



RRB NTPC UG 2024

Under Graduate Level · CEN 06/2024 · Question Paper Compilation

English

All 57 Shifts (Sets) · Official Answer Key

About this Compilation

This booklet compiles all **57 shift papers** of the **RRB NTPC UG 2024 CBT 1** examination (CEN 06/2024) in **English**, with the correct option marked as per the official answer key.

✓ Correct option (highlighted green)

How to use

- Use the **Index** page to jump directly to any set (clickable).
- Questions appear in shift order, numbered 1 onward within each set.
- Diagram and wide-table questions appear at full width at the end of their set.
- The correct answer is highlighted in green with a tick.

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Mathematics

30 Questions • Answer Key

Q1 Mathematics

If the third proportional of 16 and 56 be x , then what is the value of x ?

A. 195

B. 198

C. 196



D. 193

Q2 Mathematics

Which of the following numbers divides 545714151?

A. 10

B. 7

C. 6

D. 3



Q3 Mathematics

A number, when increased by 100%, gives 2820. The number is:

A. 1410



B. 2820

C. 705

D. 4230

Q4 Mathematics

Varun bought some erasers at the rate of ₹150/dozen. He sold them for ₹18 each. His profit percentage is ____%.

A. 42

B. 48

C. 44



D. 46

Q5 Mathematics

What is the median of the following data?

76, 35, 42, 49, 95, 21, 68, 41, 20, 27, 17

A. 40.5

B. 41



C. 41.5

D. 42

Q6 Mathematics

If 3 times Mary's present age is 20 years more than 5 times Diya's present age, and 2 times Diya's present age is 2 years less than Mary's present age, then what is the difference (in years) between the ages of Mary and Dia?

A. 12

B. 16



C. 15

D. 11

Q7 Mathematics

In $\triangle ABC$, $BD \perp AC$ at D and $\angle DBC = 16^\circ$. E is a point on BC such that $\angle CAE = 51^\circ$. What is the measure of $\angle AEB$?

A. 125° B. 135° C. 139° D. 113°

Q8 Mathematics

Which of the following numbers divides 774359327?

A. 12

B. 7



C. 2

D. 16

Q9 Mathematics

Arjun and Malaika have to travel from Delhi to Kanpur in their respective cars. Arjun is driving at 138 km/hr while Malaika is driving at 92 km/hr. Find the time taken by Malaika to reach Kanpur if Arjun takes 8 hours.

A. 13 hours

B. 7 hours

C. 12 hours



D. 4 hours



Q10 Mathematics

A sector is formed by a circular arc with a radius of 9 cm, subtending an 18° angle at the centre. What is its perimeter?

(Use $\pi = 3.14$) (Rounded up to two decimal places.)

A. 22.46 cm

B. 20.83 cm

C. 24.14 cm

D. 18.38 cm

Q11 Mathematics

The cost of 8 pens and 10 pencils is ₹132. If the cost of a pen decreases by ₹2 and the cost of a pencil increases by ₹7, then the cost of 17 pens and 6 pencils is ₹136. What is the original cost of 12 pens and 9 pencils?

A. ₹138

B. ₹143

C. ₹136

D. ₹135

Q12 Mathematics

What sum of money (in ₹) will amount to ₹2,400 at 4% per annum simple interest in 5 years?

A. ₹12,000

B. ₹2,000

C. ₹2,050

D. ₹1,950

Q13 Mathematics

Find the value of $62^3 \div 62^2 \times 62^{-13}$.

A. 62^{-18}

B. 62^{-23}

C. 62^{-12}

D. 62^{-26}

Q14 Mathematics

The number of prime numbers lying between 331 and 345, both included, is:

A. 2

B. 5

C. 4

D. 3

Q15 Mathematics

The LCM of the numbers 15.4 and 0.006 is:

A. 0.462

B. 46.2

C. 4.62

D. 462

Q16 Mathematics

A jacket is marked at ₹4,000. During a festive sale, it is given two successive discounts of 32% and 22%. What is the final price after both discounts, and what is the effective percentage discount?

A. ₹1,840 ; 54%

B. ₹2,352.2 ; 44.23%

C. ₹2,121.6 ; 46.96%

D. ₹1,820 ; 49%

Q17 Mathematics

In covering a distance of 150 km, Pranay takes 2 hours more than Aman. If Pranay doubles his speed, then he would take 3 hours less than Aman. Pranay's speed is:

A. 11 km/hr

B. 20 km/hr

C. 15 km/hr

D. 6 km/hr

Q18 Mathematics

Find a single discount equivalent to successive discounts of 20%, 25% and 15%.

A. 44%

B. 42%

C. 49%

D. 46%

Q19 Mathematics

₹75,400 were divided among A, B and C, such that 3 times the share of A = 9 times the share of B = 4 times the share of C. Find the share of A.

A. ₹36,236

B. ₹36,192

C. ₹36,032

D. ₹36,127



Q20 Mathematics

In an election between two candidates, 85% of the registered voters cast their vote and 4% of the votes polled were found invalid. The winning candidate got 65% of the valid votes and won the election by a margin of 2142 votes. How many voters were registered?

A. 8751

B. 8747

C. 8750



D. 8752

Q21 Mathematics

The average runs scored by a batsman in 23 matches is 41. In the next 10 matches, the batsman scored an average of 16 runs. Find his average runs scored (rounded off to two decimal places) in all the 33 matches.

A. 35.42

B. 34.42

C. 33.42



D. 32.42

Q22 Mathematics

Sanjana, Kartik and Deepa invested ₹1,050, ₹1,320 and ₹1,730, respectively to start a business. If the profit at the end of the year is ₹1,230, what is Deepa's share of the profit?

A. ₹517

B. ₹520

C. ₹519



D. ₹516

Q23 Mathematics

Find the simple interest (in ₹) on ₹4,000 at 6.75% per annum rate of interest deposited on 25 February 2024 and withdrawn on 26 April 2024.

A. ₹43

B. ₹45



C. ₹46

D. ₹44

Q24 Mathematics

The value of $\sqrt{169} + \sqrt{0.0144} - \sqrt{5.76}$ is _____.

A. 10.72



B. 15.09

C. 15.76

D. 9.35

Q25 Mathematics

Find the circumference (in m) of the largest circle that can be drawn completely inside a rectangle whose dimensions are given as 14 m and 116 m.

(Take $\pi = \frac{22}{7}$.)

A. 36

B. 47

C. 37

D. 44



Q26 Mathematics

A can lay railway track between two given stations in 22 days and B can do the same job in 11 days. With the help of C, they did the job in 5 days only. Then, C alone can do the job in

A. $21\frac{5}{7}$ days

B. $15\frac{5}{7}$ days



C. $12\frac{5}{7}$ days

D. $16\frac{5}{7}$ days

Q27 Mathematics

A trader claims to sell flour at a profit of 47%, but also dishonestly uses a weight which is 8% less than what is mentioned on it. Find the total percentage of profit earned by the trader. (Round off the answer to the nearest whole number.)

A. 60%



B. 61%

C. 65%

D. 55%

Q28 Mathematics

Priya can do a certain piece of work in 26 days. Priya and Varsha can together do the same work in 13 days, and Priya, Varsha and Nisha can do the same work together in 10 days. In how many days can Priya and Nisha do the same work together?

A. $\frac{73}{5}$

B. $\frac{71}{4}$

C. $\frac{56}{6}$

D. $\frac{65}{4}$



Q29 Mathematics

If $\frac{(\sin\theta + \cos\theta)}{(\sin\theta - 4\cos\theta)} = 11$, then the value of $\frac{(13\sin^2\theta + 3\cos^2\theta - 3)}{\cos^2\theta}$ is

A. $\frac{471}{2}$

B. 15

C. $\frac{405}{2}$ ✓

D. $\frac{19}{2}$

Q30 Mathematics

Simplify: $3\left(\left(\frac{7}{3}\right)x^2 - 27x + 14\right) - 7(x^2 + 8x - 11)$

A. $137x - 119$

B. $137x + 119$

C. $-137x + 119$ ✓

D. $-137x - 119$

General Intelligence & Reasoning

30 Questions • Answer Key

Q31 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. HDK

B. FBJ ✓

C. JFM

D. MIP

Q32 General Intelligence & Reasoning

In a certain code language, 'GALE' is coded as '7513' and 'FLEA' is coded as '5197'. What is the code for 'F' in that language?

A. 9 ✓

B. 7

C. 1

D. 5

Q33 General Intelligence & Reasoning

Satish starts from Point Y and drives 19 km towards west. He then takes a right turn, drives 10 km. He then turns right and drives 11 km. He takes a final right turn, drives 10 km and stops at Point Z. How far (shortest distance) and towards which direction should he drive in order to reach Point Y again? (All turns are 90° turns only unless specified.)

A. 6 km towards west

B. 8 km towards east ✓

C. 7 km towards south

D. 5 km towards north

Q34 General Intelligence & Reasoning

Select the triad that follows the same pattern as that followed by the two triads given below. Both triads follow the same pattern.

GN-JQ-MP

DK-GN-JM

A. JQ-MT-PR

B. IQ-NT-PR

C. JQ-MT-PS ✓

D. IQ-MT-PR



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Q35 General Intelligence & Reasoning

All 105 students in a class are standing in a row facing north. Ravi is 49th from the right end while Shruti is 38th from the left end. How many people stand between Ravi and Shruti?

A. 18



B. 19

C. 16

D. 17

Q36 General Intelligence & Reasoning

If 'A' stands for '÷', 'B' stands for '×', 'C' stands for '+' and 'D' stands for '-', what will come in place of the question mark (?) in the following equation?

46 A 2 C 21 D 8 B 3 = ?

A. 26

B. 41

C. 33

D. 20

**Q37 General Intelligence & Reasoning**

What should come in place of the question mark (?) in the given series?

456 457 455 456 454 455 453 ?

A. 453

B. 454



C. 456

D. 455

Q38 General Intelligence & Reasoning

In the following triads, each group of letters is related to the subsequent one following a certain logic. Select from the given options, the one which follows the same logic.

RACK - AKCR - KCAR
LOAD - ODAL - DAOL

A. ABLE - BALE - EBLA

B. FLAT - LFAT - TLAF

C. NAPS - NPAS - SPAN

D. ITEM - TMEI - METI

**Q39 General Intelligence & Reasoning**

Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) ? > @ ^ @ \ ? + \$ 6 7 \ 1 & @ 1 4 2 2 % 9 (Right)

How many such numbers are there, each of which is immediately preceded by a symbol and also immediately followed by another number?

A. None

B. Two



C. One

D. Three

Q40 General Intelligence & Reasoning

If 2 is added to each odd digit and 1 is subtracted from each even digit in the number 8354671, then how many digits will appear more than once in the new number thus formed?

A. Two

B. Three



C. None

D. One

Q41 General Intelligence & Reasoning

In the following number-pairs, the second number is obtained by applying certain mathematical operations to the first number. Select the pair in which the numbers are related in the same way as are the numbers of the following pairs.

(Note: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g., 13 – Operations on 13 such as adding/subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

52, 81

72, 101

A. 53, 76

B. 84, 107

C. 75, 104



D. 79, 102



Q42 General Intelligence & Reasoning

This question is based on the five, three-digit numbers given below.

(Left) 324 523 643 136 441 (Right)

(Example- 697 – First digit = 6, second digit = 9 and third digit = 7)

(NOTE: All operations to be done from left to right.)

If 3 is added to the first digit of every number, in how many numbers will the first digit be exactly divisible by the second digit?

A. 3

B. 1

C. 2



D. 4

Q43 General Intelligence & Reasoning

Seven boxes, A, B, C, D, M, N and O, are kept one over the other but not necessarily in the same order.

No box is kept above B. Only three boxes are kept between B and N. Only one box is kept between D and A. Only C is kept below O. A is kept immediately above N. Only four boxes are kept between D and C. How many boxes are kept below M?

A. Three

B. Five

C. Four



D. Two

Q44 General Intelligence & Reasoning

T is the daughter of A. A is married to M. M is the son of K. K is married to J. J is the father of D. D is the brother of N. G is the son of N. How is K related to T?

A. Father's father

B. Mother's father

C. Father's mother



D. Mother's brother

Q45 General Intelligence & Reasoning

Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

FJN 45, DHL 40, BFJ 35, ZDH 30, XBF 25, ?

A. VZE 20

B. UZD 20

C. VZD 20



D. VUD 20

Q46 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series?

779 780 784 793 809 ?

A. 834



B. 841

C. 837

D. 831

Q47 General Intelligence & Reasoning

If 1 is added for each even digit and 1 is subtracted from each odd digit of the number 56218643, how many digits are repeated more than once in the new number thus formed?

A. Two

B. Three

C. None

D. One

**Q48 General Intelligence & Reasoning**

In a row of people all facing north, Rikshit is 31st from the right end and Palak is 32nd from the right end. The number of people between Palak and Rikshit is same as the number of people between Palak and Huma. If Huma is 10th from the left end of the row, how many people are there in the row?

A. 44

B. 42



C. 43

D. 41

Q49 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group? (Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. HLF

B. FJC



C. MQK

D. KOI



Q50 General Intelligence & Reasoning

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.

Statements:

All teas are bins.
No tea is a sock.

Conclusions:

(I): Some socks are bins.
(II): All bins are socks.

A. Both conclusions (I) and (II) follow.

B. Only conclusion (II) follows.

C. Only conclusion (I) follows.

D. Neither conclusion (I) nor (II) follows. ✓

Q51 General Intelligence & Reasoning

Seven people, A, B, C, T, U, V and W are sitting in a row, facing north. Only two people sit to the right of C. Only two people sit between C and U. Only two people sit between A and V. V sits to the immediate left of C. T sits to the immediate right of W. Who sits at third position from the left end of the line?

A. A

B. T

C. B ✓

D. U

Q52 General Intelligence & Reasoning

Mr. Oxi starts from Point A and drives 9 km towards the south. He then takes a right turn and drives 3 km, then turns right and drives 15 km. He then takes a right turn and drives 11 km. He takes a final right turn, drives 6 km and stops at Point P. How far (shortest distance) and in which direction should he drive in order to reach Point A again? (All turns are 90-degree turns only unless specified.)

A. 8 km to the west ✓

B. 8 km to the south

C. 7 km to the east

D. 8 km to the east

Q53 General Intelligence & Reasoning

In the following triads, each group of letters is related to the subsequent one following a certain logic. Select from the given options, the one which follows the same logic.

NEST - ESNT - TSEN

GONE - ONGE - ENOG

A. LIES - IELS - SEIL ✓

B. COPE - OPCE - OPEC

C. MAST - AMST - TASM

D. SING - SNIG - GNIS

Q54 General Intelligence & Reasoning

In a certain code language, 'like his attitude' is coded as 'nt yg fr' and 'his first salary' is coded as 'kt lo yg'. How is 'his' coded in the given language?

A. fr

B. yg ✓

C. kt

D. nt

Q55 General Intelligence & Reasoning

Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

ICV 16 LGS 5 OKP -6 ROM -17 ?

A. USJ -28 ✓

B. JUD -20

C. SJD -21

D. UHT -21

Q56 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series?
6 9 15 24 36 ?

A. 51 ✓

B. 41

C. 75

D. 52



Q57 General Intelligence & Reasoning

If 2 is added to each odd digit and 3 is subtracted from each even digit in the number 7843651, how many digits will appear more than once in the new number thus formed?

- A. One
- B. Three
- C. None
- D. Two

**Q58 General Intelligence & Reasoning**

A, B, C, D, E, F and G are sitting around a circular table facing the centre. B sits second to the right of C. E sits third to the left of B. D is the immediate neighbour of G and A. F sits second to the left of G. How many people sit between A and B when counted from the left of A?

- A. One
- B. Three
- C. Two
- D. Four

**Q59 General Intelligence & Reasoning**

Read the given statement(s) and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statement(s).

Statements:

All Cabbages are Peas.
No Peas are Broccolis.

Conclusions:

I: No Broccolis are Cabbages.
II: Some Broccolis are Cabbages.

- A. Only conclusion (I) follows.
- B. Both conclusions (I) and (II) follow.
- C. Only conclusion (II) follows.
- D. Neither conclusion (I) nor (II) follows.

**Q60 General Intelligence & Reasoning**

Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

- A. US-UV
- B. QO-RP
- C. LJ-MK
- D. PN-QO

**General Awareness**

40 Questions • Answer Key

Q61 General Awareness

Which programme aims to ensure access to safe and adequate drinking water through tap connections by 2024?

- A. PM-KUSUM
- B. Jal Kranti Abhiyan
- C. Jal Jeevan Mission
- D. Atal Bhujal Yojana

**Q62 General Awareness**

Which of the following Acts aims to prevent money laundering in India?

- A. FEMA
- B. SEBI
- C. PMLA
- D. FCRA

**Q63 General Awareness**

Which of the following is the easternmost range of the Himalayas?

- A. Purvanchal Range
- B. Zaskar
- C. Pir Panjal
- D. Dhauladhar



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Q64 General Awareness

According to Ibn Battuta, a Moroccan traveller to India during the Delhi Sultanate, the method of postal system in which the royal horses were used to transfer packages, is called:

- A. Mansabdari
- B. Dawa
- C. Uluq
- D. Ikat

Q65 General Awareness

Which international organisation supports globalisation and free trade?

- A. UNESCO
- B. IMF
- C. WTO
- D. WHO

Q66 General Awareness

The Bhimbetka rock shelters, known for prehistoric cave paintings, are located in which of the following states of India?

- A. Uttar Pradesh
- B. Rajasthan
- C. Madhya Pradesh
- D. Gujarat

Q67 General Awareness

What is the name of the programme that supports AI-based learning in government schools?

- A. Vidya Connect
- B. FLN-AXL
- C. Smart EduTech
- D. Digital India Learning

Q68 General Awareness

Who among the following launched the Ayushman Vay Vandana Card in Delhi in April 2025, along with Delhi Chief Minister Rekha Gupta?

- A. Hardeep Singh Puri
- B. Pinarayi Vijayan
- C. JP Nadda
- D. Vinai Kumar Saxena

Q69 General Awareness

A single narrative detailing one of Buddha's former existences is known by which of the following names?

- A. Jataka
- B. Sutra
- C. Tripitaka
- D. Vinaya

Q70 General Awareness

Which of the following elements is classified as an actinoid group element?

- A. Thorium
- B. Lanthanum
- C. Ytterbium
- D. Cerium

Q71 General Awareness

In which of the following regions in India are Tropical Evergreen Forests found?

- A. Rajasthan
- B. Sunderbans
- C. Western Ghats
- D. Punjab

Q72 General Awareness

The indigenous CAR-T therapy has shown maximum efficacy against B-ALL and which other blood cancer?

- A. Multiple Myeloma
- B. Chronic Myeloid Leukaemia
- C. Hodgkin Lymphoma
- D. Non-Hodgkin Lymphoma

Q73 General Awareness

At the Global Production Awards held on 20 May 2025 during the Cannes Film Festival, which city was honoured with the Best City of Film Award?

- A. Belfast
- B. Cardiff
- C. Dublin
- D. Edinburgh



Q74 General Awareness

The term 'Sangam' refers to which of the following?

- A. South Indian religious texts
- B. A literary assembly of Tamil scholars ✓
- C. A Tamil dynasty
- D. A type of Tamil poetry

Q75 General Awareness

Which of the following operating systems is NOT typically used on desktop or laptop computers?

- A. macOS
- B. Android ✓
- C. Windows
- D. Linux

Q76 General Awareness

Which of the following best describes 'intergenerational equity'?

- A. Equal economic opportunities for all age-based population groups
- B. Fair allocation of resources among various income groups
- C. Fair distribution of resources among present-day nations
- D. Fair use of resources to ensure availability for future generations ✓

Q77 General Awareness

Which Indian state hosted the 38th National Games in 2025?

- A. Uttarakhand ✓
- B. Bihar
- C. Madhya Pradesh
- D. Odisha

Q78 General Awareness

Protection of environment and wildlife is mentioned in which Article of the Indian Constitution?

- A. Article 48A ✓
- B. Article 47
- C. Article 49
- D. Article 48

Q79 General Awareness

Which sweetener, first used in 1879, has received FDA approval for use in fruit juice beverages?

- A. Aspartame
- B. Sucralose
- C. Neotame
- D. Saccharin ✓

Q80 General Awareness

The desktop background is also known as:

- A. menu
- B. wallpaper ✓
- C. icon
- D. file

Q81 General Awareness

Which department has notified rules for the use of radar equipment to measure vehicle speed under the Legal Metrology (General) Rules, 2011?

- A. Ministry of Home Affairs
- B. Ministry of Electronics and Information Technology
- C. Department of Consumer Affairs ✓
- D. Ministry of Road Transport and Highways

Q82 General Awareness

Which region of India is most suitable for tea cultivation due to its climate and soil?

- A. Deccan Plateau
- B. Western Rajasthan
- C. Punjab and Haryana
- D. Assam and North Bengal ✓

Q83 General Awareness

How many small states of present-day Odisha were integrated into the Indian Union at the time of Partition?

- A. 42
- B. 15
- C. 26 ✓
- D. 34



Q84 General Awareness

Who among the following was appointed as a Deputy Governor of the Reserve Bank of India (RBI) in May 2025?

A. Dr. Poonam Gupta



B. Dr. Anshula Kant

C. Dr. Rakesh Mohan

D. Dr. Urjit Patel

Q85 General Awareness

In April 2025, which Indian cricketer was named for Wisden Leading Cricketers in the World 2024 who scored 1659 runs across formats in 2024?

A. Jemimah Rodrigues

B. Harmanpreet Kaur

C. Harleen Deol

D. Smriti Mandhana

**Q86 General Awareness**

Which of the following is the Chief Minister of a state in India primarily responsible for?

A. President of India

B. Supreme Court

C. Governor of the State



D. State Legislative Assembly

Q87 General Awareness

What is the projected annual growth rate of India-UK bilateral trade under the new Free Trade Agreement (FTA)?

A. 20%

B. 12%

C. 15%



D. 10%

Q88 General Awareness

As of March 14, 2024, which of the following is the world's tallest statue?

A. Thiruvalluvar Statue, Kanyakumari

B. Statue of Unity, Gujarat



C. Adiyogi Shiva Statue, Coimbatore

D. Tathagata Tsol, Sikkim

Q89 General Awareness

The US Army contingent that participated in Exercise YUDH ABHYAS held in September 2024 belonged to which of the following divisions?

A. 1st Infantry Division

B. 82nd Airborne Division

C. 11th Airborne Division



D. 101st Airborne Division

Q90 General Awareness

Which event marked the pivot moment in the extremist and moderate struggle during the Indian freedom struggle?

A. Jallianwala Bagh Massacre

B. Surat Split



C. Partition of Bengal

D. Champaran Satyagraha

Q91 General Awareness

What was a major focus of the 61st Constitutional Amendment?

A. Abolition of Privy Purses for former rulers

B. Reservation of seats for women in Panchayats

C. Reduction of voting age from 21 to 18 years



D. Introduction of Anti-Defection Law

Q92 General Awareness

What can happen if rocks are not weathered in the context of the movement of Earth's materials?

A. Erosion would be insignificant



B. Mass movement would be more frequent

C. Erosion would increase

D. Soil fertility would improve

Q93 General Awareness

Which State Government launched India's first ferret research facility in February 2025?

A. Haryana



B. Delhi

C. Punjab

D. Rajasthan



Q94 General Awareness

Which state became the leading beneficiary of the Green Revolution in India?

A. Punjab



B. Bihar

C. Assam

D. Odisha

Q95 General Awareness

Which of the following best describes the public sector's role in the Indian economy during 1947–1991?

A. Focussed only on foreign trade

B. Only limited to agriculture

C. Dominant in core and heavy industries



D. Minimal presence

Q96 General Awareness

Who is the highest law officer in a state?

A. Legal Advisor

B. Attorney General

C. Advocate General



D. Law Secretary

Q97 General Awareness

On 19 February 2025, which state's cabinet approved the Bhoo Kanoon (Land Law Amendment Bill) to regulate the purchase and sale of agricultural, horticultural and residential land by non-residents?

A. Jammu and Kashmir

B. Uttarakhand



C. Himachal Pradesh

D. Arunachal Pradesh

Q98 General Awareness

What legal document allowed Princely States to join either India or Pakistan after independence?

A. Pact of Unity

B. Treaty of Accession

C. Standstill Agreement

D. Instrument of Accession

**Q99 General Awareness**

Which acid is used in non-ionic detergent reactions to improve cleaning qualities and thicken detergents?

A. Oxalic acid

B. Propanoic acid

C. Barbituric acid

D. Stearic acid

**Q100 General Awareness**

The distribution of population in India is:

A. uneven, with variations across regions



B. more in desert areas

C. denser in hilly regions

D. uniform across all regions



Mathematics

30 Questions • Answer Key

Q1 Mathematics

By selling 6 rubber-bands for a rupee, a man loses 40%. To gain 20% how many must he sell for a rupee?

A. 2

B. 3



C. 5

D. 4

Q2 Mathematics

Which of the following numbers is divisible by 24?

A. 7132978

B. 6830904



C. 7991987

D. 7340390

Q3 Mathematics

Ram went to a shop and observed that the list price of a fan is ₹3,600. If the retailer has bought the fan for ₹2,800, then find the trade discount (correct to one decimal place).

A. 19.8%

B. 24.6%

C. 22.2%



D. 20%

Q4 Mathematics

A number, when increased by 100%, gives 2780. The number is:

A. 4170

B. 1390



C. 2780

D. 695

Q5 Mathematics

Find the simple interest (in ₹) on ₹4,000 at 7.5% per annum rate of interest deposited on 7 February 2024 and withdrawn on 8 April 2024.

A. 50



B. 48

C. 49

D. 51

Q6 Mathematics

Anubhav and Gaurav start a business. Anubhav invests ₹55,000 more than Gaurav for 2 months and Gaurav invests for 5 months. Anubhav's share is ₹1,431 more than that of Gaurav, out of a total profit of ₹7,155. Find the capital contributed by Anubhav.

A. ₹90,000

B. ₹70,000

C. ₹75,000



D. ₹80,000

Q7 Mathematics

Ishaan and Meghna have to travel from Delhi to Kanpur in their respective cars. Ishaan is driving at 77 km/hr while Meghna is driving at 33 km/hr. Find the time taken by Meghna to reach Kanpur if Ishaan takes 12 hours.

A. 29 hours

B. 34 hours

C. 28 hours



D. 33 hours

Q8 Mathematics

In covering a distance of 182 km, Salaj takes 4 hours more than Kevin. If Salaj doubles his speed, then he would take 9 hours less than Kevin. Salaj's speed is:

A. 3 km/hr

B. 11 km/hr

C. 7 km/hr



D. 13 km/hr

Q9 Mathematics

Given that $149^{0.59} = x$, $149^{0.94} = y$ and $x^z = y^6$, then the value of z is close to:

A. 11.02

B. 9.56



C. 7.39

D. 9.29



Q10 Mathematics

The number of prime numbers lying between 303 and 311, both included, is:

A. 5

B. 7

C. 2



D. 3

Q11 Mathematics

In an election between two candidates, 80% of the registered voters cast their vote and 5% of the votes polled were found invalid. The winning candidate got 75% of the valid votes and won the election by a margin of 1805 votes. How many voters were registered?

A. 4748

B. 4751

C. 4750



D. 4749

Q12 Mathematics

If 3 times the mother's age is 26 years more than 5 times her daughter's age, and 2 times the daughter's age is 2 years less than the mother's age, then what is the difference (in years) between the ages of the mother and the daughter?

A. 23

B. 22



C. 20

D. 25

Q13 Mathematics

The LCM of the numbers 2.7 and 0.096 is:

A. 21.6



B. 216

C. 0.216

D. 2.16

Q14 Mathematics

The average weight (in kg) of a family of five members whose weights are 40 kg, 49 kg, 56 kg, 73 kg and 38 kg is:

A. 53.2

B. 52.2

C. 50.2

D. 51.2

**Q15 Mathematics**

X, Y and Z invested a sum in the ratio of 86 : 60 : 24, respectively. If they earned a total profit of ₹4,590 at the end of the year, what is the difference between the shares of Y and Z?

A. ₹972



B. ₹994

C. ₹1,065

D. ₹864

Q16 Mathematics

Find the simple interest (in ₹) on ₹1,200 at an interest rate of 3% per month for 12 months.

A. ₹432



B. ₹72

C. ₹36

D. ₹56

Q17 Mathematics

The product of two consecutive natural numbers is 210. The greater of the two numbers is:

A. 7

B. 34

C. 15



D. 21

Q18 Mathematics

The average of first 151 even numbers is

A. 152.5

B. 151.5

C. 152



D. 153

Q19 Mathematics

Find the mean proportional of 25 and 16.

A. 22

B. 18

C. 20



D. 17



Q20 Mathematics

Naman and Omar can complete a certain piece of work in 13 and 4 days, respectively. They started to work together, and after 2 days, Omar left. In how many days will Naman complete the remaining work?

- A. 6
- B. 6.5
- C. 5
- D. 4.5

**Q21 Mathematics**

The H.C.F. and the L.C.M. of two numbers are 2 and 492, respectively. If one of the numbers is 82, find the other one.

- A. 102
- B. 93
- C. 12
- D. 31

**Q22 Mathematics**

A product is sold for ₹3,400 after a 15% discount. What was the original marked price?

- A. ₹3,900
- B. ₹4,100
- C. ₹4,000
- D. ₹3,800

**Q23 Mathematics**

An exterior angle and an interior angle of a regular polygon are in the ratio of 1 : 8. What is the number of sides of the polygon?

- A. 18
- B. 12
- C. 24
- D. 6

**Q24 Mathematics**

Find the value of: $83^{-6} \div 83^{16} \times 83^{-8}$

- A. 83-40
- B. 83-26
- C. 83-20
- D. 83-30

**Q25 Mathematics**

The volume of a right circular cylinder is 8624 cm^3 . If the radius and height of the cylinder are equal, then find the height of the cylinder. (Use $\pi = \frac{22}{7}$)

- A. 13 cm
- B. 15 cm
- C. 12 cm
- D. 14 cm

**Q26 Mathematics**

By selling an article at $\frac{2}{5}$ of its actual selling price, Manav incurs a loss of 24%.

If he sells it at 88% of its actual selling price, then the profit percentage is:

- A. 67.3%
- B. 67.9%
- C. 67.2%
- D. 69.4%



Q27 Mathematics

Pipe A can fill a tank in 16 hours, pipe B can fill the same tank in 25 hours and pipe C can fill the same tank in 12 hours. The time taken by them to fill the same tank if they operate together is::

A. $9\frac{85}{223} \text{ hours}$

B. $3\frac{85}{223} \text{ hours}$

C. $1\frac{85}{223} \text{ hours}$

D. $5\frac{85}{223} \text{ hours}$ ✓

Q28 Mathematics

Simplify the following.

$$2\left(\left(\frac{4}{2}\right)x^2 - 21x + 15\right) - 4(x^2 + 5x - 15)$$

A. $62x - 90$

B. $-62x - 90$

C. $-62x + 90$ ✓

D. $62x + 90$

Q29 Mathematics

Find the volume (in cm^3) of a sphere having a diameter of 22 cm, giving your answer correct to two places of decimal.

Take $\pi = \frac{22}{7}$.

A. 5577.52 ✓

B. 5587.52

C. 5567.52

D. 5597.52

Q30 Mathematics

If $\sin\theta = \frac{1}{2}$, then $13 \times \operatorname{cosec}^2\theta - 3 \times \cot^2\theta - 15$ is equal to:

A. 26

B. 28 ✓

C. 56

D. 68



Q31 General Intelligence & Reasoning

Veer starts from Point Y and drives 34 km towards north. He then takes a left turn, drives 20 km. He then turns left and drives 40 km. He takes a final left turn, drives 20 km and stops at Point Z. How far (shortest distance) and towards which direction should he drive in order to reach Point Y again? (All turns are 90° turns only unless specified.)

A. 6 km towards north ☒

B. 7 km towards south

C. 8 km towards west

D. 4 km towards east

Q32 General Intelligence & Reasoning

In the following number-pairs, the second number is obtained by applying certain mathematical operations to the first number. Select the pair in which the numbers are related in the same way as are the numbers of the following pairs.

(Note: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g., 13 – Operations on 13 such as adding/subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

24, 16

48, 32

A. 96, 62

B. 84, 56 ☒

C. 60, 20

D. 72, 36

Q33 General Intelligence & Reasoning

MOLK is related to RTQP in a certain way based on the English alphabetical order. In the same way, GIFE is related to LNKJ. To which of the given options is VXUT related, following the same logic?

A. AYZS

B. ACYZ

C. ACZY ☒

D. AYZC

Q34 General Intelligence & Reasoning

In a certain code language, 'OPEN' is coded as '4627' and 'EARS' is coded as '1375'. What is the code for 'E' in the given code language?

A. 6

B. 7 ☒

C. 1

D. 5

Q35 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. RO-TP

B. JG-LI ☒

C. FC-HD

D. NK-PL

Q36 General Intelligence & Reasoning

Deepti starts from point A and walks 5 km towards west. She takes a left turn and walks 2 km. She then takes a right turn and walks 3 km. She then takes a final right turn and walks 2 km and reaches a point B. How far (shortest distance) and towards which direction should she walk in order to reach point A again? (All turns are 90 degrees turns only unless specified.)

A. 2 km east

B. 8 km east ☒

C. 2 km west

D. 5 km east

Q37 General Intelligence & Reasoning

A, B, C, D, J, K and L are sitting around a circular table, facing the centre of the table.

Only four people sit between C and J when counted from the right of C. C sits third to the left of B. A sits third to the left of D. L is an immediate neighbour of both J and B. How many people sit between K and L when counted from the right of K?

A. One

B. Two ☒

C. Four

D. Three



Q38 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. NPL

B. HJF

C. EGB



D. KMI

Q39 General Intelligence & Reasoning

If 2 is added to each even digit and 2 is subtracted from each odd digit in the number 3659247, then what will be the sum of all the even digits in the new number thus formed?

A. 16

B. 14

C. 18



D. 12

Q40 General Intelligence & Reasoning

Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

VPM 153, QUJ 145, LZG 137, GED 129, BJA 121, ?

A. WOX 113



B. UPY 115

C. XNW 113

D. VOY 115

Q41 General Intelligence & Reasoning

Seven boxes U, V, W, X, E, F and G are kept one over the other but not necessarily in the same order. Only X is kept above W. Only two boxes are kept between W and G. Only U is kept below F. V is not kept immediately above G. How many boxes are kept between E and U?

A. One

B. Two



C. Three

D. Four

Q42 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series based on the English alphabetical order?

QMS NJP KGM HDJ ?

A. IAG

B. FEI

C. GEI

D. EAG

**Q43 General Intelligence & Reasoning**

Kartik ranked 19th from the top and 27th from the bottom in his class. How many students are there in his class?

A. 44

B. 47

C. 46

D. 45

**Q44 General Intelligence & Reasoning**

What should come in place of the question mark (?) in the given series?

178 142 117 101 92 ?

A. 63

B. 81

C. 88



D. 75

Q45 General Intelligence & Reasoning

Each of the digits in the number 8357416 is arranged in ascending order from left to right. What will be the sum of the digits which are second from the left and second from the right in the new number thus formed?

A. 9

B. 10



C. 11

D. 12



Q46 General Intelligence & Reasoning

If 2 is added to each even digit and 1 is subtracted from each odd digit in the number 7364592, what will be the sum of the digits which are first from the left and first from the right in the new number thus formed?

A. 12

B. 10 

C. 8

D. 9

Q47 General Intelligence & Reasoning

S is the mother of R. R is the brother of P. P is the wife of I. I is the father of O. How is S related to O?

A. Mother's sister

B. Mother's mother 

C. Mother's father

D. Mother's brother

Q48 General Intelligence & Reasoning

Refer to the following number and symbol series and answer the question that follows. All numbers are single-digit numbers. Counting to be done from left to right only.

(Left) # 1 * £ 5 6 4 + 7 \$ 8 2 @ % & 3 Ω 9 (Right)

How many such symbols are there each of which is immediately preceded by a number and also immediately followed by another number?

A. 1

B. 3 

C. 4

D. 2

Q49 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series?

499 500 502 505 509 ?

A. 515

B. 513

C. 514 

D. 516

Q50 General Intelligence & Reasoning

Read the given statement(s) and conclusions carefully. Assuming that the information given in the statement(s) is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statement(s).

Statements:

All detergents are towels.

All detergents are conditioners.

Conclusions:

(I) Some towels are conditioners.

(II) All conditioners are detergents.

A. Neither conclusion (I) nor (II) follows.

B. Only conclusion (II) follows.

C. Both conclusions (I) and (II) follow.

D. Only conclusion (I) follows. **Q51 General Intelligence & Reasoning**

H, I, J, K, U, V and W are sitting around a circular table facing the centre of the table.

Only four people sit between U and V when counted from the right of U. U sits third to the left of W. K sits third to the left of H. I is an immediate neighbour of both V and W.

How many people sit between J and I when counted from the right of J?

A. Two 

B. One

C. Four

D. Three

Q52 General Intelligence & Reasoning

In a certain code language, 'KNOW' is coded as '8901' and 'KNOT' is coded as '9028'. What is the code for 'W' in the given code language?

A. 9

B. 0

C. 8

D. 1 **Q53 General Intelligence & Reasoning**

KGDL is related to IEBJ in a certain way based on the English alphabetical order. In the same way, NJGO is related to LHEM. To which of the given options is QMJR related, following the same logic?

A. KOHP

B. KOPH

C. OKPH

D. OKHP 

Q54 General Intelligence & Reasoning

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.

Statements: Some penguins are sharks. Some sharks are dolphins.

Conclusions (I): No shark is a penguin.

Conclusions (II): Some penguins are dolphins.

A. Neither conclusion (I) nor (II) follows. ✓

B. Only conclusion (I) follows.

C. Both conclusions (I) and (II) follow.

D. Only conclusion (II) follows.

Q55 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. RWS

B. UZV

C. MRO ✓

D. OTP

Q56 General Intelligence & Reasoning

XSLE is related to CWQI in a certain way based on the English alphabetical order. In the same way, RIFU is related to WMKY. To which of the given options is GUUG related, following the same logic?

A. LYZK ✓

B. LZXD

C. LYXZ

D. LZXS

Q57 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series?

260, 310, 460, 710, 1060, ?

A. 1560

B. 1410

C. 1510 ✓

D. 1460

Q58 General Intelligence & Reasoning

What will come in place of the question mark (?) in the following equation, if '+' and '÷' are interchanged and '-' and 'x' are interchanged?

$11 - 3 \times 88 + 8 \div 10 = ?$

A. 16

B. 32 ✓

C. 38

D. 23

Q59 General Intelligence & Reasoning

Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) 9 6 \$ \$ 7 © £ \$ 1 * 5 4 3 3 \$ 6 @ # # # 8 % (Right)

How many such symbols are there each of which is immediately preceded by a number and also immediately followed by a number?

A. 3

B. 2 ✓

C. 1

D. 4

Q60 General Intelligence & Reasoning

In a row of people all facing north, Cherry is 25th from the right end. Dinesh is 28th from the right end. Dinesh is exactly between Cherry and Lina. If Lina is 11th from the left end of the line, how many people are there in the row?

A. 42

B. 41 ✓

C. 39

D. 40



Q61 General Awareness

Which of the following multinational air combat exercises did the Indian Air Force (IAF) participate in at Al Dhafra Air Base in the UAE from 21 April to 8 May 2025?

A. Desert Flag-10



B. Blue Flag-5

C. Iron Fist

D. Red Flag

Q62 General Awareness

During the rule of which of the following Mughal rulers did Sunnis and Shias meet in one mosque and Christians and Jews in one church to pray, thus following the principle of 'universal peace' (sulh-i kul)?

A. Humayun

B. Jahangir

C. Akbar



D. Babar

Q63 General Awareness

What does the shortcut key Ctrl + S do in most software applications?

A. Selects all content

B. Saves the current document



C. Searches for text in a document

D. Starts a new page

Q64 General Awareness

India has unveiled a comprehensive plan worth ₹9.15 lakh crore (US\$ 109.50 billion) to enhance its power infrastructure and meet a projected demand of 458 GW by _____.

A. 2030

B. 2032



C. 2034

D. 2036

Q65 General Awareness

In which of the following cities' suburban trains was Kavach 5.0 launched in April 2025 to enable more trains to run safely and efficiently?

A. Mumbai



B. Lucknow

C. Chennai

D. New Delhi

Q66 General Awareness

In which list of the Seventh Schedule does the Central Government have exclusive power to legislate?

A. State List

B. Concurrent List

C. Residual List

D. Union List

**Q67 General Awareness**

Which Schedule of the Constitution deals with the administration of Scheduled Areas and Tribes?

A. Fifth Schedule



B. Ninth Schedule

C. Sixth Schedule

D. Eleventh Schedule

Q68 General Awareness

Who translated the book 'Heart Lamp' into English, making it the first Kannada work to win the 2025 International Booker Prize?

A. Annie Zaidi

B. Meena Kandasamy

C. Arshia Sattar

D. Deepa Bhasthi

**Q69 General Awareness**

The Contact Process is used for the manufacturing of which of the following chemicals?

A. Ammonia

B. Sulphuric acid



C. Nitric acid

D. Hydrochloric acid



Q70 General Awareness

Which Indian startup unveiled a system to run AI without advanced chips in April 2025?

- A. Closeloop Technology
- B. BharatPe
- C. Ziroh Labs
- D. Eka Software

Q71 General Awareness

Which method best characterises the approach of the Moderates?

- A. Armed revolution
- B. Petition and prayer
- C. Guerrilla warfare
- D. Cultural renaissance

Q72 General Awareness

Which of the following quantities remains unchanged when a charged particle moves in a magnetic field?

- A. Direction of velocity
- B. Kinetic energy
- C. Momentum direction
- D. Angular momentum

Q73 General Awareness

Which DRDO-developed system, inducted into the Indian Army in 2024, played a crucial role in air defence during Operation Sindoor in 2025?

- A. Akash
- B. QRSAM
- C. Barak-8
- D. Akashteer

Q74 General Awareness

The Aguada Fort, which is a monument to Portuguese construction and engineering, is situated in which of the following states of India?

- A. Gujarat
- B. Tamil Nadu
- C. Maharashtra
- D. Goa

Q75 General Awareness

In March 2025, the Defence Ministry signed contracts with which two companies for the procurement of 155 mm/52 calibre Advanced Towed Artillery Gun System (ATAGS)?

- A. Bharat Forge Ltd and Tata Advanced Systems Ltd
- B. Larsen & Toubro Ltd and MTAR Technologies Ltd
- C. Bharat Dynamics Ltd and Hindustan Aeronautics Ltd
- D. Mahindra Defence Systems Ltd and Kalyani Strategic Systems Ltd

Q76 General Awareness

Which neighbouring country did India accuse of supporting cross-border infiltration attempts in Jammu and Kashmir in early 2025?

- A. Pakistan
- B. Sri Lanka
- C. Bangladesh
- D. Nepal

Q77 General Awareness

The National Multidimensional Poverty Index, published by NITI Aayog, measures poverty beyond income by considering multiple deprivations. Which of the following dimensions is NOT included in India's National Multidimensional Poverty Index (MPI)?

- A. Employment
- B. Education
- C. Health
- D. Standard of living

Q78 General Awareness

Where was the 2025 Regional Forum on Sustainable Development (RFSD) for the UNECE region held on April 2-3?

- A. Oslo
- B. Geneva
- C. Vienna
- D. Brussels

Q79 General Awareness

Who was the first Chief Election Commissioner of India?

- A. HK Kripalani
- B. MC Setalvad
- C. V Narahari Rao
- D. Sukumar Sen



Q80 General Awareness

Which of the following is considered the first full-length Indian feature film, released in 1913?

- A. Sant Tukaram
- B. Alam Ara
- C. Raja Harishchandra ✓
- D. Keechaka Vadham

Q81 General Awareness

Which Indian state had the highest Human Development Index (HDI) value according to the NITI Aayog's SDG India Index 2023?

- A. Kerala ✓
- B. Gujarat
- C. Tamil Nadu
- D. Maharashtra

Q82 General Awareness

Where was the BrahMos Aerospace Integration and Testing Facility inaugurated on 11 May 2025?

- A. Lucknow, Uttar Pradesh ✓
- B. Hyderabad, Telangana
- C. Pune, Maharashtra
- D. Bengaluru, Karnataka

Q83 General Awareness

Who is the director of the Indian film 'Tanvi: The Great', which had its world premiere at the Cannes Film Market during the 78th Cannes Film Festival in 2025?

- A. Kiran Rao
- B. Naseeruddin Shah
- C. Anupam Kher ✓
- D. Shabana Azmi

Q84 General Awareness

Which of the following diseases is caused by protozoa?

- A. Typhoid
- B. Malaria ✓
- C. Chicken Pox
- D. Polio

Q85 General Awareness

Which policy initiative aims to digitise all Primary Agricultural Credit Societies (PACS)?

- A. PACS Digitization Project ✓
- B. Co-op Net
- C. National Digital Agri Mission
- D. e-Kisan Portal

Q86 General Awareness

Pamban Port is located in which state of India?

- A. Kerala
- B. Maharashtra
- C. Tamil Nadu ✓
- D. Karnataka

Q87 General Awareness

In which of the following Indian states does the Jagar dance form has its primary roots?

- A. Bihar
- B. Himachal Pradesh
- C. Uttarakhand ✓
- D. Jammu and Kashmir

Q88 General Awareness

Which of the following factors best explains the formation of ox-bow lakes along river courses?

- A. Lateral erosion on the outer banks and deposition on the inner banks ✓
- B. Tectonic uplift disrupting the flow
- C. Sudden uplift of riverbeds by tectonic activity
- D. Glacial retreat leaving depressions

Q89 General Awareness

Which term refers to the pre-monsoon showers that occur with a sudden rise in temperature, especially in southern India?

- A. Nor'wester
- B. Loo
- C. Mango showers ✓
- D. Break in monsoon



Q90 General Awareness

Under the Government of India Act, 1919, which subjects were transferred to Indian ministers?

- A. Police and Revenue
- B. Education and Health ✓
- C. Judiciary and Foreign Affairs
- D. Defence and Railways

Q91 General Awareness

What evidence supports the layered structure of the Earth's interior?

- A. Fossil records
- B. Volcanic eruptions
- C. Magnetic poles
- D. Seismic wave behaviour ✓

Q92 General Awareness

Which of the following is responsible for managing shortcut links and desktop visual layout?

- A. File Explorer
- B. Windows Shell ✓
- C. Task Scheduler
- D. Command Prompt

Q93 General Awareness

Which new electricity trading tool did India propose in 2025 to help companies meet renewable energy targets?

- A. Renewable Energy Certificates (RECs)
- B. Time-of-Day Net Metering
- C. Green Energy Tariffs
- D. Virtual Power Purchase Agreements (VPPAs) ✓

Q94 General Awareness

What is used to measure a decent standard of living in HDI?

- A. GDP per capita in PPP US Dollars ✓
- B. Monthly salary
- C. Population density
- D. Availability of luxury goods

Q95 General Awareness

Which of the following is the first biosphere reserve established in India?

- A. Sundarbans
- B. Nilgiri ✓
- C. Nanda Devi
- D. Gulf of Mannar

Q96 General Awareness

Which of the following movements is also known as the 'Ulgulan' or the 'Great Tumult' movement?

- A. Kol rebellion
- B. Chuar uprising
- C. Munda uprising ✓
- D. Santhal rebellion

Q97 General Awareness

Which of the following countries will restrict the Mt. Everest Permit to only those who have already climbed 7000 m?

- A. Nepal ✓
- B. USA
- C. Mongolia
- D. Japan

Q98 General Awareness

Which of the following was a major drawback of the Indian economy at the time of independence?

- A. High unemployment and poverty ✓
- B. High industrial output
- C. Strong infrastructure
- D. Self-sufficiency in food grains

Q99 General Awareness

The Third Battle of Panipat in 1761 was fought between Ahmad Shah Abdali and which Indian power?

- A. British
- B. Mughals
- C. Marathas ✓
- D. Rajputs



Q100 General Awareness

Which Indian author won the 2025 International Booker Prize for the short story collection 'Heart Lamp'?

- A. Deepa Bhashti
- B. Pratibha Satpathy
- C. Banu Mushtaq
- D. Jeet Thayil



Mathematics

30 Questions • Answer Key

Q1 Mathematics

Which of the following ratios is the greatest?

A. 42 : 70

B. 40 : 51



C. 22 : 76

D. 44 : 74

Q2 Mathematics

A shirt is marked at ₹900. After a discount of 10%, it is sold. Find the selling price.

A. ₹800

B. ₹820

C. ₹810



D. ₹850

Q3 Mathematics

Sapna invested ₹20,900 on simple interest, partly at 10% per annum and partly at 9% per annum. If she earns equal interests from the two investments after 5 years, then find the sum invested at 10% per annum (in ₹).

A. 9,899

B. 9,903

C. 9,900



D. 9,902

Q4 Mathematics

The marked price of a stainless-steel bottle is ₹1,200. After applying two successive discounts of 10% and 5%, what is the selling price?

A. ₹1,052

B. ₹1,116

C. ₹1,026



D. ₹1,106

Q5 Mathematics

Train A leaves station M at 7:50 a.m. and reaches station N at 2:50 p.m. on the same day. Train B leaves station N at 9:50 a.m. and reaches station M at 2:50 p.m. on the same day. Find the time when Trains A and B meet.

A. 5:00 a.m.

B. 11:55 a.m.



C. 10:47 p.m.

D. 9:47 p.m.

Q6 Mathematics

A, B and C invest a sum in the ratio of 63 : 35 : 42, respectively. If they earned a total profit of ₹5,120 at the end of the year, then what is the difference between share of B and C?

A. ₹274

B. ₹221

C. ₹340

D. ₹256



Q7 Mathematics

If the interest earned during the 2nd year on a certain sum is ₹6,786, and the rate of interest is 20% per annum compounded annually, then the sum is:

A. ₹27,795

B. ₹28,035

C. ₹28,275



D. ₹28,905

Q8 Mathematics

Which of the following numbers divides 253118139?

A. 12

B. 3



C. 5

D. 8



Q9 Mathematics

What smallest number should be added to 4519 so that the sum is completely divisible by 30?

- A. 10
- B. 6
- C. 13
- D. 11

**Q10 Mathematics**

Given that $4^{0.72} = x$, $4^{0.86} = y$ and $x^z = y^8$, then the value of z is close to:

- A. 8.43
- B. 9.68
- C. 11.98
- D. 9.56

**Q11 Mathematics**

Two numbers have HCF 6 and LCM 36. If the difference between the two numbers is 30, what are the two numbers?

- A. 18 and 48
- B. 24 and 54
- C. 12 and 42
- D. 6 and 36

**Q12 Mathematics**

A sells a MacBook to B at a loss of 60% and B sells the MacBook to C at a profit of 25%. If C purchased the MacBook for ₹47,236, then what was the cost (in ₹) of the MacBook for A?

- A. 94,472
- B. 94,468
- C. 94,467
- D. 94,478

**Q13 Mathematics**

Find the value of $50^{-13} \div 50^{15} \times 50^{-11}$.

- A. 50-39
- B. 50-36
- C. 50-35
- D. 50-49

**Q14 Mathematics**

If 2 times the mother's age is 26 years more than 4 times her daughter's age, and 3 times the daughter's age is 2 years less than the mother's age, then what is the difference (in years) between the ages of the mother and the daughter?

- A. 27
- B. 22
- C. 24
- D. 25

**Q15 Mathematics**

The average of first 170 even numbers is

- A. 170.5
- B. 171
- C. 172
- D. 171.5

**Q16 Mathematics**

A man goes to Lucknow from Kanpur at a speed of 72 km/hr and returns to Kanpur at speed of 90 km/hr, through the same route. What is his average speed (in km/hr) of the entire journey?

- A. 76
- B. 80
- C. 83
- D. 79

**Q17 Mathematics**

The population of a district is 351000, out of which 164000 are males. 14% of the population is literate. If 14% males are literate, then what percentage of females are literate?

- A. 14%
- B. 17%
- C. 12%
- D. 16%

**Q18 Mathematics**

An equilateral triangle has each side measuring 13 cm; find its perimeter.

- A. 39 cm
- B. 30 cm
- C. 42 cm
- D. 26 cm



Q19 Mathematics

A number, when increased by 70%, gives 3910. The number is:

A. 4600

B. 2300



C. 6900

D. 1150

Q20 Mathematics

₹58,300 were divided among A, B and C, such that 4 times of A = 9 times of B = 3 times of C. Find the share of A.

A. ₹20,901

B. ₹20,919

C. ₹20,988



D. ₹21,125

Q21 Mathematics

The average weight (in kg) of a family of five members whose weights are 40 kg, 49 kg, 56 kg, 75 kg and 39 kg is:

A. 52.8

B. 50.8

C. 53.8

D. 51.8

**Q24 Mathematics**

ABCD is a trapezium in which $BC \parallel AD$ and $AC = CD$. If $\angle ABC = 18^\circ$ and $\angle BAC = 93^\circ$, then what is the measure of $\angle ACD$ (in degree)?

A. 51°

B. 42°



C. 50°

D. 37°

Q25 Mathematics

Simplify the following.

$$3\left(\left(\frac{4}{3}\right)x^2 - 30x + 18\right) - 4(x^2 + 8x - 14)$$

A. $122x - 110$

B. $-122x + 110$



C. $-122x - 110$

D. $122x + 110$

Q22 Mathematics

The number 245015 is divisible by which of the following?

A. 15

B. 2

C. 5



D. 11

Q23 Mathematics

The product of two positive numbers is 2880. If the first number is five times of the second number, then the sum of the two numbers is:

A. 144



B. 137

C. 164

D. 150



Q26 Mathematics

Anjali can do a certain piece of work in 30 days. Anjali and Ayushi can together do the same work in 18 days, and Anjali, Ayushi and Ankita can do the same work together in 9 days. In how many days can Anjali and Ankita do the same work together?

A. $\frac{53}{6}$

B. $\frac{44}{5}$

C. $\frac{45}{4}$



D. $\frac{35}{4}$

Q27 Mathematics

Find the circumference (in m) of the largest circle that can be drawn completely inside a rectangle whose dimensions are given as 126 m and 226 m.

(Take $\pi = \frac{22}{7}$.)

A. 401

B. 395

C. 389

D. 396

**Q28 Mathematics**

Sakshi bought a toy for ₹456, decorated it at a cost of ₹20 and sold the toy for ₹612. Find the loss or profit percentage.

A. $\frac{200}{7}\%$ loss

B. $\frac{210}{7}\%$ loss

C. $\frac{200}{7}\%$ profit



D. 200 % profit

Q29 Mathematics

Simplify: $\sec^2\beta - \frac{1}{\operatorname{cosec}^2\beta - 1}$

A. 0

B. $\operatorname{cosec}\beta$

C. 1



D. $\sec\beta$



Q30 Mathematics

A can lay railway track between two given stations in 19 days and B can do the same job in 16 days. With the help of C, they did the job in 5 days only. Then, C alone can do the job in

A. $11\frac{101}{129}$ days



B. $20\frac{101}{129}$ days

C. $13\frac{101}{129}$ days

D. $9\frac{101}{129}$ days

General Intelligence & Reasoning

30 Questions • Answer Key

Q31 General Intelligence & Reasoning

VR 27 is related to YU 32 in a certain way. In the same way, MI 9 is related to PL 14. To which of the following is GC 13 related, following the same logic?

A. JK 16

B. MP 18

C. JF 22

D. JF 18

**Q32 General Intelligence & Reasoning**

A, B, C, D, J, K and L are sitting around a circular table, facing the centre of the table.

L sits to the immediate right of D. Only three people sit between L and C when counted from the left of L. Only three people sit between D and J. A sits to the immediate right of K.

How many people sit between D and K when counted from the right of K?

A. Four

B. Three

C. Two

D. One

**Q33 General Intelligence & Reasoning**

Amit ranked 34th from the top and 45th from the bottom in his class. How many students are there in his class?

A. 77

B. 79

C. 76

D. 78

**Q34 General Intelligence & Reasoning**

Nushrat ranked 12th from the bottom and 21st from the top in his class. How many students are there in his class?

A. 31

B. 30

C. 32



D. 33

Q35 General Intelligence & Reasoning

CFJP is related to GJMS in a certain way based on the English alphabetical order. In the same way, SVVB is related to WZYE. To which of the given options is EHEK related, following the same logic?

A. LIHN

B. ILHN



C. LNHG

D. LINJ



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Q36 General Intelligence & Reasoning

Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(Note: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g., 13 – Operations on 13 such as adding/subtracting/multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(75, 62, 49)
(61, 48, 35)

A. (48, 24, 12)

B. (92, 79, 66) ✓

C. (73, 60, 53)

D. (66, 52, 41)

Q37 General Intelligence & Reasoning

Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

COB 5, EQD 10, GSF 15, IUH 20, ?

A. KVJ 22

B. JVI 22

C. KWJ 25 ✓

D. JWI 25

Q38 General Intelligence & Reasoning

Refer to the following number and symbol series and answer the question that follows. All number are single-digit numbers. Counting to be done from left to right only.

(Left) 5 # % 2 ^ @ 3 & 1 \$ 7 Ω 5 2 # 6 * 1 9 (Right)

How many symbols in the series are immediately preceded by a number and immediately followed by a symbol?

A. None

B. One

C. Two ✓

D. More than two

Q39 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter cluster pairs are alike in a certain way and thus form a group. Which one DOES NOT belong to that group? (NOTE: The odd one out is not based on the number of consonants/vowels or their position in the letter cluster.)

A. EY-HC

B. MG-PK

C. ZT-CX

D. KE-MI ✓

Q40 General Intelligence & Reasoning

A, B, C, D, E, F and G are sitting around a circular table facing the centre.

Only one person sits between C and D when counted from the right of C. Only one person sits between D and A. Only one person sits between C and B. Only two people sit between F and A. Only one person sits between E and B. How many people sit between E and G when counted from the left of G?

A. 3

B. 2 ✓

C. 1

D. 4

Q41 General Intelligence & Reasoning

In a certain code language, 'YOUR' is coded as '4628' and 'UNIT' is coded as '1385'. What is the code for 'U' in the given code language?

A. 2

B. 3

C. 8 ✓

D. 1



Q42 General Intelligence & Reasoning

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.

Statements:

Some kites are hats.
No hat is a bat.

Conclusions:

(I): Some kites are bats.

(II): Some hats are kites.

A. Only conclusion (II) follows.

B. Both conclusions (I) and (II) follow.

C. Neither conclusion (I) nor (II) follows.

D. Only conclusion (I) follows.

Q43 General Intelligence & Reasoning

What will come in the place of the question mark (?) in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged?

$$25 \div 6 - 8 + 20 \times 4 = ?$$

A. 151

B. 154

C. 153

D. 152

Q44 General Intelligence & Reasoning

Read the given statement(s) and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statement(s).

Statements:

All meters are compasses.
All compasses are scales.

Conclusions:

(I) Some scales are compasses.

(II) All meters are scales.

A. Neither conclusion (I) nor (II) follows.

B. Only conclusion (II) follows.

C. Only conclusion (I) follows.

D. Both conclusions (I) and (II) follow.

Q45 General Intelligence & Reasoning

Each of the digits in the number 81374569 is arranged in ascending order from left to right. The position of how many digits will remain unchanged as compared to that in the original number?

A. One

B. None

C. Three

D. Two

Q46 General Intelligence & Reasoning

In a certain code language,

'A = B' means 'A is the wife of B',

'A ¥ B' means 'A is the father of B',

'A # B' means 'A is the brother of B' and

'A % B' means 'A is the mother of B'.

How is D related to A if 'D % E = L ¥ T # A'?

A. Mother's brother

B. Mother's mother

C. Mother's father

D. Mother's sister

Q47 General Intelligence & Reasoning

Rajeev starts from Point A and drives 8 km towards east. He then takes a left turn, drives 4 km, turns left and drives 4 km. He then takes a left turn and drives 11 km. He takes a final right turn, drives 4 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90° turns only unless specified.)

A. 9 km towards south

B. 7 km towards west

C. 9 km towards north

D. 7 km towards north

Q48 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series?

86 88 92 100 116 ?

A. 132

B. 144

C. 180

D. 148



Q49 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series?

7 7 10 18 33 ?

A. 57



B. 69

C. 64

D. 61

Q50 General Intelligence & Reasoning

In a certain code language, 'LEFT' is coded as '5427' and 'EARS' is coded as '6153'. What is the code for 'E' in the given code language?

A. 3

B. 5



C. 6

D. 4

Q51 General Intelligence & Reasoning

If 'A' stands for '+', 'B' stands for 'x', 'C' stands for '+' and 'D' stands for '-', then what will come in place of the question mark (?) in the following equation?

(117 A 3) C (119 A 7) C 24 D 6 C (117 A 13) B 2 = ?

A. 108

B. 100

C. 98

D. 92

**Q52 General Intelligence & Reasoning**

Town B is to the south of Town A. Town C is to the west of Town A. Town D is to the west of Town C. Town E is to the north of Town D and also to the south of Town F. What is the position of Town F with respect to Town D?

A. North



B. West

C. East

D. South

Q53 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series?

84, 85, 87, 91, 99, ?

A. 511

B. 125

C. 115



D. 254

Q54 General Intelligence & Reasoning

In a row of 47 students facing North, Sonika is 18th from the left end. If Dhruv is 11th to the right of Sonika, what is Dhruv's position from the right-end of the line?

A. 19th



B. 20th

C. 18th

D. 21st

Q55 General Intelligence & Reasoning

Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

KDU 94, HIQ 107, ENM 120, BSI 133, YXE 146, ?

A. UDB 159

B. WBZ 161

C. WDC 161

D. VCA 159

**Q56 General Intelligence & Reasoning**

Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. QI - UO

B. PA - TH



C. XK - BQ

D. NE - RK



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Q57 General Intelligence & Reasoning

If 3 is added to each odd digit and 1 is subtracted from each even digit in the number 6243514, what will be difference between the highest and lowest digits in the number thus formed?

A. 7



B. 8

C. 5

D. 6

Q58 General Intelligence & Reasoning

Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) © & 9 4 5 # 6 2 \$ © 8 2 £ @ & # 5 £ % & # 1 (Right)

How many such symbols are there each of which is immediately preceded by a number and also immediately followed by a symbol?

A. 4

B. 2

C. 3



D. 5

Q59 General Intelligence & Reasoning

ETHC is related to XOMJ in a certain way based on the English alphabetical order. In the same way, CZBE is related to VUGL. To which of the given options is HKQZ related, following the same logic?

A. AFGV

B. AVGH

C. AVGF

D. AFVG

**Q60 General Intelligence & Reasoning**

Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. MR-NK

B. KP-LI

C. IN-JG

D. GL-HF

**General Awareness**

40 Questions • Answer Key

Q61 General Awareness

Which of the following was the first state to be formed on linguistic basis after severe agitation and the death of a protester?

A. Andhra Pradesh



B. Telangana

C. Tamil Nadu

D. Kerala

Q62 General Awareness

India's first exploration licence auction and AI-Driven Mineral Targeting Hackathon was launched in:

A. Maharashtra

B. Goa



C. Telangana

D. Andhra Pradesh

Q63 General Awareness

Which of the following zones receives vertical rays of the Sun throughout the year?

A. Tropical



B. Temperate

C. Polar

D. Frigid

Q64 General Awareness

On 21 May 2025, the Director General of Health Services (DGHS) in Delhi was appointed to oversee the implementation of which two major healthcare initiatives?

A. PM-JAY and National Digital Health Mission

B. Ayushman Bharat Health Infrastructure Mission and Ayushman Arogya Mandir



C. National Health Stack and eSanjeevani

D. Fit India Movement and Swachh Bharat Abhiyan



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Q65 General Awareness

From the 11th through the 18th centuries, what type of literature was the most prominent in medieval India?

- A. Theatrical historical performances
- B. Devotional poetry ✓
- C. Elaborate philosophical discussions
- D. Specialised scientific writings

Q66 General Awareness

Narayana Guru, a social reformer who led a massive movement against the discrimination of the lower castes, was from the state of:

- A. Madhya Pradesh
- B. Kerala ✓
- C. West Bengal
- D. Andhra Pradesh

Q67 General Awareness

Who among the following was honoured as the International Cricket Council (ICC) Men's Cricketer of the Year for outstanding performance in 2024?

- A. Mohammad Sami
- B. Jasprit Bumrah ✓
- C. Rohit Sharma
- D. Virat Kohli

Q68 General Awareness

Which of the following actions will permanently delete a file from an MS Windows system, bypassing the Recycle Bin?

- A. Pressing the Delete key
- B. Selecting the file and pressing Shift + Delete keys ✓
- C. Dragging the file to the Recycle Bin
- D. Right-clicking on the file and selecting 'Delete'

Q69 General Awareness

Which if the following is a landmark judgement of Justice Bela Trivedi, whose official retirement is scheduled for June 2025?

- A. Validity of Unstamped Arbitration Agreement
- B. Ruling on POCSO Act ✓
- C. Euthanasia and the Right to Die with Dignity
- D. Challenge to the Abrogation of Article 370

Q70 General Awareness

What is the name of the patented respiratory device developed by AIIMS Raipur to curb airborne infections in May 2025?

- A. HOAC Combo ✓
- B. AirGuard
- C. OxyShield
- D. RespiraSafe

Q71 General Awareness

In which of the following years was the Right to Information Act passed?

- A. 1973
- B. 2005 ✓
- C. 2007
- D. 1999

Q72 General Awareness

To control over district courts and subordinate judiciary lies with which of the following?

- A. High Court ✓
- B. State Government
- C. President of India
- D. Supreme Court of India

Q73 General Awareness

Geographically, Bhutan is divided into four regions. Which of the following is NOT a name of those divisions?

- A. Western
- B. Southern
- C. Northern ✓
- D. Eastern

Q74 General Awareness

Which city is constructing a 27-metre-tall clock tower at Talkatora Roundabout to enhance its architectural identity?

- A. Jaipur
- B. New Delhi ✓
- C. Kolkata
- D. Mumbai



Q75 General Awareness

The Kopili Hydro Electric Project is located in which Indian state?

A. Assam



B. Sikkim

C. Arunachal Pradesh

D. Meghalaya

Q76 General Awareness

Which issue did the World Economic Forum highlight as the top immediate global threat in its 2025 Global Risks Report published in January 2025?

A. Instability in global markets

B. Resurgence of pandemics

C. Escalating cyberattacks

D. State-based armed conflict

**Q77 General Awareness**

Which of the following is NOT a characteristic of acids?

A. They turn blue litmus red.

B. They have a sour taste.

C. They release OH⁻ ions in water.



D. They react with bases to form salt and water.

Q78 General Awareness

In the Pallava administration, which was the smallest administrative unit directly managed by local self-governing assemblies?

A. Mandala

B. Kottam

C. Nadu

D. Ur

**Q79 General Awareness**

Which state is leading with the highest number of solar power installations under PM Surya Ghar Muft Bijli Yojana (PMSGMBY) by March 2025?

A. Maharashtra

B. Tamil Nadu

C. Uttar Pradesh

D. Gujarat

**Q80 General Awareness**

Which technology uses acoustic waves to locate objects in the ocean?

A. SAR

B. Sonar



C. Echo-sounder

D. LiDAR

Q81 General Awareness

Which key combination is commonly used in Windows OS to open the Task Manager?

A. Ctrl + Shift + Esc



B. Alt + Tab

C. Ctrl + Tab

D. Alt + F4

Q82 General Awareness

Where is the headquarters of the North Western Railway zone located?

A. Hubli

B. Hajipur

C. New Delhi

D. Jaipur

**Q83 General Awareness**

Which company received the 'Champion Company' award at the inaugural CII Awards for Excellence in Disability Inclusion in 2025?

A. Minda Corporation

B. Amazon

C. Zomato

D. Wipro Limited

**Q84 General Awareness**

In May 2025, who was appointed as Secretary, Department of Revenue, Ministry of Finance?

A. Shankar Lal Kumawat

B. Arvind Shrivastava



C. Ajay Seth

D. Smarak Swain



Q85 General Awareness

Why can Gross Enrollment Ratio (GER) sometimes exceed 100%?

- A. Due to school mergers in rural areas
- B. Due to enrollment of learners outside the official age group ✓
- C. Due to inclusion of post-graduate students
- D. Because of errors in census data

Q86 General Awareness

According to the PLFS Annual Report (July 2023–June 2024), which Indian state made history in 2025 by becoming the first to achieve full literacy?

- A. Himachal Pradesh
- B. Kerala
- C. Sikkim
- D. Mizoram ✓

Q87 General Awareness

In which of the following groups does hydrogen belong?

- A. Group 2
- B. Group 17
- C. Group 1 ✓
- D. Group 18

Q88 General Awareness

In post 1991 reforms, the term 'disinvestment' refers to:

- A. selling government's share in public sector companies ✓
- B. reducing foreign trade
- C. increasing taxes
- D. reducing agricultural subsidies

Q89 General Awareness

When was the Basel Convention adopted on the Control of Transboundary Movements of Hazardous Wastes and their Disposal?

- A. 1989 ✓
- B. 1993
- C. 1995
- D. 1991

Q90 General Awareness

The Bhabar region lies in which part of the Great Plains?

- A. Along the Brahmaputra basin
- B. West of Indus plain
- C. Just south of the Terai
- D. Adjacent to the foothills of the Himalayas ✓

Q91 General Awareness

In April 2025, the Cabinet Committee on Economic Affairs has approved the development of a Greenfield High-Speed Corridor connecting which two states on NH-06 under Hybrid Annuity Mode (HAM)?

- A. Tripura and Mizoram
- B. Meghalaya and Assam ✓
- C. Manipur and Mizoram
- D. Assam and Nagaland

Q92 General Awareness

In which of the following years did Vodafone start its journey in India?

- A. 2009
- B. 2002
- C. 2007 ✓
- D. 2005

Q93 General Awareness

Which British law was a major influence on the Indian Constitution's institutional framework?

- A. Government of India Act, 1935 ✓
- B. Indian Independence Act, 1947
- C. Rowlatt Act, 1919
- D. Indian Councils Act, 1909

Q94 General Awareness

The 'Kundara Proclamation' which openly called for taking up arms against the British, is associated with which of the following freedom fighters?

- A. Wazir Ali Khan
- B. Kattabomman Nayakan
- C. Velu Thampi ✓
- D. Gajapatiraju



Q95 General Awareness

Which of the following is the correct descending order of ministerial ranks in the Union Council of Ministers, as per Indian practice?

- A. Cabinet Minister → Minister of State → Deputy Minister ☒
- B. Deputy Minister → Minister of State → Cabinet Minister
- C. Minister of State → Cabinet Minister → Deputy Minister
- D. Cabinet Minister → Deputy Minister → Minister of State

Q96 General Awareness

The Parthians originated from which of the following countries?

- A. Saudi Arabia
- B. Iraq
- C. Turkey
- D. Iran ☒

Q97 General Awareness

In which of the following years was the Pradhan Mantri Gram Sadak Yojana (PMGSY) launched by the Government of India to provide connectivity to unconnected habitations as part of a poverty reduction strategy?

- A. 1997
- B. 2000 ☒
- C. 2002
- D. 2005

Q98 General Awareness

Which folk dance of Himachal Pradesh was recognised in the Guinness Book of World Records (2015) for having the largest number of participants performing simultaneously at a single venue?

- A. Kullu Nati ☒
- B. Kharait
- C. Kiang
- D. Kinnauri

Q99 General Awareness

Which of the following important Indian festivals was observed on 13th and 14th March 2025?

- A. Holi ☒
- B. Eid-ul-Fitr
- C. Diwali
- D. Raksha Bandhan

Q100 General Awareness

To pass a Constitutional Amendment Bill in the Lok Sabha, which of the following correctly states the minimum support required?

- A. Simple majority of Lok Sabha members and two-thirds of Rajya Sabha members present and voting
- B. Majority of the total membership and two-thirds of members present and voting ☒
- C. Two-thirds majority of the total membership of the House
- D. Unanimous vote of all Members of Parliament



Mathematics

30 Questions • Answer Key

Q1 Mathematics

In $\triangle ABC$, $BD \perp AC$ at D and $\angle DBC = 25^\circ$. E is a point on BC such that $\angle CAE = 80^\circ$. What is the measure of $\angle AEB$?

A. 146° B. 145° ✓C. 140° D. 139°

Q2 Mathematics

Find the surface area of a sphere whose diameter is equal to 14 cm.

A. $1102\pi \text{ cm}^2$ B. $1104\pi \text{ cm}^2$ C. $34\pi \text{ cm}^2$ D. $196\pi \text{ cm}^2$ ✓

Q3 Mathematics

Find the value of: $26^{-19} \div 26^{18} \times 26^3$

A. 26^{-35} B. 26^{-34} ✓C. 26^{-40} D. 26^{-45}

Q4 Mathematics

Sapna invested ₹20,400 on simple interest, partly at the rate of 14% per annum and partly at the rate of 11% per annum. If she earns equal interests from the two investments after 9 years, then find the sum invested at the rate of 14% per annum (in ₹).

A. 8,976 ✓

B. 8,977

C. 8,975

D. 8,979

Q5 Mathematics

The average of first 155 even numbers is

A. 155.5

B. 157

C. 156 ✓

D. 156.5

Q6 Mathematics

The HCF and the LCM of two numbers are 6 and 264, respectively. If one of the numbers is 66, find the other one.

A. 35

B. 105

C. 115

D. 24 ✓

Q7 Mathematics

Zeeshan travels 294 km at 42 km/hr, the next 210 km at 30 km/hr and the next 330 km at 66 km/hr. What is his average speed (in km/hr) for the whole journey? (Round off your answer to two decimal places)

A. 48.89

B. 40.17

C. 43.89 ✓

D. 36.24

Q8 Mathematics

A shopkeeper lists the price of a fan at 25% above its cost price and offers a 16% discount on its list price. If he earns a profit of ₹140, then what is the list price (in ₹) of the fan?

A. 3,500 ✓

B. 3,345

C. 3,702

D. 3,257

Q9 Mathematics

The population of a district is 368000, out of which 220000 are males. 62% of the population is literate. If 62% males are literate, then what percentage of females are literate?

A. 63%

B. 62% ✓

C. 59%

D. 60%



Q10 Mathematics

A bus travelling at 48 km/hr completes a journey in 9 hours. What should be its speed to cover the same distance in 12 hours?

A. 36 km/hr



B. 37 km/hr

C. 29 km/hr

D. 26 km/hr

Q11 Mathematics

An item marked for ₹39,250 is sold at ₹32,499 after allowing two successive discounts of $x\%$ and 10% . Find the value of x .

A. 10

B. 9

C. 8



D. 12

Q12 Mathematics

If 20% of first number is equal to four-fifths of second number, what is the ratio of first number to the second number?

A. 6 : 2

B. 7 : 4

C. 4 : 1



D. 1 : 6

Q13 Mathematics

The marks scored by 10 students are given below.
13, 20, 15, 13, 19, 12, 12, 11, 13, 10
The mode of the given data is:

A. 20

B. 19

C. 13



D. 15

Q14 Mathematics

6 men can complete a piece of work in 9 days, while 6 women can do it in 6 days. In how many days can 2 women and 3 men complete this work?

A. 9 days



B. 11 days

C. 10 days

D. 12 days

Q15 Mathematics

Which of the following numbers is divisible by 14?

A. 6794266

B. 7048048



C. 6436639

D. 7132968

Q16 Mathematics

Priya, Deepak, and Simran invest ₹1,370, ₹1,500, and ₹1,230, respectively, to start a business. If the profit at the end of the year is ₹1,010, then what is the share of Simran in the profit?

A. ₹300

B. ₹303



C. ₹304

D. ₹306

Q17 Mathematics

The product of two consecutive positive natural numbers is 812. The greater of the two numbers is:

A. 24

B. 42

C. 29



D. 27

Q18 Mathematics

Salman and Vivek together invested ₹45,200 in a business. At the end of the year, out of a total profit of ₹16,000, Vivek's share was ₹6,400. What was the difference between their investments?

A. ₹9,093

B. ₹10,752

C. ₹7,053

D. ₹9,040

**Q19 Mathematics**

If 2 times Mary's present age is 27 years more than 5 times Dia's present age, and 7 times Dia's present age is 9 years less than Mary's present age, then what is the difference (in years) between the ages of Mary and Dia?

A. 15



B. 17

C. 13

D. 11



Q20 Mathematics

The number of prime numbers lying between 430 and 438, both included, is:

- A. 3
- B. 4
- C. 6
- D. 2

**Q21 Mathematics**

93 light bulbs were purchased for ₹93, and 19 light bulbs broke in transit. The trader sold the remaining light bulbs at ₹1.40 each. Find his profit.

- A. ₹10.20
- B. ₹10.10
- C. ₹10.60
- D. ₹10.30

**Q22 Mathematics**

Pipe A can fill a tank in 16 hours, pipe B can fill the same tank in 28 hours and pipe C can fill the same tank in 8 hours. The time taken by them to fill the same tank if they operate together is::

- A. $8\frac{12}{25}$ hours
- B. $4\frac{12}{25}$ hours
- C. $11\frac{12}{25}$ hours
- D. $2\frac{12}{25}$ hours

**Q23 Mathematics**

An item is marked for ₹18,000. A shopkeeper gives two successive discounts of 10% and 5%. What is its selling price?

- A. ₹16,390
- B. ₹15,390
- C. ₹17,390
- D. ₹14,390

**Q24 Mathematics**

Find the value of $\frac{1 - \sec^2\theta}{\sin^2\theta} \times \cos^2\theta$.

- A. -1
- B. $\tan\theta$
- C. $\tan^2\theta$
- D. 1



Q25 Mathematics

The value of $\sqrt{256} + \sqrt{0.0256} - \sqrt{4.41}$ is _____.

- A. 7.4
- B. 13.18
- C. 14.06
- D. 13.37

**Q26** Mathematics

By how much is 65% of 75 greater than $\frac{2}{5}$ of 55?

- A. 24.75
- B. 23.75
- C. 26.75
- D. 20.75

**Q27** Mathematics

Find the value of x satisfying: $2(3x^2 - 6) - 3(2x^2 + 8x - 5) = 14$

- A. $-\frac{13}{24}$
- B. $-\frac{19}{24}$
- C. $-\frac{11}{24}$
- D. $-\frac{17}{24}$

**Q28** Mathematics

The curved surface area of a right circular cylinder is 5280 cm^2 and its base radius is 21 cm. Find the volume (in cm^3) of the cylinder.

{ Take $\pi = \frac{22}{7}$ }

- A. 50,440
- B. 65,660
- C. 45,550
- D. 55,440



Q29 Mathematics

The simple interest on a certain sum for $8\frac{4}{7}$ years at the rate of 6.8% per annum is ₹7,344.

What will be the amount payable on the same sum at the rate of 9.7% per annum simple interest in $6\frac{2}{3}$ years?

A. ₹20,745

B. ₹20,765

C. ₹20,761

D. ₹20,748

**Q30 Mathematics**

The value of $\frac{5}{2} + \left(\frac{1}{1 + \frac{3}{8}} \right) - \frac{3}{5}$ is

A. $\frac{32}{215}$

B. $\frac{289}{110}$

C. $\frac{21}{214}$

D. $\frac{13}{219}$

**General Intelligence & Reasoning**

30 Questions • Answer Key

Q31 General Intelligence & Reasoning

EGLU is related to IKOX in a certain way based on the English alphabetical order. In the same way, UWXG is related to YAAJ. To which of the given options is GIGP related, following the same logic?

A. KMJS



B. KJSM

C. KSDF

D. KMSJ

Q32 General Intelligence & Reasoning

GBNS is related to EYPV in a certain way based on the English alphabetical order. In the same way, CVRY is related to ASTB. To which of the following is YPVE related, following the same logic?

A. XLYF

B. VNXG

C. WMXH



D. VLWF

Q33 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. IBE



B. QJN

C. TMQ

D. NGK



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Q34 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. WY-RU

B. RT-MO



C. OQ-JM

D. UW-PS

Q35 General Intelligence & Reasoning

Niku ranked 24th from the top and 13th from the bottom in his class. How many students are there in his class?

A. 36



B. 37

C. 34

D. 35

Q36 General Intelligence & Reasoning

Seven boxes T, U, V, W, X, Y and D are kept one over the other but not necessarily in the same order. T is kept immediately above D. U is kept immediately above W. Only V is kept above Y. Only one box are kept between V and T. Only two boxes are kept between Y and X. How many boxes are kept between W and V?

A. Five



B. Two

C. One

D. Four

Q37 General Intelligence & Reasoning

In a certain code language, 'SAID' is coded as '6175' and 'DIMS' is coded as '7691'. What is the code for 'M' in the given code language?

A. 7

B. 9



C. 6

D. 1

Q38 General Intelligence & Reasoning

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.

Statements: All lions are tigers. No lion is a cat.

Conclusions (I): Some cats are lions.

Conclusions (II): Some tigers are lions.

A. Neither conclusion (I) nor (II) follows.

B. Only conclusion (II) follows.



C. Both conclusions (I) and (II) follow.

D. Only conclusion (I) follows.

Q39 General Intelligence & Reasoning

In a certain code language,
'A = B' means 'A is the wife of B',
'A ≠ B' means 'A is the father of B',
'A # B' means 'A is the brother of B' and
'A % B' means 'A is the son of B'.

How is S related to P if 'S ≠ Y # R = U % P'?

A. Son's wife's mother

B. Son's wife's sister

C. Son's wife's brother

D. Son's wife's father

**Q40 General Intelligence & Reasoning**

What should come in place of the question mark (?) in the given series?

679 680 684 693 709 ?

A. 739

B. 741

C. 734



D. 731

Q41 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. HY - DD



B. IL - FQ

C. QE - NJ

D. WR - TW



Q42 General Intelligence & Reasoning

Nikhil ranked 18th from the top and 36th from the bottom in his class. How many students are there in his class?

A. 55

B. 53



C. 54

D. 52

Q43 General Intelligence & Reasoning

H, I, J, K, U, V and W are sitting around a circular table facing the centre of the table.

U sits fourth to the left of V. H sits fourth to the right of J. Only two people sit between V and J when counted from the left of V. K is not an immediate neighbour of H or V. I is not an immediate neighbour of K.

Who sits third to the right of W?

A. I



B. K

C. U

D. H

Q44 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series?

450 455 461 466 472 477 483 ?

A. 490

B. 488



C. 489

D. 487

Q45 General Intelligence & Reasoning

Town J is to the west of town M. Town N is to the south of Town M. Town K is to the west of Town N. Town L is to the south of town N. What is the position of town L with respect to town K?

A. Southwest

B. Southeast



C. Northeast

D. Northwest

Q46 General Intelligence & Reasoning

In the following number-pairs, the second number is obtained by applying certain mathematical operations to the first number. Select the pair in which the numbers are related in the same way as are the numbers of the following pairs.

(Note: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g., 13 – Operations on 13 such as adding/subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

108, 54

78, 39

A. 96, 48



B. 54, 18

C. 65, 13

D. 12, 24

Q47 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series?

18 58 47 145 134 ?

A. 426

B. 408

C. 406



D. 460

Q48 General Intelligence & Reasoning

Six people, E, F, G, H, I and P, are sitting in a row, facing north. Only two people sit to the left of P. Only two people sit between P and E. Only one person sits between E and H. Only I sits between P and G. How many people sit between F and I?

A. Three

B. Zero

C. Two



D. One



Q49 General Intelligence & Reasoning

Read the given statement(s) and conclusions carefully. Assuming that the information given in the statement(s) is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statement(s).

Statements:

Some guns are roses.
All roses are bats.

Conclusions:

- (I) Some guns are bats.
(II) All bats are roses.

A. Neither conclusion (I) nor (II) follows.

B. Only conclusion (I) follows. ✓

C. Both conclusions (I) and (II) follow.

D. Only conclusion (II) follows.

Q50 General Intelligence & Reasoning

Govind starts from Point Y and drives 12 km towards west. He then turns right and drives 37 km, takes a left turn, drives 18 km, turns left and drives 63 km. He then takes a right turn and drives 19 km. He takes a right turn, drives 35 km, turns left, drives 32 km, then turns left and drives 9 km to stop at Point Z. How far (shortest distance) and towards which direction should he drive in order to reach Point Y again? (All turns are 90° turns only unless specified.)

A. 84 km towards west

B. 71 km towards west

C. 81 km towards east ✓

D. 77 km towards east

Q51 General Intelligence & Reasoning

In the following triads, each group of letters is related to the subsequent one following a certain logic. Select from the given options, the one which follows the same logic.

MINK - IKNM - KNIM
PLOT - LTOP - TOLP

A. CORD - ODRC - DROC ✓

B. TOES - OTES - SOET

C. WAIT - AWIT - TAIW

D. READ - RAED - DAER

Q52 General Intelligence & Reasoning

Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

HMI 3, JOK 6, LQM 9, NSO 12, ?

A. OUQ 15

B. PTP 20

C. MTP 20

D. PUQ 15 ✓

Q53 General Intelligence & Reasoning

Each of the digits in the number 6243514 is arranged in ascending order from left to right. The position of how many digits will remain unchanged as compared to that in the original number?

A. Two

B. One ✓

C. None

D. Three

Q54 General Intelligence & Reasoning

What will come in the place of the question mark (?) in the following equation, if '+' and 'x' are interchanged, and '-' and '÷' are interchanged?

$$42 - 7 \times 12 + 3 \div 13 = ?$$

A. 22

B. 29 ✓

C. 11

D. 15

Q55 General Intelligence & Reasoning

Refer to the following number, symbol series and answer the question that follow. Counting to be done from left to right only.

(Left) ? 7 3 ? 2 5 3 ^ # + * @ 2 7 # & 5 2 * # 2 (Right)

How many such symbols are there each of which is immediately preceded by a number and also immediately followed by a number?

A. Three

B. Four

C. Two

D. One ✓



Q56 General Intelligence & Reasoning

Each of the digits in the number 2436857 is arranged in ascending order from left to right. What will be the sum of the digits which are third from the left and second from the right in the new number thus formed?

A. 11



B. 12

C. 9

D. 10

Q57 General Intelligence & Reasoning

In a certain code language, 'GIRL' is coded as '5317' and 'INKS' is coded as '2146'. What is the code for 'I' in the given code language?

A. 1



B. 3

C. 4

D. 2

Q58 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series based on the English alphabetical order?

GBD IDF KFH MHJ ?

A. PQS

B. OJL



C. PJS

D. OQK

Q59 General Intelligence & Reasoning

What will come in the place of the question mark (?) in the following equation, if '÷' and '-' are interchanged and 'x' and '+' are interchanged?

$$15 + 7 \div 7 \times 48 - 2 + 23 \times 4 = ?$$

A. 559

B. 612

C. 716

D. 654

**Q60 General Intelligence & Reasoning**

This question is based on the five, three-digit numbers given below.

(Left) 384 673 543 236 741 (Right)

(Example- 697 – First digit = 6, second digit = 9 and third digit = 7)

(NOTE: All operations to be done from left to right.)

If 2 is added to the first digit of every number, in how many numbers will the first digit be exactly divisible by the second digit?

A. 0



B. 3

C. 2

D. 1

General Awareness

40 Questions • Answer Key

Q61 General Awareness

The Chagos Archipelago, recently in the news, is a disputed territory between which two countries?

A. United Kingdom and India

B. United States and United Kingdom

C. United Kingdom and Mauritius



D. France and Mauritius

Q62 General Awareness

Which Indian State contributes the most to commercial floriculture cultivation, accounting for more than 20% of the country's total production in FY 2024?

A. Tamil Nadu



B. West Bengal

C. Chhattisgarh

D. Gujarat



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Q63 General Awareness

Article 19 of the Indian Constitution guarantees six freedoms. Which of the following is NOT one of them?

- A. Freedom of speech and expression
- B. Freedom from arrest ☒
- C. Freedom to form associations or unions
- D. Freedom to move freely throughout the territory of India

Q64 General Awareness

Identify whether the given statements are correct or incorrect with respect to INDRA 2025.

Statement 1: It is a bilateral naval exercise between India and South Africa.

Statement 2: The 14th edition of this exercise included a wide range of activities and structured drills designed to enhance interoperability towards countering common maritime threats.

- A. Statement 1 is correct and 2 is incorrect
- B. Both Statements 1 and 2 are correct
- C. Statement 2 is correct and 1 is incorrect ☒
- D. Both Statements 1 and 2 are incorrect

Q65 General Awareness

Which agency developed the Vikram 3201 and Kalpana 3201 microprocessors for space applications in 2025?

- A. ISRO ☒
- B. BEL
- C. DRDO
- D. BARC

Q66 General Awareness

According to IQAir's World Air Quality Report released in March 2025, which place in Meghalaya is the most polluted globally?

- A. Shillong
- B. Jowai
- C. Tura
- D. Byrnihat ☒

Q67 General Awareness

Womesh Chandra Bonnerjee represented Calcutta University in the Bengal Legislative Council during _____.

- A. 1889 - 1890
- B. 1886 - 1887
- C. 1894 - 1895 ☒
- D. 1899 - 1900

Q68 General Awareness

Which of the following is a preventive measure for nuclear disasters?

- A. Constructing nuclear plants near residential areas
- B. Ignoring minor radiation leaks to avoid panic
- C. Disposing radioactive waste without treatment
- D. Comprehensive monitoring and regular testing to detect equipment or operator failures ☒

Q69 General Awareness

Where was Gandhi's method of Satyagraha first evolved and later fully developed as a freedom struggle tool in India?

- A. Champaran ☒
- B. Bombay
- C. South Africa
- D. Kheda

Q70 General Awareness

Who among the following became the first Indian chess player to qualify for the Esports World Cup (EWC) 2025 through the second leg of the Champions Chess Tour?

- A. Bhubaneswar Kumar
- B. Arjun Erigaisi ☒
- C. Praggnanandhaa Rameshbabu
- D. Pentala Harikrishna

Q71 General Awareness

The Lion Capital located at Sarnath, which is adopted as the national emblem of the Republic of India, was erected by which of the following Mauryan kings?

- A. Bindusara
- B. Devavarman Maurya
- C. Ashoka ☒
- D. Samprati Maurya



Q72 General Awareness

The Right to Public Services legislation was first introduced by which Indian state?

- A. Karnataka
- B. Maharashtra
- C. Bihar
- D. Madhya Pradesh

**Q73 General Awareness**

Which of the following is considered a poor file management practice on a computer system?

- A. Creating separate folders for documents, images and videos
- B. Saving temporary files in unrelated and scattered folders
- C. Giving files meaningful and descriptive names
- D. Using nested folders to organise large sets of data

**Q74 General Awareness**

Recipient of President's Medal For Distinguished Service (PSM) on the occasion of Republic Day 2025, Shri Deepak Kumar Kedia belongs to which of the following organisations?

- A. Indo-Tibetan Border Police (ITBP)
- B. National Security Guard (NSG)
- C. Central Reserve Police Force (CRPF)
- D. Central Industrial Security Force (CISF)

**Q75 General Awareness**

The initial form of Odissi dance was performed by women serving in temples. What was their traditional designation?

- A. Maharis
- B. Maibis
- C. Devadasis
- D. Maharani

**Q76 General Awareness**

What does the abbreviation 'SRAM' stand for in computer memory?

- A. Static Random Access Memory
- B. Static Read Access Memory
- C. Standard Random Access Memory
- D. Synchronous Read Access Memory

**Q77 General Awareness**

Which medical term describes an eating disorder in which energy expenditure is restricted below requirements, leading to significant weight loss?

- A. Orthorexia Nervosa
- B. Diabulimia Nervosa
- C. Bulimia Nervosa
- D. Anorexia Nervosa

**Q78 General Awareness**

The 'Special Food Grain Production Programme (SFPP) on Pulses' was implemented during the year ____.

- A. 1972-73
- B. 1968-69
- C. 1988-89
- D. 1982-83

**Q79 General Awareness**

What is the rank of the services sector in terms of the top recipient of FDI equity in FY 2024-25, as per the data of Ministry of Commerce and Industry?

- A. Third
- B. First
- C. Fourth
- D. Second

**Q80 General Awareness**

What was the name of the Indian contender at the 72nd edition of the Miss World, 2025, pageant, held in Telangana?

- A. Rhea Singha
- B. Nikita Porwal
- C. Tanya Sharma
- D. Nandini Gupta

**Q81 General Awareness**

Which Article provides for the formation of Ward Committees in Municipal areas?

- A. Article 243Z
- B. Article 243T
- C. Article 243S
- D. Article 243R



Q82 General Awareness

Which of the following statements about the Peninsular Plateau of India is NOT correct?

- A.** The Peninsular plateau consists of three broad divisions, namely, the Northern Highlands, Central Highlands and the Deccan Plateau. ☒
- B. The Peninsular plateau is a tableland composed of the old crystalline, igneous and metamorphic rocks.
- C. The Deccan Plateau is a triangular landmass that lies to the south of the river Narmada.
- D. The Western Ghats are higher than the Eastern Ghats.

Q83 General Awareness

Rural infrastructure development is crucial to improve connectivity and access to markets and services. Which scheme focuses on providing all-weather road connectivity to unconnected habitations?

- A.** Pradhan Mantri Gram Sadak Yojana ☒
- B. Pradhan Mantri Awas Yojana
- C. Saansad Adarsh Gram Yojana
- D. Deendayal Antyodaya Yojana - National Rural Livelihoods Mission

Q84 General Awareness

The Golden Temple, which is situated in Amritsar, Punjab, is alternatively known as ____.

- A. Gurudwara Hemkunt Sahib
- B. Akal Takht
- C.** Sri Harmandir Sahib ☒
- D. Anandpur Sahib

Q85 General Awareness

Which of the following is classified as micronutrients?

- A. Carbohydrates
- B.** Vitamins ☒
- C. Proteins
- D. Fats

Q86 General Awareness

Which Indian athlete won gold in the women's high jump at the 2025 Asian Athletics Championships?

- A. Sahana Kumari
- B. Swapna Barman
- C.** Pooja Singh ☒
- D. Nandini Agasara

Q87 General Awareness

According to the exercise brief published by PIB, from 10–23 March 2025, Exercise Khanjar-XII, the Joint Special Forces Drill between India and Kyrgyzstan focused primarily on:

- A. amphibious warfare
- B. air defense operations
- C.** counter-terrorism ☒
- D. naval fleet manoeuvres

Q88 General Awareness

As of March 14, 2024, which of the following is the world's highest railway bridge?

- A. Jubilee Bridge
- B. Nehru Setu Bridge
- C. Vikramshila Setu
- D.** Chenab Bridge ☒

Q89 General Awareness

The first systematisation of the Jain canonical literature took place at ____.

- A. Lumbini
- B. Mathura
- C.** Pataliputra ☒
- D. Vallabhi

Q90 General Awareness

What significant change did the Securities and Exchange Board of India (SEBI) implement in 2025 regarding derivatives trading?

- A.** Introduction of limits on open positions in index options to reduce trading risks ☒
- B. Allowing unrestricted foreign investment in derivatives
- C. Eliminating the derivatives market entirely
- D. Lifting all trading regulations to enhance India's appeal to investors



Q91 General Awareness

What was the Supreme Court's decision regarding the Kamla Nehru Memorial Trust's land allotment in Uttar Pradesh?

- A. Directed the state to provide alternative land
- B. Cancelled the land allotment due to lack of public benefit assessment ✓
- C. Ordered compensation to the Trust
- D. Upheld the land allotment due to considerable public benefit assessment

Q92 General Awareness

Which of the following Indian states has all three types of physical divisions – plateau, plains, and coastal plains?

- A. Uttar Pradesh
- B. Punjab
- C. Madhya Pradesh
- D. Tamil Nadu ✓

Q93 General Awareness

Which of the following Acts marked the beginning of British parliamentary control over the East India Company?

- A. Regulating Act of 1773 ✓
- B. Charter Act of 1813
- C. Pitt's India Act of 1784
- D. Government of India Act, 1858

Q94 General Awareness

Who initiated the Sampoorna Grameen Rozgar Yojana (SGRY)?

- A. Central Government ✓
- B. State Governments
- C. Panchayati Raj Institutions
- D. Private Sector

Q95 General Awareness

What is the total worth of the Urban Challenge Fund (UCF) announced in the Union Budget 2025–26 to encourage innovative urban development?

- A. ₹1 lakh crore ✓
- B. ₹2 lakh crore
- C. ₹5 lakh crore
- D. ₹50,000 crore

Q96 General Awareness

Which of the following Directive Principles of State Policy is provided under Article 43A of the Indian Constitution?

- A. Participation of workers in industrial management ✓
- B. Right to education
- C. Promotion of international peace
- D. Living wage for workers

Q97 General Awareness

In 2025, the Indian government approved the setup of which numbered launch pad at Sriharikota?

- A. Launch Pad Three ✓
- B. Launch Pad One
- C. Launch Pad Four
- D. Launch Pad Zero

Q98 General Awareness

Under the Legal Services Authorities Act, 1987, Lok Adalats have no jurisdiction to settle which of the following cases?

- A. Civil disputes pending in court
- B. Divorce and non-compoundable criminal cases ✓
- C. Motor accident claims
- D. Compoundable criminal offences

Q99 General Awareness

Which geographical feature separates India from Sri Lanka?

- A. Palk Strait and Gulf of Mannar ✓
- B. Gulf of Aden
- C. Strait of Hormuz
- D. Gulf of Kutch

Q100 General Awareness

Who, in 1816, modified Newton's formula for the speed of sound to take into account adiabatic compression in air?

- A. Lord Rayleigh
- B. Galileo Galilei
- C. Pierre-Simon Laplace ✓
- D. Hermann von Helmholtz



Mathematics

30 Questions • Answer Key

Q1 Mathematics

The sum of two numbers is 57 and their L.C.M. is 812. What are the two numbers?

A. 26, 31

B. 33, 24

C. 28, 29



D. 21, 36

Q2 Mathematics

Evaluate: $(-9) - (-60) \div (-10) + (-3) \times 6$

A. -36

B. -35

C. -33



D. -32

Q3 Mathematics

Seven times the present age of P exceeds the present age of Q by 46 years. After 8 years, six times Q's age will be 24 years less than six times P's age at that time. What is the present age (in years) of Q?

A. 11

B. 12

C. 3



D. 5

Q4 Mathematics

Find the simple interest (in ₹) on ₹1,200 at an interest rate of 3% per month for 11 months.

A. ₹396



B. ₹53

C. ₹33

D. ₹66

Q5 Mathematics

$\sin(90 - x) \cos(180 - (x - y)) + \cos(90 - x) \sin(180 - (y - x))$. चे मूल्य शोधा.

A. $-\cos y$ B. $\sin y$ C. $-\sin y$ D. $\cos y$

Q6 Mathematics

The sum of the squares of two consecutive odd natural numbers is 394. The sum of the numbers is:

A. 22

B. 24

C. 28



D. 32

Q7 Mathematics

The sum of five numbers is 655. The average of the first two numbers is 80 and the third number is 101. Find the average of the remaining two numbers.

A. 181

B. 197



C. 198

D. 182

Q8 Mathematics

If the third proportional of 81 and 27 is x, then what is the value of x?

A. 7

B. 11

C. 9



D. 6

Q9 Mathematics

Find the simple interest (in ₹) on ₹4,000 at 6.75% per annum rate of interest deposited on 22 February 2024 and withdrawn on 23 April 2024.

A. ₹44

B. ₹45



C. ₹43

D. ₹46



Q10 Mathematics

A number when increased by 80% gives 2790. The number is:

- A. 4650
- B. 1550
- C. 775
- D. 3100

**Q11 Mathematics**

The average weight of Vipul, Mohan and Mohammad is 45 kg. If the average weight of Vipul and Mohan is 43 kg and that of Mohan and Mohammad is 50 kg, then the weight of Mohan (in kg) is:

- A. 61
- B. 66
- C. 51
- D. 71

**Q12 Mathematics**

Which of the following numbers divides 4,81,355?

- A. 3
- B. 5
- C. 15
- D. 6

**Q13 Mathematics**

Ritik and Sanjay together invested ₹79,200 in a business. At the end of the year, out of a total profit of ₹16,500, Sanjay's share was ₹3,600. What was the difference between their investments?

- A. ₹46,400
- B. ₹42,889
- C. ₹42,824
- D. ₹44,640

**Q14 Mathematics**

A train with a length of 195 m overtakes a man moving at a speed of 5 km/hr (in the same direction) in 13 seconds. How much time (in seconds) will it take this train to completely cross another train that is 255 m long, moving in the opposite direction at a speed of 76 km/hr?

- A. 13
- B. 32
- C. 12
- D. 31

**Q15 Mathematics**

A shopkeeper marked the price of a table as ₹1,400 and offered two successive discounts, one of which is 12%. If a customer pays ₹1,133.44 for the table, then what was the second discount percentage offered?

- A. 5%
- B. 15 %
- C. 8%
- D. 10%

**Q16 Mathematics**

Rahul buys a box of pens (listed price of ₹900) with a trade discount of 30%. What is the net price?

- A. ₹630
- B. ₹700
- C. ₹600
- D. ₹750

**Q17 Mathematics**

Simplify the given expression.

$$x(3x - 5) + 5(x^2 - 3) + 16$$

- A. $8 \times 2 - 5x - 1$
- B. $8 \times 2 - 5x + 1$
- C. $8 \times 2 - 5x - 1$
- D. $-8 \times 2 - 5x - 1$

**Q18 Mathematics**

P, Q and R invested a sum in the ratio of 34 : 75 : 6, respectively. If they earned a total profit of ₹3,600 at the end of the year, what is the difference between the shares of Q and R?

- A. ₹2,316
- B. ₹2,109
- C. ₹2,264
- D. ₹2,160



Q19 Mathematics

The current population of a town is 12,014. It increases by 25% and 60% in two successive years but decreases by 50% in the third year. What is the population of the town at the end of the third year?

A. 12,019

B. 12,014

C. 12,015

D. 12,013

Q20 Mathematics

The greatest number that divides 131, 91, and 215, leaving remainders 8, 9, and 10 respectively, is:

A. 37

B. 57

C. 41

D. 61

Q21 Mathematics

The area of a triangle is 1080 cm^2 and its sides are in the ratio 5 : 12 : 13. The perimeter of the triangle is:

A. 150 cm

B. 180 cm

C. 120 cm

D. 210 cm

Q22 Mathematics

What smallest number should be added to 91673 so that the sum is completely divisible by 88?

A. 23

B. 21

C. 24

D. 26

Q23 Mathematics

Given that $58^{0.5} = x$, $58^{0.79} = y$ and $x^z = y^{10}$, then the value of z is close to:

A. 15.8

B. 15.54

C. 16.7

D. 18.48

Q24 Mathematics

A man goes to Nagpur from Visakhapatnam at a speed of 55 km/hr and returns to Visakhapatnam at speed of 66 km/hr, through the same route. What is his average speed (in km/hr) of the entire journey?

A. 55

B. 58

C. 63

D. 60

Q25 Mathematics

A can do a work in 10 days and B can do the same work in 20 days. If they work on it together for 6 days, then what fraction of the work is left?

A. $\frac{1}{10}$ B. $\frac{7}{10}$ C. $\frac{3}{10}$ D. $\frac{11}{10}$ 

Q26 Mathematics

Pipe P can fill $\frac{5}{7}$ part of a tank in 30 hours, and pipe Q can fill $\frac{2}{5}$ part of the same tank in 28 hours.

Both P and Q were kept open for 7 hours, then both were closed. Pipe R alone was then opened and it emptied the water in the tank in 8 hours. Pipes P, Q and R together can fill the empty tank in:

A. 210 hours



B. 204 hours

C. 214 hours

D. 222 hours

Q27 Mathematics

A cylindrical rod has an outer curved surface area of 3300 cm^2 . If the length of the rod is 72 cm, then the outer radius (in cm) of the rod, correct to two places of decimal, is:

Take $\pi = \frac{22}{7}$.

A. 8.31

B. 6.37

C. 7.29



D. 7.36

Q28 Mathematics

A regular polygon has 30 sides. Find the measure of one interior angle.

A. 168°



B. 12°

C. 48°

D. 128°

Q29 Mathematics

By selling an article at $\frac{2}{5}$ of its actual selling price, Nirbhay incurs a loss of 26%.

If he sells it at 84% of its actual selling price, then the profit percentage is:

A. 56.7%

B. 55.4%



C. 57.8%

D. 55.6%



Q30 Mathematics

Pallavi bought a toy for ₹740, decorated it at a cost of ₹16 and sold the toy for ₹558. Find the loss or profit percentage.

A. 550 % loss

B. $\frac{550}{21}$ % loss



C. $\frac{560}{21}$ % profit

D. $\frac{550}{21}$ % profit

General Intelligence & Reasoning

30 Questions • Answer Key

Q31 General Intelligence & Reasoning

In a certain code language, 'PEST' is coded as '6324' and 'PENS' is coded as '8634'. What is the code for 'N' in the given code language?

A. 6

B. 8



C. 3

D. 4

Q32 General Intelligence & Reasoning

Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) £ \$ 7 1 1 @ @ 2 © 5 \$ & @ £ % # 7 € © @ 8 \$ (Right)

How many such numbers are there each of which is immediately preceded by a number and also immediately followed by a symbol?

A. 0

B. 3

C. 1



D. 2

Q33 General Intelligence & Reasoning

Refer to the following number and symbol series and answer the question that follows. All numbers are single-digit. Counting to be done from left to right only.

(Left) % 6 @ 9 * 3 \$ 7 8 ? 1 Ω 2 £ 5 # 4 & (Right)

If all the symbols and even numbers are dropped from the series, which of the following will be fourth from the right end?

A. 9

B. 5

C. 7

D. 3

**Q34 General Intelligence & Reasoning**

Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which is the one that DOES NOT belong to that group? (Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. XT – DG

B. GC – MP

C. TP – ZD



D. BX – HK



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Q35 General Intelligence & Reasoning

BGLY is related to EIOA in a certain way based on the English alphabetical order. In the same way, NOXG is related to QQAI. To which of the given options is WUGM related, following the same logic?

A. ZJOW

B. ZWOJ

C. ZJOI

D. ZWJO

**Q36 General Intelligence & Reasoning**

What should come in place of the question mark (?) in the given series?

31 47 63 79 ? 111 127

A. 101

B. 92

C. 95



D. 85

Q37 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series?

312 296 280 264 ? 232 216

A. 260

B. 242

C. 248



D. 240

Q38 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. TPS



B. NJL

C. QMO

D. LHJ

Q39 General Intelligence & Reasoning

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.

Statements:

Some woods are chisels.

Some chisels are graphs.

Conclusions:

(I) Some woods are graphs.

(II) All graphs are chisels.

A. Neither conclusion (I) nor (II) follows.



B. Only conclusion (II) follows.

C. Only conclusion (I) follows.

D. Both conclusions (I) and (II) follow.

Q40 General Intelligence & Reasoning

If 2 is added to each even digit and 1 is subtracted from each odd digit in the number 5672493, then which of the following digits will be third from the left in the new number thus formed?

A. 4

B. 8

C. 6



D. 2

Q41 General Intelligence & Reasoning

In a certain code language, 'GUNS' is coded as '7642' and 'STUN' is coded as '2364'. What is the code for 'T' in the given code language?

A. 4

B. 2

C. 6

D. 3

**Q42 General Intelligence & Reasoning**

Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

VKQ 142, ZPU 136, DUY 130, HZC 124, LEG 118, ?

A. PJK 112



B. OIL 114

C. QKM 112

D. LKJ 114



Q43 General Intelligence & Reasoning

Five people (A, B, C, D and E) are sitting in a straight line. They all are facing towards the north. B is sitting immediately between C and E. A is sitting third to the left of E. C is sitting second to the right of D. Who is sitting at the extreme left end of line?

A. A

B. D



C. E

D. B

Q44 General Intelligence & Reasoning

In the following number-pairs, the second number is obtained by applying certain mathematical operation(s) to the first number. Select the number-pair in which the numbers are related in the same way as are the numbers of the following pairs.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding to/subtracting from/multiplying with 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

130, 26
225, 45

A. 185, 36

B. 160, 32



C. 155, 30

D. 200, 42

Q45 General Intelligence & Reasoning

Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

GLE25 HMF36 ING47 JOH58 ?

A. KPI69



B. KPJ69

C. KPI68

D. KPJ68

Q46 General Intelligence & Reasoning

Himank starts from Point A and drives 13 km towards West. He then takes a left turn, drives 3 km, turns left and drives 16 km. He then takes a left turn and drives 6 km. He takes a final left turn, drives 3 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90° turns only unless specified.)

A. 4 km to North

B. 3 km to North

C. 4 km to South

D. 3 km to South

**Q47 General Intelligence & Reasoning**

If '+' means 'subtraction', '-' means 'multiplication', 'x' means 'division' and '÷' means 'addition', then what will come in place of the question mark (?) in the following equation?

$$12 + 105 \times 3 \div 14 - 3 = ?$$

A. 30

B. 19



C. 23

D. 27

Q48 General Intelligence & Reasoning

If 2 is added to each even digit and 1 is subtracted from each odd digit in the number 29134576, then what will be the difference between the greatest and smallest digit in the number thus formed?

A. 2

B. 6

C. 4

D. 8

**Q49 General Intelligence & Reasoning**

LGEI is related to RMKO in a certain way based on the English alphabetical order. In the same way, JECG is related to PKIM. To which of the given options is HCAE related, following the same logic?

A. NIKG

B. NIGK



C. INKG

D. INGK



Q50 General Intelligence & Reasoning

Seven boxes F, G, H, M, N, O and P are kept one over the other but not necessarily in the same order. Only two boxes are kept below O. Only one box is kept above N. Only one box is kept between N and H. G is kept immediately above M. F is kept at some place below P. How many boxes are kept between P and G?

A. Four



B. Three

C. Two

D. One

Q51 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. DGF

B. ORQ

C. POT



D. FIH

Q52 General Intelligence & Reasoning

K is the son of I. I is the father of L. L is the mother of O. O is the brother of S. How is K related to O?

A. Brother

B. Wife

C. Father

D. Mother's brother

**Q53 General Intelligence & Reasoning**

In a row of 47 students facing north, Shivangi is 21st from the left end. If Ankit is 22nd to the right of Shivangi, what is Ankit's position from the right end of the line?

A. 3rd

B. 5th



C. 6th

D. 4th

Q54 General Intelligence & Reasoning

DUMB is related to TMCT in a certain way based on the English alphabetical order. In the same way, POYV is related to FGON. To which of the given options is LQUX related, following the same logic?

A. BIPL

B. BIKP



C. BPKI

D. BIPK

Q55 General Intelligence & Reasoning

Read the given statements and conclusions carefully. You have to take the given statements to be true even if they seem to be at variance from commonly known facts. You have to decide which conclusion(s) logically follow(s) from the given statements

Statements:

Some nuts are berries.

All fruits are berries.

Conclusions (I): Some nuts are fruits.

Conclusions (II): All berries are fruits.

A. Only conclusion (I) follows.

B. Both conclusions (I) and (II) follow.

C. Only conclusion (II) follows.

D. Neither conclusion (I) nor (II) follows.

**Q56 General Intelligence & Reasoning**

L, M, N, O, Q, R and S are sitting around a circular table facing the centre of the table.

Only one person sits between N and Q when counted from the left of Q. S sits third to the right of R. L sits third to the left of M. S sits to the immediate right of L. O is not an immediate neighbour of L. How many people sit between O and Q when counted from the right of O?

A. Four

B. Two

C. One

D. Three



Q57 General Intelligence & Reasoning

Binoy starts from Point Y and drives 16 km towards the north. He then takes a right turn and drives 43 km, then turns right and drives 38 km. He then takes a right turn and drives 19 km. He takes a final right turn, drives 22 km and stops at Point Z. How far (shortest distance) and in which direction should he drive in order to reach Point Y again? (All turns are 90-degree turns only unless specified.)

- A. 29 km towards the east
- B. 22 km towards the east
- C. 31 km towards the south
- D. 24 km towards the west

Q58 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series?

670 669 661 634 570 ?

- A. 445
- B. 447
- C. 440
- D. 441

Q59 General Intelligence & Reasoning

Each of the digits in the number 8123457 is arranged in ascending order from left to right. The position(s) of how many digits will remain unchanged as compared to that in the original number?

- A. None
- B. Three
- C. One
- D. Two

Q60 General Intelligence & Reasoning

Seven boxes A, B, C, D, E, F, and G are kept one over the other but not necessarily in the same order. Only four boxes are kept between A and E. Only G is kept above A. Only two boxes are kept between B and C. D is kept immediately above F. C is not kept immediately above D. How many boxes are kept above D?

- A. One
- B. Two
- C. Three
- D. Four

General Awareness

40 Questions • Answer Key

Q61 General Awareness

The Convention on Biological Diversity (CBD) was a result of which global conference?

- A. Paris Agreement
- B. Stockholm Conference
- C. Kyoto Conference
- D. Earth Summit, 1992

Q62 General Awareness

Which type of memory loses all its stored data when the power is turned off?

- A. USB flash drive
- B. Hard disk drive
- C. RAM
- D. ROM

Q63 General Awareness

Which of the following is a characteristic feature of subsistence farming?

- A. Farming for family consumption
- B. Use of modern irrigation techniques
- C. Commercial crop production
- D. Use of high-yielding varieties

Q64 General Awareness

The Rihand Hydroelectric Project is located in which district of Uttar Pradesh?

- A. Sonbhadra
- B. Guna
- C. Robertsganj
- D. Saharanpur



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Q65 General Awareness

Which of the following regional film industries is based in Chennai and produces movies in the Tamil language?

- A. Bollywood
- B. Kollywood ☒
- C. Tollywood
- D. Bollywood

Q66 General Awareness

At the time of independence, which sector contributed the largest share to India's national income?

- A. Agriculture ☒
- B. Industry
- C. Service
- D. Trade

Q67 General Awareness

Which of the following is a shallow desert depression formed by wind erosion?

- A. Deflation hollow ☒
- B. Inselberg
- C. Playa
- D. Pediment

Q68 General Awareness

The Nizam of Hyderabad accepted British subsidiary alliance under _____.

- A. Lord Hastings
- B. Lord Cornwallis
- C. Sir John Shore
- D. Lord Wellesley ☒

Q69 General Awareness

Which resilient and adaptable polymer is frequently found in industrial brushes, toothbrushes, and other cleaning supplies?

- A. Neoprene
- B. Nylon 6, 6 ☒
- C. Terylene
- D. Teflon

Q70 General Awareness

During the colonial period in India, which social reformer worked for widow remarriage and against child marriage in Bengal?

- A. Jyotiba Phule
- B. Swami Vivekananda
- C. Syed Ahmed Khan
- D. Ishwar Chandra Vidyasagar ☒

Q71 General Awareness

Under which of the following conditions is a Tribal Advisory Council (TAC) established in a State?

- A. If there is at least one Scheduled Tribe ☒
- B. If the State has any forest area
- C. When the tribal population exceeds 10%
- D. When the tribal population exceeds 50%

Q72 General Awareness

A significant river of the Indian Desert, Luni originates from western slopes of the Aravalli ranges near which place in Rajasthan?

- A. Rajsamand
- B. Ajmer ☒
- C. Udaipur
- D. Sirohi

Q73 General Awareness

Which of the following is an example of soft infrastructure?

- A. Water pipelines
- B. Public education ☒
- C. Bridges
- D. Airports

Q74 General Awareness

What is the primary aim of the 'Pradhan Mantri Ujjwala Yojana'?

- A. Providing mobile phones to rural households
- B. Providing free education to girls
- C. Providing LPG connections to women ☒
- D. Providing employment in rural areas



Q75 General Awareness

Who was the Union Home Minister of India as of June 2025, following the general elections?

A. Amit Shah



B. Nirmala Sitharaman

C. Piyush Goyal

D. Rajnath Singh

Q76 General Awareness

Which city hosted the opening ceremony of the 2025 National Games?

A. Patna

B. Dehradun



C. Nainital

D. Haridwar

Q77 General Awareness

Which global chip-design conference, returning to San Francisco in June 2025, for its 62nd edition, announced a GenAI Chip Hackathon?

A. DAC



B. ISSCC

C. Hot Chips

D. ICCAD

Q78 General Awareness

Which of the following statements regarding the estimation of India's national and per capita income during the colonial rule is correct?

A. The colonial government never made any sincere attempt to estimate India's national and per capita income.



B. The colonial government estimated India's per capita income but ignored national income.

C. The colonial government estimated India's national and per capita income sincerely every year.

D. The colonial government estimated India's national income but ignored per capita income.

Q79 General Awareness

Which Act created the post of the Governor-General of Bengal?

A. Charter Act, 1813

B. Government of India Act, 1858

C. Pitt's India Act, 1784

D. Regulating Act, 1773

**Q80 General Awareness**

The Faraizi Movement, led by Haji Shariatullah, focused on religious purification and resisting the British in which region?

A. Delhi

B. Gujarat

C. Bengal



D. Punjab

Q81 General Awareness

If an object moves up to four times faster than the speed of sound, the condition is called:

A. supersonic



B. transonic

C. hypersonic

D. subsonic

Q82 General Awareness

Privatisation aims to improve ____ in public enterprises.

A. political influence

B. bureaucratic control

C. government expenditure

D. operational efficiency and competitiveness

**Q83 General Awareness**

Which of the following communities may apply for Indian citizenship after just 6 years of residence, as per the Citizenship (Amendment) Act, 2019?

A. Jews from Israel

B. Buddhists from Nepal

C. Sikhs from Pakistan



D. Hindus from Sri Lanka

Q84 General Awareness

In which border areas did India and China agree on patrolling arrangements along the Line of Actual Control on 21 October 2024?

A. Aksai and Lingzi Thang

B. Depsang and Demchok



C. Rudok and Guge

D. Puga and Chumathang



Q85 General Awareness

Which of the following is INCORRECT about the Harappans?

- A. The most favoured ornaments were beads of carnelian.
- B. The Harappans used only gold to make tools, pots and pans. ✓
- C. The Harappans were engaged in active trade.
- D. They exported ornaments, timber, some objects of daily use.

Q86 General Awareness

Who became the first athlete to break a national record at the Khelo India Para Games 2025 by lifting 101 kg in the 45 kg category powerlifting in March 2025?

- A. Khushboo Gill
- B. Jaspreet Kaur ✓
- C. Sonam Patil
- D. Kavipriya Raja

Q87 General Awareness

Which stone was mainly utilised in building the Chennakeshava Temple in Belur, India?

- A. Soapstone ✓
- B. Granite
- C. Sandstone
- D. Marble

Q88 General Awareness

President Murmu went to which country in April 2025 to represent India at the funeral of Pope Francis?

- A. Vatican City ✓
- B. France
- C. Germany
- D. Italy

Q89 General Awareness

Which of the following Parliamentary Committees of India is considered a 'Financial Committee'?

- A. Committee on Privileges
- B. Committee on Welfare of SCs and STs
- C. Committee on Petitions
- D. Estimates Committee ✓

Q90 General Awareness

What is the main reason behind the formation of lagoons along the Eastern Coastal Plains?

- A. Tectonic activity and fault line shifts
- B. Deposition by rivers and wave action along the coast ✓
- C. Coral reef development and volcanic islands
- D. Sand deposition along the shallow coastlines

Q91 General Awareness

Which 18th-century revolt was led by Raja Chait Singh against British interference in the Benares region in 1781?

- A. Benares Revolt ✓
- B. Santhal Revolt
- C. Chuar Revolt
- D. Kol Revolt

Q92 General Awareness

In how many assembly constituencies were the Delhi Assembly elections held on 5 February 2025?

- A. 78
- B. 70 ✓
- C. 62
- D. 55

Q93 General Awareness

In 2025, the Federation of Indian Associations (FIA) elected Hemant Patel as President for the 2025–2026 term. Where is this organisation based?

- A. New Delhi, India
- B. Chicago, USA ✓
- C. London, UK
- D. Toronto, Canada

Q94 General Awareness

Which Indian state hosted the 38th edition of the National Games in early 2025?

- A. Uttarakhand ✓
- B. Kerala
- C. Goa
- D. Gujarat



Q95 General Awareness

According to the Brønsted-Lowry theory, which of the following defines an acid?

- A. Donates a proton** ✓
- B. Accepts a proton
- C. Donates a hydroxide ion
- D. Accepts an electron pair

Q96 General Awareness

Which scheme has been launched by the Chief Minister of Kerala in May 2025 to educate migrant children?

- A. Jyothi** ✓
- B. Pratibha
- C. Usha
- D. Gargi

Q97 General Awareness

Which of the following allows users to delete a file using the mouse?

- A. Copy the file
- B. Minimize the window
- C. Drag it to the Recycle Bin** ✓
- D. Left-click the file

Q98 General Awareness

In 2025, what does the abbreviation NGLV stand for in ISRO's latest rocket programme?

- A. New Generation Lunar Vehicle
- B. National Geo Lander Vehicle
- C. Nuclear Geo Launch Vehicle
- D. Next Generation Launch Vehicle** ✓

Q99 General Awareness

Which of the following was the official theme for World Meteorological Day celebrated on 23 March 2025?

- A. Weather-Ready, Climate-Smart
- B. Climate Knowledge for Climate Action
- C. Investing in Weather and Climate Services
- D. Closing the Early Warning Gap Together** ✓

Q100 General Awareness

In May 2025, ISRO's Aditya-L1 mission released its first set of scientific data. What is the primary objective of this mission?

- A. Investigate deep space phenomena
- B. Study Mars' atmosphere
- C. Explore the Moon's surface
- D. Observe the Sun's outermost layer** ✓



Mathematics

30 Questions • Answer Key

Q1 Mathematics

Find the area of a triangle with base 12 cm and height 8 cm.

- A. 60 cm²
- B. 72 cm²
- C. 96 cm²
- D. 48 cm² ✓

Q2 Mathematics

Find the simple interest (in ₹) on ₹1,200 at an interest rate of 4% per month for 9 months.

- A. ₹36 ✓
- B. ₹56
- C. ₹72
- D. ₹432

Q3 Mathematics

Find the mean proportional between 24 and 150.

- A. 60 ✓
- B. 40
- C. 50
- D. 70

Q4 Mathematics

Train A leaves station M at 8:25 AM and reaches station N at 3:25 PM on the same day. Train B leaves station N at 10:25 AM and reaches station M at 3:25 PM on the same day. Find the time when trains A and B meet.

- A. 11:30 AM
- B. 12:30 PM ✓
- C. 11:10 AM
- D. 12:50 PM

Q5 Mathematics

If the 6-digit number N83M92 is divisible by 11, then which of the options below can give a possible correct relation between M and N?

- A. $M = N$
- B. $M + N = -2$
- C. $M - N = 2$ ✓
- D. $M - N = 1$

Q6 Mathematics

The number 444348269 is divisible by which of the following?

- A. 10
- B. 12
- C. 19 ✓
- D. 9

Q7 Mathematics

3 years ago, the age of a father was 24 years more than twice his son's age. After how many years, from now, will he be twice his son's age?

- A. 23
- B. 25
- C. 19
- D. 21 ✓

Q8 Mathematics

The number 327087 is divisible by which of the following?

- A. 8
- B. 12
- C. 5
- D. 3 ✓

Q9 Mathematics

Find the greatest number that will divide 49, 97 and 189 so as to leave the same remainder in each case.

- A. 4 ✓
- B. 3
- C. 5
- D. 7

Q10 Mathematics

An amount of ₹658 is divided among three persons in the ratio of 18 : 12 : 2. The difference between the largest and the smallest shares (in ₹) in the distribution is:

- A. 329 ✓
- B. 242
- C. 261
- D. 426



Q11 Mathematics

The sides of a triangle are 82 cm, 18 cm, and 80 cm. What is its area? (in cm^2)

- A. 670
- B. 731
- C. 712
- D. 720

**Q12 Mathematics**

The sum of five numbers is 655. The average of the first two numbers is 80 and the third number is 109. Find the average of the remaining two numbers.

- A. 190
- B. 194
- C. 189
- D. 193

**Q13 Mathematics**

Find the value of $[954 \div \{30 + 9 \times (3 - 6)\}]$.

- A. 313
- B. 318
- C. 321
- D. 319

**Q14 Mathematics**

The current population of a town is 14,680. It increases by 25% and 70% in two successive years but decreases by 20% in the third year. What is the population of the town at the end of the third year?

- A. 24,956
- B. 24,958
- C. 24,960
- D. 24,953

**Q15 Mathematics**

An item marked at ₹5,000 is given at successive discounts of 10% and 5%. Find the final selling price.

- A. ₹4,350
- B. ₹4,320
- C. ₹4,275
- D. ₹4,250

**Q16 Mathematics**

The average runs scored by a batsman in 23 matches is 42. In the next 10 matches, the batsman scored an average of 15 runs. Find his average runs scored (rounded off to two decimal places) in all the 33 matches.

- A. 35.82
- B. 33.82
- C. 32.82
- D. 34.82

**Q17 Mathematics**

A shopkeeper buys a cycle for ₹3,500 and sells it at a discount of 20% with no gain no loss. What is the marked price of the cycle?

- A. ₹7,343
- B. ₹4,375
- C. ₹3,475
- D. ₹5,374

**Q18 Mathematics**

Prashant and Nisha have to travel from Delhi to Kanpur in their respective cars. Prashant is driving at 117 km/hr while Nisha is driving at 48 km/hr. Find the time taken by Nisha to reach Kanpur if Prashant takes 16 hours.

- A. 36 hours
- B. 39 hours
- C. 45 hours
- D. 44 hours

**Q19 Mathematics**

The cost of 12 pens and 7 pencils is ₹285. If the cost of a pen decreases by ₹6 and the cost of a pencil increases by ₹5, then the cost of 11 pens and 3 pencils is ₹118. What is the original cost of 2 pens and 2 pencils?

- A. ₹66
- B. ₹68
- C. ₹73
- D. ₹70



Q20 Mathematics

If the interest earned during the 2nd year on a certain sum is ₹2,352, and the rate of interest is 5% per annum compounded annually, then the sum is:

A. ₹44,035

B. ₹44,800



C. ₹44,855

D. ₹45,115

Q21 Mathematics

M and N start a business. M invests ₹46,000 more than N for 3 months and N invests for 4 months. M's share is ₹453 more than that of N, out of a total profit of ₹1,359. Find the capital contributed by M.

A. ₹73,608

B. ₹73,516

C. ₹73,600



D. ₹73,715

Q22 Mathematics

Nitin bought some pencils at the rate of ₹180 a dozen. He sold them for ₹17 each. His profit percentage is ____%. (Round off to two decimal places.)

A. 15.33

B. 13.33



C. 11.33

D. 17.33

Q23 Mathematics

ABCD is a trapezium in which $BC \parallel AD$ and $AC = CD$. If $\angle ABC = 19^\circ$ and $\angle BAC = 137^\circ$, then what is the measure of $\angle ACD$ (in degree)?

A. 131°

B. 120°

C. 128°

D. 132°

**Q24 Mathematics**

By how much is 65% of 65 greater than $\frac{1}{5}$ of 15?

A. 36.25

B. 39.25



C. 33.25

D. 37.25

Q25 Mathematics

Simplify: $3\left(\left(\frac{7}{3}\right)x^2 - 25x + 12\right) - 7(x^2 + 9x - 13)$

A. $-138x + 127$



B. $138x + 127$

C. $-138x - 127$

D. $138x - 127$



Q26 Mathematics

Jaya can do a certain piece of work in 30 days. Jaya and Sushma can together do the same work in 21 days, and Jaya, Sushma and Hina can do the same work together in 14 days. In how many days can Jaya and Hina do the same work together?

A. $\frac{31}{3}$

B. $\frac{35}{2}$



C. $\frac{44}{2}$

D. $\frac{27}{4}$

Q27 Mathematics

The selling price of 20 books is equal to the cost price of 5 books. Find the loss or gain percentage.

A. 75% gain

B. $\frac{100}{15}\% \text{ gain}$

C. 75% loss



D. $\frac{100}{15}\% \text{ loss}$

Q28 Mathematics

A can do a work in 12 days and B can do the same work in 18 days. If they work on it together for 4 days, then what fraction of the work is left?

A. $\frac{4}{9}$



B. $\frac{11}{9}$

C. $\frac{14}{9}$

D. $\frac{13}{9}$



Q29 Mathematics

The value of $10^2 + \sqrt{2^2} - 4\sqrt{25} - 3$ is

A. 81

B. 79

C. 78

D. 69

Q30 Mathematics

The angles of elevation of the top of a tower from two points X and Y (on opposite sides of the tower) at distances b m and a m, respectively, from the base and in the same straight line with it are complementary. The height (in m) of the tower is _____.

A. ab

B. $ab^{\frac{1}{2}}$

C. $(ab)^{\frac{1}{2}}$

D. $ba^{\frac{1}{2}}$

General Intelligence & Reasoning

30 Questions • Answer Key

Q31 General Intelligence & Reasoning

Each of the digits in the number 71642938 is arranged in ascending order from left to right. The position of how many digits will remain unchanged as compared to that in the original number?

A. Two

B. None

C. Three

D. One

Q32 General Intelligence & Reasoning

Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.

(Note: all numbers are single digit numbers only.)

(Left) 1 & 9 6 > 7 5 * 7 + 5 ^ 7 0 * 4 % \$ (Right)

How many such symbols are there, each of which is immediately preceded by a number and also immediately followed by a number?

A. Nine

B. Eight

C. Seven

D. Six

Q33 General Intelligence & Reasoning

A, B, C, D, E, F and G are sitting around a circular table facing the centre. B sits third to the right of E. F sits to the immediate left of B. C is the immediate neighbour of A and B. G is not the immediate neighbour of F. How many people sit between D and G when counted from the left of G?

A. Five

B. Four

C. Three

D. Two

Q34 General Intelligence & Reasoning

What will come in the place of the question mark (?) in the following equation, if '+' and '÷' are interchanged, and '-' and 'x' are interchanged?

$21 \div 57 - 3 \times 8 + 4 = ?$

A. 56

B. 34

C. 23

D. 45



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Q35 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series?

102 108 120 138 162 ?

A. 212

B. 204

C. 230

D. 192

**Q36 General Intelligence & Reasoning**

Shyam starts from Point A and drives 12 km towards east. He then takes a right turn, drives 7 km, turns right and drives 5 km. He then takes a left turn and drives 9 km. He takes a final right turn, drives 7 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90° turns only unless specified.)

A. 19 km towards east

B. 16 km towards north



C. 19 km towards north

D. 16 km towards south

Q37 General Intelligence & Reasoning

In a certain code language, 'MADE' is coded as '4172' and 'HAME' is coded as '2475'. What is the code for 'H' in the given code language?

A. 7

B. 2

C. 4

D. 5

**Q38 General Intelligence & Reasoning**

In the following number-pairs, the second number is obtained by applying certain mathematical operation(s) to the first number. Select the number-pair in which the numbers are related in the same way as are the numbers of the following pairs.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding to/subtracting from/multiplying with 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

227, 112

240, 125

A. 210, 85

B. 254, 129

C. 215, 110

D. 262, 147

**Q39 General Intelligence & Reasoning**

In a certain code language,
A + B means 'A is the daughter of B',
A – B means 'A is the wife of B',
A x B means 'A is the father of B' and
A ÷ B means 'A is the brother of B'.

How is A related to S if 'A + E – F x N ÷ S'?

A. Sister



B. Mother's mother

C. Father's sister

D. Father's mother

Q40 General Intelligence & Reasoning

What will come in place of the question mark (?) in the following equation, if '+' and 'x' are interchanged and '-' and '÷' are interchanged?

$38 \div 7 + 5 \times 20 - 4 = ?$

A. 15

B. 27

C. 22

D. 8



Q41 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series?

27 35 51 75 107 ?

A. 125

B. 174

C. 147



D. 148

Q42 General Intelligence & Reasoning

J, K, L, M, N, O and S are sitting around a circular table, facing the centre of the table. Only three people sit between O and J when counted from the left of O. Only three people sit between K and M when counted from the right of M. S sits to the immediate right of K. N is an immediate neighbour of M as well as J. Who sits second to the left of L?

A. O

B. N



C. J

D. M

Q43 General Intelligence & Reasoning

Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

LDH 14, NFJ 17, PHL 20, RJN 23, ?

A. TLP 26



B. RTS 26

C. TMQ 27

D. RTQ 27

Q44 General Intelligence & Reasoning

Select the pair that follows the same pattern as that followed by the two pairs given below. Both pairs follow the same pattern.

ACF : CEH

PET : RGV

A. QTP : SUW

B. SAD : TBO

C. WDX : ZFY

D. XVN : ZXP

**Q45 General Intelligence & Reasoning**

Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. LHK

B. RNQ

C. OKM



D. UQT

Q46 General Intelligence & Reasoning

Seven boxes A, B, C, D, E, F and G are kept one over the other but not necessarily in the same order. Only three boxes are kept above A. Only one box is kept between F and A. Only three boxes are kept between F and E. E is kept at some place above A. B is kept immediately below E. G is kept at one of the places above D. C is not kept immediately above or below F. How many boxes are kept above B?

A. 4

B. 3

C. 2



D. 1

Q47 General Intelligence & Reasoning

Babar starts from Point A and drives 14 km towards West. He then takes a left turn, drives 7 km, turns right and drives 9 km. He then takes a right turn and drives 7 km. He takes a final right turn, drives 5 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90° turns only unless specified.)

A. 20 km towards West

B. 18 km towards West

C. 18 km towards East



D. 20 km towards North

Q48 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series?

36 51 45 64 54 77 63 90 72 ?

A. 106

B. 113

C. 110

D. 103



Q49 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. PL-MI

B. AW-XT

C. TP-QM

D. SO-ON

**Q50 General Intelligence & Reasoning**

Seven boxes F, G, H, I, K, L and O are kept one over the other but not necessarily in the same order.

O is kept second from the bottom. Only three boxes are kept between O and G. L is kept at one of the positions below O. Only I is kept between G and H. F is kept at one of the positions above G.

How many boxes are kept between L and F?

A. Five



B. Four

C. One

D. Three

Q51 General Intelligence & Reasoning

If 2 is added to each even digit and 2 is added to each odd digit in the number 7145362, what will be the sum of the last two and first two digits in the new number thus formed?

A. 24



B. 25

C. 26

D. 27

Q52 General Intelligence & Reasoning

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.

Statements:

All physicists are chemists.

No chemists are biologists.

Conclusions:

I. No biologists are physicists.

II. Some biologists are physicists.

A. Only conclusion (II) follows.

B. Both conclusions (I) and (II) follow.

C. Only conclusion (I) follows.



D. Neither conclusion (I) nor (II) follows.

Q53 General Intelligence & Reasoning

RUTW is related to TWVY in a certain way based on the English alphabetical order. In the same way, MPOR is related to ORQT. To which of the given options is VYXA related, following the same logic?

A. XZYC

B. XAYC

C. XBYE

D. XAZC

**Q54 General Intelligence & Reasoning**

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.

Statements:

Some birds are animals.

All animals are tables.

Conclusions:

(I): Some birds are tables.

(II): All tables are animals.

A. Only conclusion (I) follows.



B. Only conclusion (II) follows.

C. Neither conclusion (I) nor (II) follows.

D. Both conclusions (I) and (II) follow.



Q55 General Intelligence & Reasoning

Seven boxes A, B, C, D, E, F and G are kept one over the other but not necessarily in the same order. Only two boxes are kept between G and A. Only F is kept above B. No box is kept below A. E is kept at some place below C but at some place above D. How many boxes are kept between D and F?

A. One

B. Four

C. Three

D. Two

Q56 General Intelligence & Reasoning

This question is based on the five, three-digit numbers given below.

(Left) 267 513 671 895 729 (Right)

(Example: 697 – First digit = 6, second digit = 9 and third digit = 7)

(NOTE: All operations to be done from left to right.)

If the digits of each number are added and their respective resultants are arranged in the ascending order, what is the number placed 4th from the right end?

A. 18

B. 9

C. 14

D. 15

Q57 General Intelligence & Reasoning

In a certain code language, 'ALPS' is coded as '3257' and 'PUNE' is coded as '1346'. What is the code for 'P' in the given code language?

A. 3

B. 1

C. 5

D. 7

Q58 General Intelligence & Reasoning

In the following triads, each group of letters is related to the subsequent one following a certain logic. Select from the given options, the one which follows the same logic.

HIVE - EHVI - HEIV

FANG - GFNA - FGAN

A. MUSK - KMSU - MKUS

B. RAIN - NRIA - RANI

C. SORT - TSOR - ORTS

D. TENS - ETNS - SENT

Q59 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. JM-DH

B. TW-NR

C. PS-JM

D. MP-GK

Q60 General Intelligence & Reasoning

Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

LIF 13, DAX 24, VSP 46, NKH 90, FCZ 178, ?

A. XUR 354

B. XUM 354

C. UUR 354

D. XUR 351

General Awareness

40 Questions • Answer Key

Q61 General Awareness

In 2025, which two countries were involved in renewed tensions over the South China Sea, prompting international concern about maritime security?

A. Russia and Ukraine

B. India and Pakistan

C. USA and Iran

D. China and Philippines

Q62 General Awareness

Which Article of the Indian Constitution directs the State to promote the welfare of the people?

A. Article 43

B. Article 47

C. Article 42

D. Article 38



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Q63 General Awareness

In 2025, which city in France hosted the French Open tennis tournament?

- A. Nice
- B. Marseille
- C. Paris
- D. Lyon

**Q64 General Awareness**

A free trade arrangement of the SAARC countries, the South Asian Free Trade Area (SAFTA), came into force in which year?

- A. 2006
- B. 2018
- C. 2000
- D. 2010

**Q65 General Awareness**

Cabinet minister Kinjarapu Ram Mohan Naidu was related to which ministry in May 2025, who was named in the World Economic Forum (WEF) Young Global Leaders list 2025?

- A. Ministry of Commerce and Industry
- B. Ministry of Corporate Affairs
- C. Ministry of Civil Aviation
- D. Ministry of Housing and Urban Affairs

**Q66 General Awareness**

Volcanoes are often found in which type of plate boundary?

- A. Transform boundaries only
- B. Divergent boundaries only
- C. Convergent and transform boundaries only
- D. Convergent and divergent boundaries

**Q67 General Awareness**

[October 2024] Mongla Port, recently seen in the news for strategic development and trade ties, is located in which country?

- A. India
- B. Sri Lanka
- C. Myanmar
- D. Bangladesh

**Q68 General Awareness**

Who were the Voharikas in the judicial structure of the Magadha period?

- A. Military generals
- B. Judges in village assemblies
- C. Lawyer-Judges
- D. Local tax collectors

**Q69 General Awareness**

Under Article 239 of the Constitution, a Union Territory is administered by:

- A. the Governor of an adjacent State
- B. the Prime Minister of India
- C. the Parliament of India
- D. the President of India

**Q70 General Awareness**

During the Satavahanas kingdom, what did the terms 'ahara' or 'rashtra' refer to?

- A. A capital city
- B. A temple land
- C. A tax officer
- D. A district

**Q71 General Awareness**

Which of the following rivers is associated with National Waterway 10 (NW-10)?

- A. Chambal river
- B. Yamuna river
- C. Brahmaputra river
- D. Amba river

**Q72 General Awareness**

In which chronic disease do the inner walls of the lungs' air sacs, called alveoli, become damaged, causing them to eventually burst?

- A. Arrhythmias
- B. Emphysema
- C. Cystic fibrosis
- D. Dyspepsia



Q73 General Awareness

Which sectors were emphasised in the Eighth Five-Year Plan for employment generation?

- A. Banking and finance
- B. IT and software services
- C. Automotive and steel industries
- D. Animal husbandry, fishery, horticulture and rural industries ✓

Q74 General Awareness

Who is the head of the civil administration of a district court in India?

- A. Chief Judicial Magistrate
- B. District Collector
- C. Registrar General of the High Court
- D. District Judge ✓

Q75 General Awareness

Decathlon, which set up its first outlet in India in Bengaluru in 2009, is a _____.

- A. French sports goods retailer ✓
- B. Chinese sports goods retailer
- C. German sports goods retailer
- D. Swedish sports goods retailer

Q76 General Awareness

What is the main function of RAM in a computer?

- A. To control the printer
- B. To provide temporary storage for running programs ✓
- C. To process graphics
- D. To store permanent data

Q77 General Awareness

Which body is entrusted with recruiting India's civil servants on the basis of merit?

- A. The President's Secretariat
- B. The Union Public Service Commission ✓
- C. The Election Commission of India
- D. State Governments through District Boards

Q78 General Awareness

Which novel macrolide antibiotic, highlighted in a December 2024 PIB factsheet, is being positioned as India's first indigenous drug against community-acquired pneumonia?

- A. Pretomanid
- B. Nafithromycin ✓
- C. Delafloxacin
- D. Lefamulin

Q79 General Awareness

Which Indian institution has developed an affordable device that is capable of rapidly separating plasma from blood and purifying water, priced at ₹1,000?

- A. IIT Hyderabad
- B. IIT Kanpur
- C. IIIT-Allahabad ✓
- D. IISc Bangalore

Q80 General Awareness

Which indigenously developed missile was successfully test fired by DRDO and Indian Navy on 26 March 2025?

- A. Short-Range Sea-to-Surface (Coast) Missile
- B. Vertically Launched Short-Range Surface-to-Air Missile ✓
- C. Short-Range Anti-Tank Missile
- D. Advanced Short Range Air-to-Air Missile

Q81 General Awareness

Which of the following organs represents the female reproductive part of a flower in angiosperms?

- A. Petal
- B. Gynoecium ✓
- C. Androecium
- D. Stamen

Q82 General Awareness

In which of the following years was the Bengal Sati Regulation enacted?

- A. 1829 ✓
- B. 1837
- C. 1818
- D. 1858



Q83 General Awareness

The inaugural edition of India's first major naval exercise 'AIKEYME' was held off the coast of which African country in April 2025?

- A. Seychelles
- B. Tanzania ✓
- C. Kenya
- D. Comoros

Q84 General Awareness

The association of Devi Choudhurani and Bhawani Pathak with the Faqir-Sanyasi Rebellion in India indicates which of the following?

- A. The rebellions had a purely religious character.
- B. The rebellion had cross-religious and gender participation. ✓
- C. The movement was dominated by upper-caste elites.
- D. Only tribal groups led such resistances in Bengal.

Q85 General Awareness

Which range is known for its rich biodiversity and is a UNESCO World Heritage Site?

- A. Western Ghats ✓
- B. Satpura Range
- C. Chotanagpur plateau
- D. Eastern Ghats

Q86 General Awareness

What is a notable characteristic of the carvings found at the entrances of the Sanchi Stupa?

- A. Buddha's post-enlightenment life
- B. Jataka story narratives ✓
- C. Mauryan royal figures
- D. Mythical creatures like yakshas and kinnaras

Q87 General Awareness

Which of the following correctly describes the Planning Commission of India?

- A. A statutory body created by an Act of Parliament in 1950.
- B. A constitutional body established by an Article of the Constitution.
- C. A constitutional commission chaired by the Chief Justice of India.
- D. An extra-constitutional advisory body created by a government resolution in 1950. ✓

Q88 General Awareness

Which Indian Light Tank (ILT) has achieved a major feat in December 2024 by firing multiple rounds at various ranges at an altitude of over 4200 m?

- A. Dhruv
- B. Amar
- C. Yuvraj
- D. Zorawar ✓

Q89 General Awareness

Which government initiative primarily focuses on improving human development by ensuring healthcare and nutrition for women and children?

- A. Beti Bachao, Beti Padhao
- B. Skill India Mission
- C. Poshan Abhiyaan ✓
- D. Digital India

Q90 General Awareness

Which renewable energy source is dependent on the gravitational pull of the moon?

- A. Solar energy
- B. Biomass energy
- C. Tidal energy ✓
- D. Wind energy

Q91 General Awareness

In which of the following years was the National Seeds Policy launched?

- A. 2002 ✓
- B. 2007
- C. 2018
- D. 2010

Q92 General Awareness

In which of the following shooting events (in distance) did Simranpreet Kaur Brar win silver medal in the women's category at ISSF World Cup 2025, Lima?

- A. 75 m
- B. 100 m
- C. 50 m
- D. 25m ✓



Q93 General Awareness

What was the official theme of India's 76th Republic Day Parade held on January 26, 2025?

- A. Viksit Bharat: Innovation & Inclusion
- B. Swarnim Bharat: Virasat aur Vikas ✓
- C. Har Ghar Tiranga: Unity in Diversity
- D. Digital Bharat: Future Forward

Q94 General Awareness

In 2025, which of the following institutes developed the paper-based technology 'Freshness Keeper' to extend the freshness of cut flowers?

- A. IIT Madras
- B. Indian Institute of Horticulture Research
- C. CSIR-Central Food Technological Research Institute ✓
- D. IIT Bombay

Q95 General Awareness

To change the desktop wallpaper, which option would you choose?

- A. Settings > Devices
- B. Settings > Personalization ✓
- C. Settings > Ease of Access
- D. Settings > Apps

Q96 General Awareness

The President of India, Droupadi Murmu, conferred which Jnanpith Award on the Sanskrit scholar Jagadguru Rambhadracharya in May 2025?

- A. 48th
- B. 58th ✓
- C. 62nd
- D. 52nd

Q97 General Awareness

_____ serves as the conventional base material for the art form known as Kalamkari.

- A. Metal
- B. Wood
- C. Cloth ✓
- D. Paper

Q98 General Awareness

Barapani Lake of Shillong is also known as _____.

- A. Umiam Lake ✓
- B. Shilloi Lake
- C. Jaisamand Lake
- D. Haflong Lake

Q99 General Awareness

Who is known as the 'Grand Old Man of India' and promoted Indian economic nationalism?

- A. Dadabhai Naoroji ✓
- B. Lala Lajpat Rai
- C. Surendranath Banerjee
- D. Gopal Krishna Gokhale

Q100 General Awareness

When did the Hershey-Chase experiment provide solid evidence that DNA, not proteins, is the genetic material?

- A. 1952 ✓
- B. 1950
- C. 1946
- D. 1957



Mathematics

30 Questions • Answer Key

Q1 Mathematics

79 plates were purchased for ₹79, and 13 plates broke in transit. The trader sold the remaining plates at ₹5.90 each. Find his profit.

A. ₹310.40



B. ₹305.40

C. ₹316.40

D. ₹314.90

Q2 Mathematics

If 39% of first number is equal to eight-ninths of second number, what is the ratio of first number to the second number?

A. 800 : 351



B. 804 : 348

C. 805 : 353

D. 796 : 347

Q3 Mathematics

A number, when increased by 60%, gives 3550. The number is:

A. 1109.375

B. 6656.25

C. 2218.75



D. 4437.5

Q4 Mathematics

A woman travels 282 km at 47 km/hr, a second distance of 120 km at 20 km/hr and a third distance of 496 km at 62 km/hr. Find her average speed for the whole journey (in km/hr).

A. 46.7

B. 44.9



C. 53.6

D. 52.2

Q5 Mathematics

₹74,000 were divided among A, B and C, such that 9 times of A = 3 times of B = 7 times of C. Find the share of A.

A. ₹13,816

B. ₹14,000



C. ₹14,194

D. ₹13,865

Q6 Mathematics

The number of prime numbers lying between 466 and 476, both included, is:

A. 5

B. 1



C. 3

D. 2

Q7 Mathematics

If 5 times a son's age is added to his father's age, the sum is 79 years. If 2.5 times the father's age is added to the son's age, the sum is 94 years. What is the father's age (in years)?

A. 34



B. 38

C. 30

D. 37

Q8 Mathematics

Which of the following numbers divides 740705?

A. 5



B. 12

C. 9

D. 4



Q9 Mathematics

A product is priced at ₹10,000. A wholesaler offers a trade discount of 20%. On the discounted price, a scheme discount of 10% is offered. However, if the customer pays in cash, an additional 5% discount is given on the final price after both discounts. What is the final price the customer has to pay?

A. ₹6,940

B. ₹6,840

C. ₹6,800

D. ₹7,000

Q10 Mathematics

The cost of 2 pens and 19 pencils is ₹118. If the cost of a pen decreases by ₹5 and the cost of a pencil increases by ₹4, then the cost of 5 pens and 8 pencils is ₹144. What is the original cost of 14 pens and 6 pencils?

A. ₹314

B. ₹318

C. ₹319

D. ₹321

Q11 Mathematics

The average runs scored by a batsman in 23 matches is 41. In the next 10 matches, the batsman scored an average of 14 runs. Find his average runs scored (rounded off to two decimals) in all the 33 matches.

A. 34.82

B. 31.82

C. 33.82

D. 32.82

Q12 Mathematics

A shirt is marked at ₹800 and sold at a 25% discount. What is the selling price?

A. ₹620

B. ₹640

C. ₹680

D. ₹600

Q13 Mathematics

Evaluate: $16 + 12 \div 6 - 2 \times 4$

A. 10

B. 9

C. 12

D. 13

Q14 Mathematics

The greatest number that will divide 527 and 632 leaving remainders 7 and 8, respectively, is:

A. 104

B. 112

C. 98

D. 102

Q15 Mathematics

A man driving a car at a speed of 42 km/hr crosses a bridge in 5.4 minutes. Find the length of the bridge.

A. 4.38 km

B. 3.78 km

C. 3.42 km

D. 3.51 km

Q16 Mathematics

The population of a district is 359000, out of which 179000 are males. 22% of the population is literate. If 22% males are literate, then what percentage of females are literate?

A. 24%

B. 20%

C. 22%

D. 19%

Q17 Mathematics

Find the simple interest (in ₹) on ₹1,200 at an interest rate of 4% per month for 3 months.

A. ₹12

B. ₹32

C. ₹144

D. ₹24

Q18 Mathematics

Ritu, Sameer, and Isha invest ₹1,350, ₹1,470, and ₹1,380, respectively, to start a business. If the profit at the end of the year is ₹1,330, then what is the share of Isha in the profit?

A. ₹435

B. ₹437

C. ₹438

D. ₹439



Q19 Mathematics

The HCF and the LCM of two numbers are 91 and 546, respectively. If one of the numbers is 182, find the other one.

A. 182

B. 91

C. 364

D. 273

**Q20 Mathematics**

Simplify $x(6x - 3) + 5(x^2 - 4) + 18$.

A. $-11x^2 - 3x - 2$

B. $11x^2 - 3x - 2$



C. $-11x^2 - 3x + 2$

D. $11x^2 - 3x + 2$

Q21 Mathematics

The average price of three items of furniture is ₹15,990. If their prices are in the ratio 3 : 5 : 7, the price of the cheapest item (in ₹) is:

A. 1,066

B. 9,594



C. 7,462

D. 3,198

Q22 Mathematics

ABCD is a trapezium in which $BC \parallel AD$ and $AC = CD$. If $\angle ABC = 54^\circ$ and $\angle BAC = 60^\circ$, then what is the measure of $\angle ACD$ (in degree)?

A. 184

B. 181

C. 171

D. 48

**Q23 Mathematics**

The simple interest on a certain sum for $2\frac{6}{7}$ years at the rate of 7.7% per annum is ₹1,188.

What will be the amount payable on the same sum at the rate of 8.5% per annum simple interest in $4\frac{5}{9}$ years?

A. ₹7,484

B. ₹7,489

C. ₹7,504

D. ₹7,491



Q24 Mathematics

Pipe P can fill $\frac{3}{4}$ part of a tank in 15 hours, and pipe Q can fill $\frac{5}{6}$ part of the same tank in 25 hours.

Both P and Q were kept open for 2 hours, then both were closed. Pipe R alone was then opened and it emptied the water in the tank in 5 hours. Pipes P, Q and R together can fill the empty tank in:

- A. 17 hours
- B. 22 hours
- C. 20 hours
- D. 31 hours

**Q25 Mathematics**

Find the circumference (in m) of the largest circle that can be drawn completely inside a rectangle with sides 249 m and 217 m.

(Take $\pi = \frac{22}{7}$.)

- A. 679
- B. 690
- C. 682
- D. 676

**Q26 Mathematics**

A flagstaff stands on the top of a building. At a distance of 30 m away from the foot of the building, the angle of elevation of the top of the flagstaff is 60° and the angle of elevation of the top of the building is 30° . Find the height (in metres) of the flagstaff.

- A. $60\sqrt{3}$
- B. $40\sqrt{3}$
- C. $20\sqrt{3}$
- D. $30\sqrt{3}$

**Q27 Mathematics**

The value of $\sqrt{400} + \sqrt{0.0225} - \sqrt{9}$ is ____.

- A. 17.15
- B. 12.19
- C. 1.54
- D. 14.54



Q28 Mathematics

A trader claims to sell rice at a profit of 39%, but also dishonestly uses a weight which is 17% less than what is mentioned on it. Find the total percentage of profit earned by the trader. (Round off the answer to the nearest whole number.)

A. 72%

B. 66%

C. 69%

D. 67% **Q29 Mathematics**

Find the volume of the sphere whose diameter is 30 cm. (Use $\pi = 3.14$).

A. 15,130 cm³B. 14,230 cm³C. 14,130 cm³ D. 15,230 cm³**Q30 Mathematics**

A can do a work in 13 days and B can do the same work in 24 days. If they work on it together for 5 days, then what fraction of the work is left?

A. $\frac{133}{312}$ B. $\frac{129}{312}$ C. $\frac{137}{312}$ D. $\frac{127}{312}$ **General Intelligence & Reasoning**

30 Questions • Answer Key

Q31 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. LP-GJ

B. SW-NQ

C. GK-BF 

D. UY-PS

Q32 General Intelligence & Reasoning

In a certain code language, 'LOSE' is coded as '9432' and 'LOST' is coded as '9364'. What is the code for 'T' in the given code language?

A. 6 

B. 3

C. 4

D. 9



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Q33 General Intelligence & Reasoning

If 'A' stands for '+', 'B' stands for 'x', 'C' stands for '+' and 'D' stands for '-', then what will come in place of the question mark (?) in the following equation?

9 B 5 D 12 A 2 C 11 = ?

A. 32

B. 50



C. 38

D. 43

Q34 General Intelligence & Reasoning

If 'A' stands for '+', 'B' stands for 'x', 'C' stands for '+' and 'D' stands for '-', then what will come in place of the question mark (?) in the following equation?

100 A 5 C 14 D 5 B 3 = ?

A. 23

B. 15

C. 19



D. 27

Q35 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster pair.)

A. GJ - FI

B. MP - LO

C. EH - DG

D. KR - GT

**Q36 General Intelligence & Reasoning**

Aman starts walking from Point A and runs for 10 m towards the north. He then takes a right turn and walks for 5 m, then turns right and walks for 6 m, and again turns right and walks for 12 m. He takes a final left turn, walks for 4 m and stops. How far (shortest distance) and in which direction he should walk to reach his starting point? (All turns are 90-degree turns only unless specified.)

A. 8 m towards the west

B. 8 m towards the south

C. 7 m towards the east



D. 7 m towards the north

Q37 General Intelligence & Reasoning

In the following triad, each group of letters is related to the subsequent one following a certain logic. Select from the given options, the one that follows the same logic.

SONG - OSNG - GNOS

HEAT - EHAT - TAEH

A. UNIT - NUIT - TNIU

B. FUSE - UFSE - ESUF



C. TONG - TNOG - GNOT

D. BUYS - UBYS - UYSB

Q38 General Intelligence & Reasoning

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

All hands are legs.

Some legs are faces.

Conclusions:

(I) All legs are hands.

(II) All faces are legs.

A. Only conclusion II follows.

B. Both conclusions I and II follow.

C. Only conclusion I follows.

D. Neither conclusion I nor II follows.

**Q39 General Intelligence & Reasoning**

Each of the digits in the number 6317458 is arranged in descending order from left to right. What will be the sum of the digits which are third from the left and second from the right in the new number thus formed?

A. 12

B. 9



C. 11

D. 10

Q40 General Intelligence & Reasoning

GT 23 is related to FP 6 in a certain way. In the same way, HP 21 is related to GL 4. To which of the following is OL 15 related, following the same logic?

A. MH 2

B. MI 4

C. NH 2



D. NI 4



Q41 General Intelligence & Reasoning

Seven people, A, B, C, T, U, V and W are sitting in a row, facing north. Only three people sit between V and T. U sits to the immediate left of T. No one sits to the right of C. Only two people sit between C and U. W sits to the immediate right of A. How many people sit between B and W?

A. Four

B. Two ☒

C. Three

D. One

Q42 General Intelligence & Reasoning

Seven people, L, M, N, O, P, Q and R, are sitting in a row, facing north.

Only two people sit to the right of N. Only two people sit between N and R. Only two people sit between L and Q. Q sits to the immediate left of N. O sits to the immediate right of P.

Who sits at the third position from the left end of the line?

A. R

B. O

C. L

D. M ☒**Q43 General Intelligence & Reasoning**

Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. TO-SV

B. QL-PS

C. NI-MO ☒

D. KF-JM

Q44 General Intelligence & Reasoning

In the following triads, each group of letters is related to the subsequent one following a certain logic. Select from the given options, the one which follows the same logic.

SKIP - KSPI - PIKS

MEND - EMDN - DNEM

A. PLUM - PULM - MULP

B. KITE - IKET - ETIK ☒

C. FOIL - LIFO - FOLI

D. HEAL - AHLE - LAEH

Q45 General Intelligence & Reasoning

Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding to/subtracting from/multiplying with 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(384, 32, 6)

(408, 68, 3)

A. (280, 38, 5)

B. (394, 48, 6)

C. (348, 41, 4)

D. (416, 52, 4) ☒**Q46 General Intelligence & Reasoning**

Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) 5 * # 7 % £ 9 4 \$ 3 & @ 8 Ω \$ 1 6 & # 2 (Right)

How many such symbols are there, each of which is immediately preceded by a number and also immediately followed by another number?

A. More than two

B. Two

C. None

D. One ☒**Q47 General Intelligence & Reasoning**

Vijay ranked 12th from the top and 34th from the bottom in his class. How many students are there in his class?

A. 45 ☒

B. 47

C. 46

D. 44

Q48 General Intelligence & Reasoning

All 30 students are standing in a row facing north. Deepa is 9th from the left end, while Savitha is 11th from the right end. How many people are there between Deepa and Savitha?

A. 10 ☒

B. 9

C. 8

D. 11



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Q49 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series?

49, 81, 121, 169, ?, 289

A. 245

B. 225



C. 256

D. 196

Q50 General Intelligence & Reasoning

Rose starts from Point A and drives 7 km towards West. She then takes a left turn, drives 5 km, turns left and drives 12 km. She then takes a right turn and drives 9 km. She takes a final right turn, drives 5 km and stops at Point P. How far (shortest distance) and towards which direction should she drive in order to reach Point A again? (All turns are 90° turns only unless specified.)

A. 14 km towards North



B. 14 km towards South

C. 16 km towards West

D. 16 km towards East

Q51 General Intelligence & Reasoning

Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) 7 @ > 5 # ? \ + * 2 > ? > \$ 4 % % \$ 7 4 2 (Right)

How many such symbols are there, each of which is immediately preceded by another symbol and also immediately followed by a number?

A. Three

B. Four



C. Two

D. Five

Q52 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series based on the English alphabetical order?

XZR UWO RTL OQI ?

A. LME

B. LNE

C. LMF

D. LNF

**Q53 General Intelligence & Reasoning**

In a certain code language,
'A \$ B' means 'A is the daughter of B'
'A + B' means 'A is the brother of B'
'A @ B' means 'A is the wife of B'
'A ÷ B' means 'A is the father of B'

Based on the above, how is E related to N if 'E @ F + G \$ M ÷ N'?

A. Daughter

B. Brother's wife



C. Wife

D. Brother's daughter

Q54 General Intelligence & Reasoning

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.

Statements: All watches are belts. No belt is a tie.

Conclusions (I): Some watches are ties.

Conclusions (II): All ties are belts.

A. Both conclusions (I) and (II) follow.

B. Only conclusion (I) follows.

C. Neither conclusion (I) nor (II) follows.



D. Only conclusion (II) follows.

Q55 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series based on the English alphabetical order?

EHR LOY SVF ZCM ?

A. GRF

B. GJT



C. GFR

D. GTJ

Q56 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series?

13 31 40 76 94 148 ?

A. 202

B. 157

C. 220

D. 175



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Q57 General Intelligence & Reasoning

Rajesh ranked 25th from the top and 35th from the bottom in his class. How many students are there in his class?

- A. 60
- B. 58
- C. 57
- D. 59

**Q58 General Intelligence & Reasoning**

In a certain code language, 'month owl row' is coded as 'eg kv oc' and 'vex row virus' is coded as 'jl vf eg'. How is 'row' coded in the given code language?

- A. oc
- B. eg
- C. jl
- D. kv

**Q59 General Intelligence & Reasoning**

Select the number from among the given options that can replace the question mark (?) in the following series.
44 55 68 83 100 ?

- A. 112
- B. 119
- C. 108
- D. 124

**Q60 General Intelligence & Reasoning**

What will come in place of the question mark (?) in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged?

$$24 + 86 \times 2 - 15 \div 4 = ?$$

- A. 49
- B. 58
- C. 41
- D. 32

**General Awareness**

40 Questions • Answer Key

Q61 General Awareness

Which Act first allowed Indian members to discuss the budget in legislative councils?

- A. Indian Councils Act, 1892
- B. Indian Councils Act, 1909
- C. Indian Councils Act, 1861
- D. Government of India Act, 1858

**Q62 General Awareness**

The naval vessel 'Tavasya' launched in 2025 is classified as a:

- A. Stealth Frigate
- B. Ballistic Submarine
- C. Corvette
- D. Surveillance Ship

**Q63 General Awareness**

Which of the following programs was launched in 2019 by Ministry of Environment, Forest and Climate Change (MoEF&CC) to improve air quality in 131 cities (Non-attainment Cities and Million Plus Cities) in 24 States/UTs?

- A. Swachh Vayu Survekshan
- B. National Clean Air Programme
- C. Air Quality Forecasting Systems
- D. National Association of Clean Air Agencies

**Q64 General Awareness**

Life expectancy in India rose from 58.6 years in 1990 to how many years in 2023 which is the highest recorded since the index began?

- A. 65 years
- B. 75 years
- C. 70 years
- D. 72 years



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Q65 General Awareness

What is the minimum age required to contest elections to Panchayats as per Article 243F?

- A. 18 years
- B. 30 years
- C. 25 years
- D. 21 years

**Q66 General Awareness**

Which Indian organisation hosted the 19th India Digital Summit in January 2025, focusing on the digital ecosystem?

- A. Telecom Regulatory Authority of India (TRAI)
- B. National Association of Software and Service Companies (NASSCOM)
- C. Confederation of Indian Industry (CII)
- D. Internet and Mobile Association of India (IAMAI)

**Q67 General Awareness**

When was the Bank of Madras established as the third Presidency Bank in India?

- A. 1863
- B. 1840
- C. 1843
- D. 1857

**Q68 General Awareness**

What does UDAY stand for in the context of power distribution companies?

- A. Uninterrupted Domestic Assurance Yojana
- B. Urban Distribution Action Yojana
- C. Utility Development and Assistance Yojana
- D. Ujwal DISCOM Assurance Yojana

**Q69 General Awareness**

Which of the following terms is used to refer to the designated female devotees who enact the Lai Haraoba dance in Manipur, India?

- A. Maibas
- B. Maibis
- C. Jogins
- D. Pujarin

**Q70 General Awareness**

Who authored the book 'AI on Trial' that was released in April 2025?

- A. Himanshu Roy
- B. Bandaru Dattatreya
- C. Sujeet Kumar and Tauseef Alam
- D. Manohar Lal Khattar and Himanshu Dhuliya

**Q71 General Awareness**

Which of the following best explains why the Lakshadweep Islands have low biodiversity compared to the Andaman and Nicobar Islands?

- A. Higher altitude and colder temperatures
- B. Smaller land area and absence of forests
- C. Higher human population density
- D. Volcanic origin and infertile soil

**Q72 General Awareness**

Which disease is caused by the accumulation of lipids in brain cells due to the deficiency or inactivation of lipid digesting enzymes?

- A. Tay-Sachs disease
- B. Alzheimer's disease
- C. Huntington's disease
- D. Parkinson's disease

**Q73 General Awareness**

Which of the following parts of the Indian Constitution deals with financial relations between the Centre and the States?

- A. Part XII
- B. Part XIII
- C. Part X
- D. Part XI

**Q74 General Awareness**

Which three international organisations jointly organised a Trilateral Cooperation briefing on 26 February 2025 for health, trade and intellectual property (IP) diplomats based in Geneva?

- A. WHO, UNESCO and WTO
- B. WHO, WIPO and UNICEF
- C. WHO, WIPO and WTO
- D. WHO, IMF and UNDP



Q75 General Awareness

Which natural feature in the northwest India marks the beginning of the low-pressure trough during the summer months?

- A. Ganga Basin
- B. Aravalli Hills
- C. Satpura Range
- D. Thar Desert

**Q76 General Awareness**

Amylopectin is a branched-chain polysaccharide composed of glucose units linked primarily by _____.

- A. α -1,4-glycosidic bonds
- B. β -1,4-glycosidic bonds
- C. β -1,6-glycosidic bonds
- D. α -1,2-glycosidic bonds

**Q77 General Awareness**

Which of the following correctly pairs the abbreviation with its full form and primary function?

- A. ASCII – American Standard Communication for Input and Interface – Used for graphic design
- B. CD – Central Disc – Stores operating system permanently
- C. ASCII – Advanced System for Communication Interface – Used in LAN setup
- D. LAN – Local Area Network – Connects computers within a limited area

**Q78 General Awareness**

The Revolt of 1857 created which of the following negative consequences in Indian society?

- A. Weakening of tribal and peasants' movements
- B. Decline of Indian handicrafts industries
- C. Decline of Indian languages and culture
- D. Distrust between Hindu and Muslim communities

**Q79 General Awareness**

What was the main belief of the moderate Congress leaders regarding the British rule in India?

- A. Gradual political freedom
- B. Immediate independence
- C. Violent uprising
- D. Support for British

**Q80 General Awareness**

On 7 May 2025, India conducted nationwide civil defence mock drills in how many districts, to boost emergency preparedness?

- A. 200
- B. 290
- C. 244
- D. 150

**Q81 General Awareness**

Which of the following is a tribal dance form of India?

- A. Bhangra
- B. Ghusadi
- C. Kathak
- D. Lavani

**Q82 General Awareness**

Which of the following states shares its border with Nepal?

- A. Odisha
- B. Bihar
- C. Meghalaya
- D. Himachal Pradesh

**Q83 General Awareness**

Which Indian state topped the Fiscal Health Index 2025 released by NITI Aayog?

- A. Gujarat
- B. Maharashtra
- C. Odisha
- D. Karnataka

**Q84 General Awareness**

Who founded the Servants of India Society to promote national education and social reform in India?

- A. Bal Gangadhar Tilak
- B. SN Banerjee
- C. Bipin Chandra Pal
- D. Gopal Krishna Gokhale



Q85 General Awareness

Which of the following is primarily a system configuration tool rather than a direct visual element of the MS Windows desktop interface?

- A. Taskbar
- B. Recycle Bin
- C. Start Menu
- D. Control Panel

**Q86 General Awareness**

Which international body did Cambodia petition to resolve its border dispute with Thailand in 2025?

- A. International Court of Justice
- B. ASEAN Regional Forum
- C. United Nations Security Council
- D. World Trade Organization

**Q87 General Awareness**

Where is the Tata Aircraft Complex, inaugurated in October 2024 for manufacturing C-295 aircrafts, located?

- A. Pune
- B. Vadodara
- C. Hyderabad
- D. Chennai

**Q88 General Awareness**

Which general molecular structure characterises the class of organic compounds known as diazonium compounds or diazonium salts?

- A. $R-CO-NR'R''$
- B. $R_2C=NR'$
- C. $R-N_2^+X^-$
- D. $R-C\equiv N$

**Q89 General Awareness**

Which of the following Amendments added the words 'Socialist' and 'Secular' to the Preamble?

- A. 42nd
- B. 24th
- C. 44th
- D. 39th

**Q90 General Awareness**

Ikea, which received the government approval for its ₹10,500 crore FDI proposal in 2013 to set up 10 stores with allied infrastructure over 10 years, is a _____.

- A. American company
- B. Chinese company
- C. German company
- D. Swedish company

**Q91 General Awareness**

The Eran stone inscription states that Samudragupta was chosen as king by his father because of his _____.

- A. devotion, righteous conduct, and valour
- B. support from other kings
- C. wealth and popularity
- D. age and birthright

**Q92 General Awareness**

Which of the following was the military department during the reign of Alauddin Khilji?

- A. Diwan-i-arz
- B. Diwan-i-risalat
- C. Diwan-i-insha
- D. Diwan-i-wizarat

**Q93 General Awareness**

Which of the following Parts of the Constitution was amended by the 97th Amendment to promote co-operative societies?

- A. Part IXA
- B. Part IXB
- C. Part XII
- D. Part XI

**Q94 General Awareness**

Which Indian state had the largest coal reserve in the fiscal year 2023-24, as per the Ministry of Coal data?

- A. Telangana
- B. Jharkhand
- C. Odisha
- D. Madhya Pradesh



Q95 General Awareness

In which state was the 7th Khelo India Youth Games held in 2025?

- A. Maharashtra
- B. Haryana
- C. Gujarat
- D. Bihar



Q96 General Awareness

Direct Tax reforms have been part of India's fiscal consolidation strategy. Which committee recommended the simplification of direct taxes in post-liberalisation India?

- A. Narasimham Committee
- B. Tarapore Committee
- C. Dutt Committee
- D. Kelkar Committee



Q97 General Awareness

[April 2025] New Caledonia, which was in headlines for protests over nickel mining and independence debates, is a territory of which country?

- A. Australia
- B. United Kingdom
- C. New Zealand
- D. France



Q98 General Awareness

Announced in 2025, which decommissioned Indian Navy ship will be turned into an underwater museum?

- A. INS Visakhapatnam
- B. INS Guldar
- C. INS Nilgiri
- D. INS Kalvari



Q99 General Awareness

What is the primary objective of India's 'Bharat 6G Vision' launched in March 2023?

- A. To commercialise 6G services exclusively in urban areas
- B. To import 6G infrastructure from developed countries
- C. To establish India as a global leader in 6G technology by 2030
- D. To replace 5G technology by 2025



Q100 General Awareness

Which event escalated the Israel–Iran conflict in June 2025?

- A. Iranian missile attack on Tel Aviv
- B. Collapse of the Joint Comprehensive Plan of Action (JCPOA)
- C. Assassination of an Iranian general
- D. Israeli preemptive strike on Iranian nuclear facilities



Mathematics

30 Questions • Answer Key

Q1 Mathematics

Which of the following numbers divides 15,99,16,901?

A. 19



B. 18

C. 28

D. 25

Q2 Mathematics

Manoj, Swati and Rahul invested ₹1,020, ₹1,440 and ₹1,230, respectively to start a business. If the profit at the end of the year is ₹1,260, what is Rahul's share of the profit?

A. ₹420



B. ₹423

C. ₹421

D. ₹422

Q3 Mathematics

The perimeter of a square is 248 m. Its area (in m^2) is:

A. 3816

B. 3844



C. 3848

D. 3840

Q4 Mathematics

A number when increased by 100% gives 2700. The number is:

A. 2700

B. 1350



C. 675

D. 4050

Q5 Mathematics

If the third proportional of 54 and 18 is x, then what is the value of x?

A. 3

B. 5

C. 6



D. 9

Q6 Mathematics

M and N start a business. M invests ₹70,000 more than N for 3 months and N invests for 5 months. M's share is ₹288 more than that of N, out of a total profit of ₹4,896. Find the capital contributed by M.

A. ₹1,50,000



B. ₹1,40,000

C. ₹1,60,000

D. ₹1,80,000

Q7 Mathematics

Train A leaves station M at 8:05 a.m. and reaches station N at 3:05 p.m. on the same day. Train B leaves station N at 10:05 a.m. and reaches station M at 3:05 p.m. on the same day. Find the time when Trains A and B meet.

A. 11:50 a.m.

B. 12:00 p.m.

C. 12:30 p.m.

D. 12:10 p.m.



Q8 Mathematics

Find the value of $[290 \div \{27 + 5 \times (2 - 7)\}]$.

A. 140

B. 141

C. 145



D. 150

Q9 Mathematics

What smallest number should be added to 81661 so that the sum is completely divisible by 73?

A. 30

B. 24

C. 26



D. 25



Q10 Mathematics

A jacket is marked at ₹8,000. The shopkeeper offers a 30% discount on the marked price. After the discount, a 12% sales tax is added on the discounted price. What is the final price of the jacket?

A. ₹6,240

B. ₹7,248

C. ₹6,272



D. ₹6,440

Q11 Mathematics

The average weight (in kg) of a family of five members whose weights are 40 kg, 49 kg, 56 kg, 73 kg and 39 kg is:

A. 51.4



B. 53.4

C. 50.4

D. 52.4

Q12 Mathematics

Find the surface area of a cuboid with length 8 cm, breadth 5 cm and height 3 cm.

A. 158 cm²



B. 140 cm²

C. 94 cm²

D. 126 cm²

Q13 Mathematics

Find the simple interest (in ₹) on ₹4,000 at 6.75% per annum rate of interest deposited on 23 February 2024 and withdrawn on 24 April 2024.

A. ₹46

B. ₹43

C. ₹45



D. ₹44

Q14 Mathematics

The LCM of $3^3 \times 8^2 \times 14$, $3^2 \times 14^2 \times 19$ and $8^3 \times 14^2 \times 19^2$ is:

A. $32 \times 83 \times 14 \times 192$

B. $32 \times 82 \times 142 \times 193$

C. $33 \times 82 \times 142 \times 19$

D. $33 \times 83 \times 142 \times 192$

**Q15 Mathematics**

A man driving a car at a speed of 75 km/hr crosses a bridge in 1.4 minutes. Find the length of the bridge.

A. 1.18 km

B. 1.02 km

C. 1.75 km



D. 1.01 km

Q16 Mathematics

If 2 times a mother's present age is 27 years more than 9 times her daughter's present age, and 6 times the daughter's present age is 9 years less than the mother's present age, then what is the difference (in years) between the ages of the mother and the daughter?

A. 23

B. 24



C. 29

D. 21

Q17 Mathematics

The average weight of Vipul, Mohan, and Mohammad is 46 kg. If the average weight of Vipul and Mohan is 36 kg and that of Mohan and Mohammad is 43 kg, then the weight of Mohan (in kg) is:

A. 40

B. 20



C. 35

D. 30

Q18 Mathematics

The population of a district is 364000, out of which 178000 are males. 63% of the population is literate. If 63% males are literate, then what percentage of females are literate?

A. 65%

B. 63%



C. 62%

D. 66%

Q19 Mathematics

A store sells a printer priced at ₹32,000, offering a trade discount of 9%. What is the discount amount?

A. ₹2,740

B. ₹2,780

C. ₹2,880



D. ₹2,840



Q20 Mathematics

Which of the following numbers divide 726179?

A. 28

B. 29

C. 20

D. 23

**Q21 Mathematics**

The product of two consecutive positive natural numbers is 272. The greater of the two numbers is:

A. 28

B. 17



C. 9

D. 36

Q22 Mathematics

What sum of money (in ₹) will amount to ₹2,280 at 4% per annum simple interest in 5 years?

A. ₹1,850

B. ₹1,900



C. ₹11,400

D. ₹1,950

Q23 Mathematics

I bought two frocks for ₹1,200. I sold the first one at a loss of 10% and the second at a gain of 15%. If, on the whole I made neither a loss nor a gain, find the cost price (in ₹) of the first frock.

A. 704

B. 720



C. 740

D. 744

Q24 Mathematics

Find the value of x satisfying: $5(5x^2 - 7) - 5(5x^2 + 2x - 4) = 15$

A. 2

B. -1

C. -3



D. 0

Q25 Mathematics

Priya can do a certain piece of work in 22 days. Priya and Varsha can together do the same work in 11 days, and Priya, Varsha and Nisha can do the same work together in 8 days. In how many days can Priya and Nisha do the same work?

A. $\frac{94}{9}$

B. $\frac{95}{8}$

C. $\frac{88}{7}$



D. $\frac{78}{7}$



Q26 Mathematics

Find the value of $\frac{\sin A - 2\sin^3 A}{2\cos^3 A - \cos A} + \sqrt{\operatorname{cosec}^2 A - 1}$.

A. $\sec^2 A$

B. $\sec A \operatorname{cosec} A$ ✓

C. $\operatorname{cosec}^2 A$

D. $\sec A$

Q27 Mathematics

The selling price of 50 books is equal to the cost price of 5 books. Find the loss or gain percentage.

A. 90% loss ✓

B. $\frac{100}{45}\%$ gain

C. $\frac{100}{45}\%$ loss

D. 90% gain

Q28 Mathematics

ABCD is a trapezium in which $BC \parallel AD$ and $AC = CD$. If $\angle ABC = 113^\circ$ and $\angle BAC = 26^\circ$, then what is the measure of $\angle ACD$ (in degree)?

A. 165°

B. 166°

C. 41° ✓

D. 168°

Q29 Mathematics

Pipe A can fill a tank in 14 hours, pipe B can fill the same tank in 24 hours and pipe C can fill the same tank in 17 hours. The time taken by them to fill the same tank if they operate together is::

A. $2\frac{401}{491}$ hours

B. $11\frac{401}{491}$ hours

C. $10\frac{401}{491}$ hours

D. $5\frac{401}{491}$ hours ✓



Q30 Mathematics

The value of $2^2 + \sqrt{8^2} - 2\sqrt{4} - 11$ is

A. 2

B. 5

C. -3



D. -7

General Intelligence & Reasoning

30 Questions • Answer Key

Q31 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster pair.)

A. KO-ON



B. CG-FG

C. SW-VW

D. AE-DE

Q32 General Intelligence & Reasoning

In the following triads, each group of letters is related to the subsequent one following a certain logic. Select from the given options, the one which follows the same logic.

SAIN - ANIS - NIAS
COIN - ONIC - NIOC

A. YOUR - YUOR - RUOY

B. FEAT - EFAT - TEAF

C. MACE - AMCE - EACM

D. MILE - IELM - ELIM

**Q33 General Intelligence & Reasoning**

In a certain code language,
'A = B' means 'A is the mother of B',
'A \$ B' means 'A is the brother of B',
'A @ B' means 'A is the wife of B' and
'A * B' means 'A is the father of B'.

How is W related to R if $W = A \$ C @ D * R$?

A. Mother

B. Mother's mother



C. Sister

D. Mother's sister

Q34 General Intelligence & Reasoning

Sukesh starts from Point Y and drives 25 km towards south. He then takes a left turn, drives 7 km. He then turns right and drives 5 km. He takes a final right turn, drives 7 km and stops at Point Z. How far (shortest distance) and towards which direction should he drive in order to reach Point Y again? (All turns are 90° turns only unless specified.)

A. 30 km towards north



B. 25 km towards east

C. 14 km towards south

D. 7 km towards west

Q35 General Intelligence & Reasoning

This question is based on the five, three-digit numbers given below.

(Left) 716 893 279 546 182 (Right)

(Example: 697 – First digit = 6, second digit = 9 and third digit = 7)

(NOTE: All operations to be done from left to right.)

If the given numbers are rearranged in descending order, what is the third digit of the fourth number from the left extreme end?

A. 7

B. 9



C. 4

D. 6



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Q36 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series?

7 10 16 28 52 ?

A. 102

B. 99

C. 104

D. 100

**Q37 General Intelligence & Reasoning**

ORJN is related to ILDH in a certain way based on the English alphabetical order. In the same way, MPHL is related to GJBF. To which of the given options is TWOS related, following the same logic?

A. NQIM



B. QNMI

C. NQMI

D. QNIM

Q38 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series?

316 288 262 238 216 ?

A. 172

B. 205

C. 196



D. 185

Q39 General Intelligence & Reasoning

A, B, C, D, E, F and G are sitting around a circular table facing the centre. B sits second to the right of A. G sits second to the right of B. C is the immediate neighbour of E and G. D sits second to the right of E. How many people sit between F and E when counted from the left of E?

A. Three

B. Five

C. Four

D. Two

**Q40 General Intelligence & Reasoning**

What should come in place of the question mark (?) in the given series based on the English alphabetical order?

WXA UWB SVC QUD OTE ?

A. LRF

B. MSF



C. MRF

D. MRE

Q41 General Intelligence & Reasoning

If 'P' stands for '×', 'Q' stands for '÷', 'R' stands for '-' and 'S' stands for '+', then what will come in place of the question mark (?) in the following equation?

(63 P 2) R (24 P 3) S (98 Q 2) R (48 Q 3) R 3 = ?

A. 84



B. 122

C. 98

D. 104

Q42 General Intelligence & Reasoning

B starts from Point A and drives 16 km towards the south. He then takes a right turn and drives 12 km, then turns right and drives 19 km. He then takes a right turn and drives 21 km. He takes a final right turn, drives 3 km and stops at Point P. How far (shortest distance) and in which direction should he drive in order to reach Point A again? (All turns are 90-degree turns only unless specified.)

A. 4 km to the north

B. 9 km to the west



C. 7 km to the east

D. 5 km to the west

Q43 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. WS-XU

B. QM-RO

C. UQ-VR



D. SO-TQ



Q44 General Intelligence & Reasoning

Seven people, I, J, K, L, M, N and O, are sitting in a row, facing north. No one sits to the right of K. Only three people sit between K and J. Only two people sit between J and I. L sits third to the left of O. M sits to the immediate right of O. How many people sit between N and I?

A. Three



B. Four

C. Two

D. One

Q45 General Intelligence & Reasoning

In a certain code language, 'DRUM' is coded as '2194' and 'CURD' is coded as '4592'. What is the code for 'C' in the given code language?

A. 9

B. 2

C. 4

D. 5

**Q46 General Intelligence & Reasoning**

In the following number-pairs, the second number is obtained by applying certain mathematical operation(s) to the first number. Select the number-pair in which the numbers are related in the same way as are the numbers of the following pairs.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding to/subtracting from/multiplying with 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

9, 108

16, 192

A. 14, 154

B. 12, 162

C. 6, 66

D. 11, 132

**Q47 General Intelligence & Reasoning**

If 1 is added to each even digit of the number 85624179, find the sum of the digits that are repeated more than once in the new number thus formed.

A. 16

B. 21



C. 12

D. 14

Q48 General Intelligence & Reasoning

If + means 'subtraction', – means 'division', ÷ means 'multiplication', × means 'addition', then what will come in place of the question mark (?) in the following equation?

$$49 - 1 \times 480 + 40 \div 6 = ?$$

A. 289



B. 291

C. 290

D. 292

Q49 General Intelligence & Reasoning

In a certain code language, 'TALK' is coded as '5327' and 'LINE' is coded as '6143'. What is the code for 'L' in the given code language?

A. 2

B. 6

C. 3



D. 4

Q50 General Intelligence & Reasoning

In a row of 49 students facing north, Amir is 22nd from the right end. If Tarun is 23rd to the left of Amir, what is Tarun's position from the left end of the line?

A. 4th

B. 6th

C. 3rd

D. 5th

**Q51 General Intelligence & Reasoning**

Refer to the following number, symbol series and answer the question. Counting to be done from left to right only.

(Left) 9 8 6 1 & & 2 ^ ^ \$ \$ > 5 ^ 6 ^ 4 & # 6 @ (Right)

How many such symbols are there each of which is immediately preceded by a number and also immediately followed by another symbol?

A. Four

B. Two

C. One

D. Three



Q52 General Intelligence & Reasoning

In a row of people all facing north, Mukul is 5th from the right end. Alok is 10th from the right end. Alok is exactly between Mukul and Rohan. If Rohan is 6th from the left end of the line, how many people are there in the row?

A. 23

B. 20



C. 24

D. 26

Q53 General Intelligence & Reasoning

Seven boxes A, B, C, D, E, F and G are kept one over the other but not necessarily in the same order. Only B is kept above C. Only two boxes are kept between C and A. Only E is kept below F. G is not kept immediately above A. How many boxes are kept below A?

A. 1

B. 2



C. 3

D. 4

Q54 General Intelligence & Reasoning

BSWK is related to GXTH in a certain way based on the English alphabetical order. In the same way, LCQE is related to QHNB. To which of the given options is VMKY related, following the same logic?

A. ZRFU

B. BSGV

C. ARHV



D. AQIW

Q55 General Intelligence & Reasoning

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

Some marks are tattoo.

No tattoo is a painting.

Conclusions:

(I): Some marks are painting.

(II): Some tattoo are mark.

A. Only conclusion (II) follows.



B. Only conclusion (I) follows.

C. Both conclusions (I) and (II) follow.

D. Neither conclusion (I) nor (II) follows.

Q56 General Intelligence & Reasoning

If 1 is added to each odd digit and 4 is subtracted from each even digit in the number 6854376, which of the following digits will be third from the right?

A. 0

B. 6

C. 8

D. 4

**Q57 General Intelligence & Reasoning**

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.

Statements:

All sharks are salmon.

Some salmon are tunas.

Conclusions:

I. Some sharks are tunas.

II. No tunas are sharks.

A. Only conclusion (II) follows.

B. Both conclusions (I) and (II) follow.

C. Neither conclusion (I) nor (II) follows.



D. Only conclusion (I) follows.

Q58 General Intelligence & Reasoning

Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

FIB27 GJC38 HKD49 ILE60 ?

A. JME71

B. JMF70

C. JME70

D. JMF71

**Q59 General Intelligence & Reasoning**

What should come in place of the question mark (?) in the given series?

981 982 986 995 1011 ?

A. 1021

B. 1026

C. 1036



D. 1031



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Q60 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. FMH

B. KRM

C. DKE



D. HOJ

General Awareness

40 Questions • Answer Key

Q61 General Awareness

In which of the following Indian cities was the Prarthana Samaj, which believed in the spiritual equality of all castes, founded in the 19th century?

A. Mysore

B. Kanpur

C. Jodhpur

D. Bombay

**Q62 General Awareness**

Globalisation influenced consumer choices in India. Which trend reflects the impact of globalisation on Indian consumers?

A. Less brand diversity

B. Wider availability of international brands



C. Decline in foreign goods

D. Monopolisation of FMCG

Q63 General Awareness

Which of the following conducted India's inaugural Agentic AI Hackathon in 2025?

A. Techvantage.ai



B. DigitalNext AI

C. Bharat Innovation Lab

D. AI Nexus Foundation

Q64 General Awareness

Which of the following rivers is a peninsular river and flows eastward?

A. Tapti

B. Mahanadi



C. Narmada

D. Sabarmati

Q65 General Awareness

Which island nation lies to the south of the Lakshadweep Islands?

A. Mauritius

B. Maldives



C. Sri Lanka

D. Andaman Islands

Q66 General Awareness

How are the one-third reserved seats for women distributed across different categories in local bodies?

A. Only one-third of the general (unreserved) seats are reserved for women, excluding reserved-category seats.

B. One-third reservation applies only to rural Panchayats and not to urban municipal bodies.

C. One-third reservation applies only to leadership positions such as Sarpanch or Chairperson.

D. One-third of all seats, including those reserved for SC/ST/OBC categories, are reserved for women, allowing a seat to be reserved simultaneously for a woman and for an SC/ST/OBC candidate.



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Q67 General Awareness

Who addressed the opening session of the 24th edition of the World Sustainable Development Summit in New Delhi in March 2025?

- A. Amit Shah
- B. Pralhad Joshi
- C. Piyush Goyal
- D. Bhupender Yadav

**Q68 General Awareness**

Who among the following was the renowned poet-saint of the Bhakti movement known for composing dohas (couplets)?

- A. Bharavi
- B. Kalidasa
- C. Kabir
- D. Bhasa

**Q69 General Awareness**

The BIMSTEC Youth Summit 2025 was held in which city?

- A. Gandhinagar
- B. Bengaluru
- C. Mumbai
- D. New Delhi

**Q70 General Awareness**

Which of the following options best describes the purpose of the Red Data Book?

- A. A compilation of forest conservation laws
- B. A collection of tree species
- C. A list of protected forest areas
- D. A record of endangered plant and animal species

**Q71 General Awareness**

Which of the following devices is primarily used to convert digital signals into sound for audio output?

- A. Speaker
- B. Monitor
- C. Printer
- D. Microphone

**Q72 General Awareness**

Which country served as the host for the 2025 Asian Winter Games?

- A. China
- B. Japan
- C. Kazakhstan
- D. South Korea

**Q73 General Awareness**

Which method used in metallurgy specifically describes the formation of metal oxides by heating carbonate ores?

- A. Calcination
- B. Chlorination
- C. Carbonation
- D. Calcification

**Q74 General Awareness**

The Shaka dynasty in India was founded by ____.

- A. Maues (Moga)
- B. Menander I
- C. Rudradaman I
- D. Nahapana

**Q75 General Awareness**

Which of the following is NOT a principle of Jainism?

- A. Practice of non-injury to living beings
- B. The whole world, including stone and water, has life.
- C. Rejection of the doctrine of Karma
- D. Monastic life is the only way to salvation.

**Q76 General Awareness**

Who was appointed as the Chairperson of the 23rd Law Commission of India in April 2025?

- A. Justice (Retd.) Dinesh Maheshwari
- B. Justice (Retd.) AK Sikri
- C. Justice (Retd.) Kurian Joseph
- D. Justice (Retd.) Ranjan Gogoi



Q77 General Awareness

What makes basic rules in the Constitution effective?

- A. They are a secret.
- B. They are legally enforceable. ✓
- C. They are not enforced.
- D. They are based on popular customs only.

Q78 General Awareness

Who has written the book 'Parliament: Powers, Functions & Privileges; A Comparative Constitutional Perspective', launched by the former Vice-President Jagdeep Dhankhar in January 2025?

- A. MJ Akbar
- B. Dr. KS Chauhan ✓
- C. K Natwar Singh
- D. Dr. Rajen Saikia

Q79 General Awareness

Which of the following US biotech companies opened a \$200 million tech and innovation hub in 2025?

- A. Amgen ✓
- B. Biogen
- C. Genentech
- D. Novavax

Q80 General Awareness

Which of the following is an example of a longitudinal wave?

- A. Radio wave during transmission
- B. Sound wave in air ✓
- C. Water wave on surface
- D. Light wave in vacuum

Q81 General Awareness

In March 2025, the Lok Sabha passed the Bills of Lading Bill, modernising how many years of old colonial shipping law?

- A. 169 years ✓
- B. 120 years
- C. 175 years
- D. 150 years

Q82 General Awareness

Which sector was given top priority under the Second Five-Year Plan of India (1956-61)?

- A. Education and health
- B. Small-scale industries
- C. Agriculture
- D. Heavy and basic industries ✓

Q83 General Awareness

On the occasion of Republic Day 2025, the president of India conferred how many Jeevan Raksha Padak Series of Awards-2024?

- A. 23
- B. 49 ✓
- C. 17
- D. 09

Q84 General Awareness

What type of rainfall occurs when air is forced to rise over a mountain barrier?

- A. Cyclonic rainfall
- B. Frontal rainfall
- C. Orographic rainfall ✓
- D. Convectional rainfall

Q85 General Awareness

Which exercise did INS Shivalik complete just before joining RIMPAC in June 2024?

- A. JIMEX ✓
- B. INDRA
- C. AUSINDEX
- D. SLINEX

Q86 General Awareness

Hema Malini, who was appointed Member of Committee on the Empowerment of Women in April 2025, represents which parliamentary constituency?

- A. Bareilly
- B. Agra
- C. Meerut
- D. Mathura ✓



Q87 General Awareness

Agricultural credit has grown significantly since liberalisation, though distribution remains uneven. Which institution is the apex body for rural credit in India?

A. NABARD



B. RBI

C. SIDBI

D. FCI

Q88 General Awareness

The location of cement plants is mainly governed by the availability of:

A. iron ore

B. bauxite

C. cotton

D. limestone

**Q89 General Awareness**

According to the Citizenship Act, how many years must a person ordinarily reside in India to apply for citizenship by naturalisation under general conditions?

A. 7 years

B. 10 years

C. 12 years



D. 5 years

Q90 General Awareness

Puja Tomar, the first Indian woman to achieve a victory in a UFC (Ultimate Fighting Championship) fight in 2024, participates in which sport?

A. Wrestling

B. Mixed Martial Arts



C. Boxing

D. Judo

Q91 General Awareness

In May 2025, which Indian AI healthcare startup announced plans to go public within two years, aiming to expand its diagnostic tools for conditions like tuberculosis and stroke?

A. Qure.ai



B. HealthifyMe

C. Niramai

D. 1mg

Q92 General Awareness

Which of the following Amendments clarified that the President must act in accordance with the advice of the Council of Ministers?

A. 74thAmendment

B. 24thAmendment

C. 44thAmendment

D. 42ndAmendment

**Q93 General Awareness**

A computer system mainly includes which three components?

A. Input, Processing, Output



B. Monitor, USB, Light

C. CPU, Scanner, Air Conditioner

D. Mouse, CPU, Mobile

Q94 General Awareness

Which Indian Prime Minister is closely associated with initiating the 1991 LPG reforms?

A. PV Narasimha Rao



B. Rajiv Gandhi

C. Indira Gandhi

D. Atal Bihari Vajpayee

Q95 General Awareness

Which of the following Articles of the Indian Constitution provides for the composition of Municipalities?

A. Article 243S

B. Article 243Q

C. Article 243R



D. Article 243X

Q96 General Awareness

What was the Congress leaders' approach to achieving limited self-government in the early years?

A. Foreign intervention

B. Violent protests



C. Peaceful petitions

D. Revolutionary wars



Q97 General Awareness

Which military operation was launched to integrate Hyderabad into India in 1948?

- A. Operation Peace
- B. Operation Lotus
- C. Operation Shield
- D. Operation Polo



Q98 General Awareness

Which two chemists are credited with developing the law of mass action in 1864, which states that the concentration of the reactants determines how quickly a chemical change occurs?

- A. Fritz Haber and Carl Bosch
- B. Carl Wilhelm Scheele and Humphry Davy
- C. Cato M Guldberg and Peter Waage
- D. Georg Brandt and Torbern Bergman



Q99 General Awareness

Which of the following states recorded the second-highest population density in 2011 as per the Census of India?

- A. Uttar Pradesh
- B. West Bengal
- C. Maharashtra
- D. Madhya Pradesh



Q100 General Awareness

Which of the following countries launched Operation Brahma for the earthquake in Myanmar?

- A. India
- B. Thailand
- C. Cambodia
- D. Bhutan



Mathematics

30 Questions • Answer Key

Q1 Mathematics

A cylinder has its radius reduced by 20% while its height is increased by 40%. What is the percentage change in its volume?

- A. 14.2% increase
- B. 10.4% decrease ✓
- C. 12% increase
- D. No increase or decrease

Q2 Mathematics

An article is marked at ₹4,000. Two successive discounts of 25% and 20% are given. What is the final price?

- A. ₹2,600
- B. ₹2,400 ✓
- C. ₹2,500
- D. ₹2,560

Q3 Mathematics

A man walks to a viewpoint and returns to the starting point by his car maintaining constant speed and thus takes a total time of 5 hours 30 minutes. He would have gained 3 hours by driving both ways. How long would it have taken for him to walk both ways with same walking speed?

- A. 8 hours 45 minutes
- B. 9 hours 30 minutes
- C. 8 hours 30 minutes ✓
- D. 7 hours 15 minutes

Q4 Mathematics

Yash travels 252 km at 63 km/hr, the next 891 km at 99 km/hr and the next 183 km at 61 km/hr. What is his average speed (in km/hr) for the whole journey? (Round off your answer to two decimal places)

- A. 88.59
- B. 82.88 ✓
- C. 79.83
- D. 84.55

Q5 Mathematics

The number 861616843 is divisible by which of the following?

- A. 43 ✓
- B. 47
- C. 36
- D. 50

Q6 Mathematics

An amount of ₹638 is divided among three persons in the ratio of 5 : 17 : 7. The difference between the largest and the smallest shares (in ₹) in the distribution is:

- A. 264 ✓
- B. 170
- C. 190
- D. 331

Q7 Mathematics

The population of a district is 356000, out of which 178000 are males. 39% of the population is literate. If 59% males are literate, then what percentage of females are literate?

- A. 16%
- B. 19% ✓
- C. 17%
- D. 21%

Q8 Mathematics

The number 956169 is divisible by which of the following?

- A. 12
- B. 2
- C. 4
- D. 3 ✓

Q9 Mathematics

Find the simple interest (in ₹) if a sum of ₹400 is borrowed for 5.5 years at 16% per annum rate of interest.

- A. 452
- B. 332
- C. 402
- D. 352 ✓



Q10 Mathematics

If 40% of first number is equal to two-sevenths of second number, what is the ratio of first number to the second number?

A. 5 : 7



B. 8 : 4

C. 4 : 8

D. 1 : 9

Q11 Mathematics

Simplify $x(7x - 4) + 2(x^2 - 2) + 11$.

A. $9x^2 - 4x - 7$

B. $-9x^2 - 4x - 7$

C. $-9x^2 - 4x + 7$

D. $9x^2 - 4x + 7$

**Q12 Mathematics**

Evaluate 182^2 .

A. 33094

B. 33124



C. 33074

D. 33084

Q13 Mathematics

The average weight (in kg) of a family of five members whose weights are 40 kg, 49 kg, 56 kg, 74 kg and 36 kg is:

A. 53

B. 51



C. 50

D. 52

Q14 Mathematics

Find the simple interest (in ₹) on ₹4,000 at 7.5% per annum rate of interest deposited on 12 February 2024 and withdrawn on 13 April 2024.

A. 50



B. 49

C. 51

D. 48

Q15 Mathematics

The average of first 154 even numbers is

A. 156

B. 155



C. 155.5

D. 154.5

Q16 Mathematics

The number of prime numbers lying between 393 and 401, both included, is:

A. 1

B. 2



C. 3

D. 7

Q17 Mathematics

4 years ago, the age of a father was 37 years more than twice his son's age. After how many years, from now, will he be twice his son's age?

A. 30

B. 31

C. 35

D. 33

**Q18 Mathematics**

By availing two successive discounts of 20% and 10%, a customer got a discount of ₹23,800. Determine the marked price of the item.

A. ₹85,000



B. ₹80,000

C. ₹75,000

D. ₹90,000

Q19 Mathematics

A number, when increased by 100%, gives 2800. The number is:

A. 700

B. 4200

C. 2800

D. 1400



Q20 Mathematics

Mohan and Nishant start a business. Mohan invests ₹89,000 more than Nishant for 3 months and Nishant invests for 2 months. Mohan's share is ₹1,070 more than that of Nishant, out of a total profit of ₹4,280. Find the capital contributed by Mohan.

A. ₹8,20,000

B. ₹8,90,000 

C. ₹8,60,000

D. ₹8,10,000

Q21 Mathematics

Given that $103^{0.2} = x$, $103^{0.43} = y$ and $x^z = y^6$, then the value of z is close to:

A. 12.45

B. 14.16

C. 12.9 

D. 11.74

Q22 Mathematics

The sum of the squares of two consecutive even natural numbers is 1460. The sum of the numbers is:

A. 54 

B. 58

C. 60

D. 56

Q23 Mathematics

If the 6-digit number N29M11 is divisible by 11, then which of the options below can give a possible correct relation between M and N?

A. $M + N = -7$ B. $M - N = 1$ C. $M - N = 7$ D. $M = N$ **Q24 Mathematics**

The selling price of 50 books is equal to the cost price of 19 books. Find the loss or gain percentage.

A. $\frac{100}{31}\%$ gainB. $\frac{100}{31}\%$ loss

C. 62% gain

D. 62% loss **Q25 Mathematics**

Pipe A can fill a tank in 11 hours, pipe B can fill the same tank in 26 hours and pipe C can fill the same tank in 12 hours. The time taken by them to fill the same tank if they operate together is::

A. $7\frac{256}{365}$ hoursB. $10\frac{256}{365}$ hoursC. $11\frac{256}{365}$ hoursD. $4\frac{256}{365}$ hours 

Q26 Mathematics

Himanshi bought a toy for ₹199, decorated it at a cost of ₹9, and sold the toy for ₹231. Find the loss or gain percentage.

A. 575% profit

B. $\frac{585}{52}$ % loss

C. $\frac{575}{52}$ % profit



D. $\frac{575}{52}$ % loss

Q27 Mathematics

Simplify: $\frac{\cos \alpha}{1 - \sin \alpha} - \frac{1 + \sin \alpha}{\cos \alpha}$

A. $\cos^2 \alpha$

B. 0



C. $\sin^2 \alpha$

D. 1

Q28 Mathematics

A cylindrical rod has an outer curved surface area of 2200 cm^2 . If the length of the rod is 16 cm, then the outer radius (in cm) of the rod, correct to two places of decimal, is:

(Take $\pi = \frac{22}{7}$)

A. 21.09

B. 23.29

C. 21.88



D. 23.95

Q29 Mathematics

Lokesh and Manoj can complete a certain piece of work in 11 and 15 days, respectively. They started to work together, and after 5 days, Manoj left. In how many days will Lokesh complete the remaining work?

A. $7\frac{1}{3}$

B. $7\frac{2}{3}$

C. $2\frac{2}{3}$

D. $2\frac{1}{3}$



Q30 Mathematics

ABCD is a quadrilateral in which $AB \parallel DC$, and E and F are the mid points of the diagonals AC and BD, respectively. If $AB = 45$ cm, $BC = 96$ cm, $DC = 53$ cm, and $AD = 37$ cm, then what is the length (in cm) of EF?

A. 3

B. 4

C. 5

D. 7

**General Intelligence & Reasoning**

30 Questions • Answer Key

Q31 General Intelligence & Reasoning

FRUZ is related to IVXD in a certain way based on the English alphabetical order. In the same way, RHGP is related to ULJT. To which of the given options is ATPB related, following the same logic?

A. DESW

B. DXSF

C. DFSE

D. DXFS

**Q32 General Intelligence & Reasoning**

If 'A' stands for ' $\div$ ', 'B' stands for ' $\times$ ', 'C' stands for ' $+$ ' and 'D' stands for ' $-$ ', what will come in place of the question mark (?) in the following equation?

$$49 \text{ A } 7 \text{ C } 24 \text{ D } 8 \text{ B } 2 = ?$$

A. 15

B. 37

C. 21

D. 28

**Q33 General Intelligence & Reasoning**

Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. INN

B. JNO

C. NRS

D. UYZ

**Q34 General Intelligence & Reasoning**

Read the given statement(s) and conclusions carefully. Assuming that the information given in the statement(s) is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statement(s).

Statements:

Some paintings are frame.
All frames are decoratives.

Conclusions:

(I) Some paintings are decoratives.

(II) All decoratives are frame.

A. Only conclusion (I) follows.

B. Only conclusion (II) follows.

C. Both conclusions (I) and (II) follow.

D. Neither conclusion (I) nor (II) follows.

**Q35 General Intelligence & Reasoning**

If 'A' stands for ' $\div$ ', 'B' stands for ' $\times$ ', 'C' stands for ' $+$ ' and 'D' stands for ' $-$ ', what will come in place of the question mark (?) in the following equation?

$$99 \text{ A } 9 \text{ C } 12 \text{ B } 2 \text{ D } 16 = ?$$

A. 35

B. 19

C. 12

D. 26

**Q36 General Intelligence & Reasoning**

In a certain code language, 'life is good' is coded as 'tu ro na' and 'she loves life' is coded as 'ko ie na'. How is 'life' coded in the given language?

A. na

B. tu

C. ie

D. ko



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Q37 General Intelligence & Reasoning

Six people, L, M, N, O, P and Q are sitting in a row, facing north. Only two people sit to the right of P. Q sits second to the left of M. N is not an immediate neighbour of M. O sits on the immediate right of P. Who sits to the immediate right of L?

A. N

B. Q

C. P

D. M

**Q38 General Intelligence & Reasoning**

Seven boxes A, B, C, D, E, F and G are kept one over the other but not necessarily in the same order. Only A is kept above D. Only E is kept between D and F. Only B is kept below G. How many boxes are kept below F?

A. 4

B. 2

C. 1

D. 3

**Q39 General Intelligence & Reasoning**

What should come in place of the question mark (?) in the given series based on the English alphabetical order?

GDB OLJ WTR EBZ ?

A. HMJ

B. MHJ

C. HJM

D. MJH

**Q40 General Intelligence & Reasoning**

In a certain code language, 'YORK' is coded as '0834' and 'KRAY' is coded as '3458'. What is the code for 'A' in the given code language?

A. 4

B. 3

C. 5



D. 8

Q41 General Intelligence & Reasoning

In the following triads, each group of letters is related to the subsequent one following a certain logic. Select from the given options, the one which follows the same logic.

CUTS - UCTS - CTSU

AVID - VAID - AIDV

A. JUTE - UJTE - UTEJ

B. PLAY - LPAY - PAYL



C. RACK - RCAK - KCAR

D. LOAD - OLAD - DOAL

Q42 General Intelligence & Reasoning

Suman ranked 22nd from the top and 13th from the bottom in his class. How many students are there in his class?

A. 32

B. 33

C. 34



D. 31

Q43 General Intelligence & Reasoning

Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) 6 & 3 * # 2 @ 4 # 1 & 8 £ Ω 5 * \$ 7 % 9 (Right)

How many such symbols are there, each of which is immediately preceded by an odd number but NOT immediately followed by an even number?

A. Three



B. Two

C. One

D. None

Q44 General Intelligence & Reasoning

If 'A' stands for '÷', 'B' stands for '×', 'C' stands for '+' and 'D' stands for '-', what will come in place of the question mark (?) in the following equation?

63 A 7 C 18 D 8 B 2 = ?

A. 26

B. 11



C. 5

D. 18



Q45 General Intelligence & Reasoning

Select the triad that follows the same pattern as that followed by the two triads given below. Both triads follow the same pattern.

BI-EK-GJ
EL-HN-JM

- A. GO-LQ-NP
- B. HO-KQ-MP
- C. GO-KQ-NP
- D. HO-KQ-NP

**Q46 General Intelligence & Reasoning**

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.

Statements: Some Indians are Americans. Some Americans are Chinese.

Conclusions (I): No Chinese is an American.
Conclusions (II): All Indians are Chinese.

- A. Both conclusions (I) and (II) follow.
- B. Only conclusion (II) follows.
- C. Neither conclusion (I) nor (II) follows.
- D. Only conclusion (I) follows.

**Q47 General Intelligence & Reasoning**

What should come in place of the question mark (?) in the given series?

81 ? 36 21 11 6

- A. 54
- B. 56
- C. 48
- D. 52

**Q48 General Intelligence & Reasoning**

In the following number-pairs, the second number is obtained by applying certain mathematical operation(s) to the first number. Select the number-pair in which the numbers are related in the same way as are the numbers of the following pairs.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding to/subtracting from/multiplying with 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

16, 47
24, 71

A. 15, 62

B. 35, 104

C. 12, 45

D. 27, 101

**Q49 General Intelligence & Reasoning**

Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

- A. NJO
- B. FBH
- C. IEK
- D. LHN

**Q50 General Intelligence & Reasoning**

Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

- A. SLO
- B. QJM
- C. UNR
- D. WPS



Q51 General Intelligence & Reasoning

H, I, J, K, U, V and W are sitting around a circular table facing the centre of the table. V sits to the immediate left of I. H sits to the immediate left of J. J sits second to the left of K. W sits third to the left of I. Who sits third to the right of U?

A. K

B. V

C. W



D. H

Q52 General Intelligence & Reasoning

In a certain code language,
 $A + B$ means 'A is the daughter of B'
 $A - B$ means 'A is the father of B'
 $A \times B$ means 'A is the son of B'
 $A \div B$ means 'A is the sister of B'

Based on the above, how is Q related to D if ' $Q + E - R \times C \div D$ '?

A. Sister's daughter



B. Daughter

C. Sister

D. Mother

Q53 General Intelligence & Reasoning

Rouf starts from Point A and drives 4 km towards South. He then takes a left turn, drives 9 km, turns left and drives 8 km. He then takes a left turn and drives 16 km. He takes a final left turn, drives 4 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90° turns only unless specified.)

A. 4 km to the South

B. 5 km to the West

C. 7 km to the East



D. 6 km to the South

Q54 General Intelligence & Reasoning

Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) # © 8 4 5 % % 3 8 2 8 2 9 4 £ & % © # £ 1 * (Right)

How many such symbols are there, each of which is immediately preceded by a number and also immediately followed by a symbol?

A. 4

B. 2



C. 1

D. 3

Q55 General Intelligence & Reasoning

Each of the digits in the number 9238471 is arranged in ascending order from left to right. What will be the sum of the digits that are second from the left and second from the right in the new number thus formed?

A. 8

B. 10



C. 7

D. 6

Q56 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series based on the English alphabetical order?

ZWR VSN ROJ NKF ?

A. JGB



B. JGA

C. JHA

D. JHB

Q57 General Intelligence & Reasoning

Seven boxes, A, B, C, D, E, F and G, are kept one over the other but not necessarily in the same order.

B is kept second from the bottom. Only three boxes are kept between B and E. C is kept at one of the positions below B. Only A is kept between E and F. G is kept at one of the positions above E.

How many boxes are kept between C and D?

A. 2

B. 4

C. 3

D. 1



Q58 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series?

59 , 60 , 64 , 73 , 89 , ?

A. 113

B. 115

C. 116

D. 114

**Q59 General Intelligence & Reasoning**

Ram started from Point A and walked 5 km towards the east, and then, after turning to his right, walked 4 km. He then turned to his right and walked 5 km. Again, he turned to his right and walked 5 km to stop at Point P. In which direction should he walk to reach Point A again? (All turns are 90-degree turns only unless specified.)

A. West

B. South



C. North

D. East

Q60 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series?

22 26 32 40 50 ?

A. 62



B. 76

C. 84

D. 70

General Awareness

40 Questions • Answer Key

Q61 General Awareness

Which of the following Articles of the Indian Constitution defines the money bill?

A. Article 112

B. Article 117

C. Article 110



D. Article 105

Q62 General Awareness

Which of the following Vedas mentions the names of some learned ladies like Viswavara, Apala and Ghosa who composed mantras and attained the rank of Rishis?

A. The Atharvaveda

B. The Yajurveda

C. The Samaveda

D. The Rigveda

**Q63 General Awareness**

Which team did the United States defeat to win the gold medal at the 2025 International Ice Hockey Federation (IIHF) World Championship?

A. Canada

B. Switzerland



C. Sweden

D. Finland

Q64 General Awareness

Which of the following statements correctly distinguishes between the Cabinet and the Council of Ministers?

A. The Council of Ministers does not include the Prime Minister

B. The Cabinet includes senior ministers, while the Council includes all categories of ministers



C. The Cabinet is larger and includes all ministers, while the Council is a smaller group

D. The Cabinet is not part of the executive, but the Council is part of the executive



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Q65 General Awareness

How does the use of renewable energy contribute to sustainable development?

- A. It reduces environmental pollution and conserves resources.** ✓
- B. It provides unlimited profits to energy companies.
- C. It increases dependency on fossil fuels.
- D. It rapidly depletes natural ecosystems.

Q66 General Awareness

The Devi Movement took place in which of the following regions of India?

- A. North Gujarat
- B. South Gujarat** ✓
- C. Western Maharashtra
- D. Eastern Madhya Pradesh

Q67 General Awareness

Which is the deadliest species of Plasmodium that causes malaria in humans?

- A. Plasmodium knowlesi
- B. Plasmodium falciparum** ✓
- C. Plasmodium inui
- D. Plasmodium ovale

Q68 General Awareness

What was India's rank in the Global Gender Gap Report, 2025?

- A. 131st out of 148 nations** ✓
- B. 135th out of 150 nations
- C. 129th out of 148 nations
- D. 130th out of 147 nations

Q69 General Awareness

Which of the following is an example of an operating system commonly used on laptops?

- A. Microsoft Word
- B. Google Chrome
- C. Windows 11** ✓
- D. Adobe Photoshop

Q70 General Awareness

The term 'License Raj' is related to which sector of the Indian economy?

- A. Services
- B. Foreign Trade
- C. Agriculture
- D. Industry** ✓

Q71 General Awareness

Who among the following promoted, raised funds for and ran the Swadeshi Steam Navigation Company (SSNCo) from Tuticorin, a coastal town in southern Tamil Nadu, to take on the might of the British India Steam Navigation Company?

- A. Velu Nachiyar
- B. Alluri Sitarama Raju
- C. Garimella Satyanarayana
- D. VO Chidambaram Pillai** ✓

Q72 General Awareness

Which river in Jammu and Kashmir has the world's highest railway bridge built over it?

- A. Ravi
- B. Beas
- C. Jhelum
- D. Chenab** ✓

Q73 General Awareness

Identify the language which is primarily spoken in the state of Mizoram in India from the options below.

- A. Lushai
- B. Ao
- C. Mizo** ✓
- D. Nissi

Q74 General Awareness

What is the name of the genome-edited rice variety developed to improve yield and productivity in May 2025?

- A. DRR Dhan 100 (Kamala) and Pusa DST Rice 1** ✓
- B. Malaviya Manila Sinchit Dhan-1 and Pusa Basmati 1121
- C. Samba Mahsuri and MTU 1010
- D. IR64 and Swarna Sub1



Q75 General Awareness

What feature of Indus Valley town planning indicates advanced civic amenities and engineering skills of the civilisation?

A. Drainage systems



B. Underground railways

C. Temples

D. Rock-cut caves

Q76 General Awareness

Why is legal enforceability of rules important in a society?

A. It gives power to the police only.

B. So people can break them without fear

C. It provides assurance that others will follow the rules.



D. To punish minorities

Q77 General Awareness

Which colonial policy is often blamed for the decline of India's traditional handicraft industries?

A. Green revolution

B. Doctrine of lapse

C. De-industrialisation policy



D. Zamindari system

Q78 General Awareness

Which of the following continents is located entirely in the Southern Hemisphere?

A. Europe

B. South America

C. Australia



D. Africa

Q79 General Awareness

In February 2021, which of the following was amended, enabling the Ministry of Road Transport and Highways to also look after the development of Ropeways and Alternate Mobility Solutions?

A. Government of India (Allocation of Business) Rules 1981

B. Government of India (Allocation of Business) Rules 1951

C. Government of India (Allocation of Business) Rules 1961



D. Government of India (Allocation of Business) Rules 1971

Q80 General Awareness

Who among the following was arrested and imprisoned for refusing to give evidence against Aurobindo Ghosh in the Bande Mataram conspiracy case?

A. Bipin Chandra Pal



B. Kanaiyalal Maneklal Munshi

C. Garimella Satyanarayana

D. Peer Ali Khan

Q81 General Awareness

Which of the following elements is found in the p-block?

A. Barium

B. Nitrogen



C. Chromium

D. Sodium

Q82 General Awareness

The Immigration and Foreigners Bill 2025, repeals which of the following Acts?

A. The Foreign Contribution (Regulation) Act, 2010

B. The Emigration Act, 1983

C. The Passport (Entry into India) Act, 1920



D. The Immigration (Carriers Liability) Amendment Act, 2005

Q83 General Awareness

Why is the iron and steel industry called a basic industry?

A. Because it provides essential raw materials, machinery, and tools to a wide range of other industries



B. Because it provides raw materials for other industries

C. Because it mainly produces household consumer items

D. Because it processes naturally available iron ores

Q84 General Awareness

What does privatisation mean in the Indian economic context?

A. Selling government companies to private companies



B. Nationalising all banks

C. Making all jobs government-based

D. Giving more subsidies to farmers



Q85 General Awareness

Which of the following Directive Principles of State Policy was added by the Forty-fourth Amendment Act, 1978?

- A. Provision for free legal aid to the poor
- B. Reduction of inequalities in income and status among individuals and groups ✓
- C. Protection and improvement of the environment and wildlife
- D. Participation of workers in industrial management

Q86 General Awareness

Which of the following locations was among the venues that hosted the inaugural Khelo India Beach Games in 2025?

- A. Diu ✓
- B. Goa
- C. Chennai
- D. Kochi

Q87 General Awareness

Where is the Genome India data officially hosted during its launch in 2025?

- A. Indian Science Informatics Centre
- B. HealthTech Data Repository
- C. National Genome Archive
- D. Indian Biological Data Centre ✓

Q88 General Awareness

What is the area around the equator called where the trade winds from both hemispheres converge?

- A. Subtropical High
- B. Polar Front
- C. Horse Latitudes
- D. Inter-Tropical Convergence Zone (ITCZ) ✓

Q89 General Awareness

Which neighbouring country of India is an island nation in the Indian Ocean?

- A. Myanmar
- B. Maldives ✓
- C. Nepal
- D. Bhutan

Q90 General Awareness

Who was sworn in as the Minister of Education, Women and Child Development in the 2025 Delhi cabinet?

- A. Ashish Sood
- B. Manjinder Singh Sirsa
- C. Rekha Gupta ✓
- D. Meenakshi Lekhi

Q91 General Awareness

Which body acts as the apex at the district level in Panchayati Raj?

- A. Panchayat Samiti
- B. Zilla Parishad ✓
- C. Gram Panchayat
- D. Municipal Corporation

Q92 General Awareness

Which public sector organisation is the largest provider of surface transport services in India?

- A. Shipping Corporation of India
- B. National Highways Authority of India (NHAI)
- C. Indian Railways ✓
- D. State Transport Corporation

Q93 General Awareness

In January 2025, how many sportspeople were awarded with the Major Dhyan Chand Khel Ratna Award for the year 2024?

- A. 03
- B. 04 ✓
- C. 06
- D. 05

Q94 General Awareness

In May 2025, who took charge as the new Vice Chief of the Air Staff?

- A. Air Marshal Vijay Kumar Garg
- B. Air Marshal Sujeet Pushpakar Dharkar
- C. Air Marshal Nagesh Kapoor
- D. Air Marshal Narmdeshwar Tiwari ✓



Q95 General Awareness

Which of the following is a characteristic of primary memory in a computer?

- A. It stores data permanently.
- B. It is used to back up files externally.
- C. It holds data temporarily for quick access during processing. ✓
- D. It is slower than secondary memory.

Q96 General Awareness

In May 2025, an Indian medical team contributed to an international study demonstrating that AI can predict life-threatening heart arrhythmias up to two weeks in advance. Which condition was the AI model primarily designed to predict?

- A. Fast Ventricular Tachycardia ✓
- B. Bradycardia
- C. Atrial Fibrillation
- D. Heart Block

Q97 General Awareness

Where was the 55th World Economic Forum Annual Meeting, 2025, held?

- A. Brazil
- B. Belgium
- C. Switzerland ✓
- D. Peru

Q98 General Awareness

What is the phenomenon called when a wire passes through a block of ice without splitting it and the water refreezes after the wire passes?

- A. Regelation ✓
- B. Condensation
- C. Sublimation
- D. Fusion

Q99 General Awareness

With which country did India conduct a joint military exercise called 'Cyclone-III' at Mahajan Field Firing Range in Rajasthan in February 2025?

- A. Japan
- B. Singapore
- C. Egypt ✓
- D. France

Q100 General Awareness

What is the focus of the Scheme of Human Resources Development in Sports?

- A. Training and development of sports professionals ✓
- B. Building swimming pools for agile swimmers
- C. Construction of gyms in every part of India
- D. Establishing fitness clubs for youngsters



Mathematics

30 Questions • Answer Key

Q1 Mathematics

Which of the following numbers divides 86,16,843?

A. 43



B. 50

C. 36

D. 47

Q2 Mathematics

The LCM of the numbers 12.8 and 0.004 is:

A. 1.28

B. 12.8



C. 0.128

D. 128

Q3 Mathematics

After giving two successive discounts, each of $x\%$ on the marked price of an article, the total discount is ₹18,000. If the marked price of the article is ₹50,000, find the value of x .

A. 20



B. 40

C. 10

D. 30

Q4 Mathematics

Find the value of: $[459 \div \{11 + 2 \times (5 - 9)\}]$.

A. 154

B. 152

C. 153



D. 155

Q5 Mathematics

Find the value of $50^{-6} \div 50^{18} \times 50^{-5}$.

A. 50-19

B. 50-29



C. 50-36

D. 50-32

Q6 Mathematics

₹12,300 were divided among A, B and C such that 3 times the share of A = 6 times the share of B = 2 times the share of C. Find the share of A.

A. ₹3,915

B. ₹3,924

C. ₹4,063

D. ₹4,100



Q7 Mathematics

The product of two consecutive natural numbers is 702. The greater of the two numbers is:

A. 24

B. 26

C. 38

D. 27



Q8 Mathematics

In covering a distance of 30 km, Anmol takes 7 hours more than Nikhil. If Anmol doubles his speed, then he would take 8 hours less than Nikhil. Anmol's speed is:

A. 6 km/hr

B. 1 km/hr



C. 3 km/hr

D. 7 km/hr

Q9 Mathematics

A man driving a car at a speed of 99 km/hr crosses a bridge in 1.2 minutes. Find the length (in metres) of the bridge.

A. 1960

B. 1970

C. 1980



D. 1950



Q10 Mathematics

Find the median of 26, 13, 14, 15, 8, 36, 23, 35 and 50.

A. 35

B. 50

C. 23



D. 26

Q11 Mathematics

A retailer offers the following discount scheme to his customers for the purchase of articles.

'Buy 30 and get 10 free'

Find the discount percentage offered.

A. 28%

B. 30%

C. 25%



D. 26%

Q12 Mathematics

I bought two dresses for ₹1,200. I sold the first one at a loss of 9% and the second at a gain of 18%. If, on the whole I made neither a loss nor a gain, find the cost price (in ₹) of the first dress.

A. 800



B. 824

C. 784

D. 820

Q13 Mathematics

Which of the following ratios is the greatest?

A. 50 : 60



B. 43 : 65

C. 35 : 72

D. 37 : 76

Q14 Mathematics

Which of the following numbers divides 81,42,42,541?

A. 7



B. 15

C. 8

D. 12

Q15 Mathematics

Rahul, Monika, and Yuvraj invest ₹1,310, ₹1,430, and ₹1,040, respectively, to start a business. If the profit at the end of the year is ₹1,890, then what is the share of Yuvraj in the profit?

A. ₹522

B. ₹519

C. ₹523

D. ₹520

**Q16 Mathematics**

The average of first 160 even numbers is

A. 162

B. 161



C. 161.5

D. 160.5

Q17 Mathematics

The current population of a town is 12,500. It increases by 52% and 30% in two successive years but decreases by 15% in the third year. What is the population of the town at the end of the third year?

A. 20,991

B. 20,998

C. 20,995



D. 20,990

Q18 Mathematics

3 years ago, the age of a father was 21 years more than twice his son's age. After how many years, from now, will he be twice his son's age?

A. 15

B. 21

C. 23

D. 18

**Q19 Mathematics**

If the 6-digit number N18M05 is divisible by 11, then which of the options below can give a possible correct relation between M and N?

A. $M - N = 1$

B. $M = N$

C. $M + N = -2$

D. $M - N = 2$



Q20 Mathematics

Sapna invested ₹20,900 on simple interest, partly at 9% per annum and partly at 13% per annum. If she earns equal interests from the two investments after 3 years, then find the sum invested at 9% per annum (in ₹).

A. 12,349

B. 12,348

C. 12,350

D. 12,352

Q21 Mathematics

Which of the following statements is correct?

A. A square is a special case of both a rectangle and a rhombus.

B. A square is a special case of neither a rectangle nor a rhombus.

C. A square is a special case of a rectangle only.

D. A square is a special case of a rhombus only.

Q22 Mathematics

The perimeter of a square is 336 m. Its area (in m^2) is:

A. 7057

B. 7056

C. 7036

D. 7052

Q23 Mathematics

By how much is 65% of 65 greater than $\frac{1}{5}$ of 45?

A. 27.25

B. 30.25

C. 33.25

D. 31.25

Q24 Mathematics

The simple interest on a certain sum for $3\frac{1}{3}$ years at the rate of 4.2% per annum is ₹5,845.

What will be the amount payable on the same sum at the rate of 6.4% per annum simple interest in $12\frac{1}{2}$ years?

A. ₹75,148

B. ₹75,143

C. ₹75,131

D. ₹75,150

Q25 Mathematics

A trader claims to sell vegetables at a profit of 57%, but also dishonestly uses a weight which is 13% less than what is mentioned on it. Find the total percentage of profit earned by the trader. (Round off the answer to the nearest whole number.)

A. 75%

B. 85%

C. 79%

D. 80%



Q26 Mathematics

If $\frac{x}{y} = \cot \theta$, where θ is an acute angle, then $\operatorname{cosec} \theta =$ _____.

A. $\frac{\sqrt{x^2 + y^2}}{y}$



B. $\frac{\sqrt{x^2 + y^2}}{x}$

C. $\frac{\sqrt{y^2 - x^2}}{y}$

D. $\frac{y}{x}$

Q27 Mathematics

What is the area of a triangle with a base of 12 cm and a height of 8 cm?

A. 16 cm^2

B. 96 cm^2

C. 48 cm^2



D. 24 cm^2

Q28 Mathematics

Find the value of x satisfying: $5(2x^2 - 7) - 2(5x^2 + 8x - 2) = 12$

A. $-\frac{53}{16}$

B. $-\frac{43}{16}$



C. $-\frac{39}{16}$

D. $-\frac{49}{16}$



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Q29 Mathematics

Pipe P can fill $\frac{3}{4}$ part of a tank in 27 hours, and pipe Q can fill $\frac{2}{3}$ part of the same tank in 12 hours.

Both P and Q were kept open for 6 hours, then both were closed. Pipe R alone was then opened and it emptied the water in the tank in 8 hours. Pipes P, Q and R together can fill the empty tank in:

A. 45 hours

B. 48 hours



C. 31 hours

D. 37 hours

Q30 Mathematics

Pipe A can fill a tank in 18 hours, pipe B can fill the same tank in 21 hours and pipe C can fill the same tank in 16 hours. The time taken by them to fill the same tank if they operate together is::

A. $6\frac{6}{167}$ hours



B. $7\frac{6}{167}$ hours

C. $13\frac{6}{167}$ hours

D. $11\frac{6}{167}$ hours

General Intelligence & Reasoning

30 Questions • Answer Key

Q31 General Intelligence & Reasoning

In the following triads, each group of letters is related to the subsequent one following a certain logic. Select from the given options, the one which follows the same logic.

COME - OCME - EOCM
NEAT - ENAT - TENA

A. DOST - DSOT - TSOD

B. GONE - OGNE - EONG

C. SANK - ASNK - KASN



D. HEAT - EHAT - EATH

Q32 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series?

3 13 28 48 ? 103

A. 68

B. 70

C. 71

D. 73



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Q33 General Intelligence & Reasoning

Each of the digits in the number 19758436 is arranged in descending order from left to right. The position(s) of how many digits will remain unchanged as compared to that in the original number?

- A. One
- B. Three
- C. Two
- D. None

**Q34 General Intelligence & Reasoning**

Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

- A. LNH
- B. GIC
- C. EGB
- D. IKE

**Q35 General Intelligence & Reasoning**

Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) $> 5 * \backslash + 9 \& \# 6 4 \$ \& / @ \# \$ \& 8 3 <$ (Right)

How many such symbols are there that are immediately preceded by a number and also immediately followed by another symbol?

- A. Three
- B. Four
- C. One
- D. Two

**Q36 General Intelligence & Reasoning**

If + means $\times$, $\times$ means $\div$, $\div$ means $+$, then what will come in place of the question mark (?) in the following equation?

$$18 - 2 + 48 \times 4 \div 21 = ?$$

- A. 40
- B. 35
- C. 45
- D. 30

**Q37 General Intelligence & Reasoning**

Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

- A. EAW
- B. MIE
- C. DZB
- D. OKG

**Q38 General Intelligence & Reasoning**

In a certain code language, 'FOUR' is coded as '5427' and 'RISE' is coded as '6143'. What is the code for 'R' in the given code language?

- A. 4
- B. 3
- C. 7
- D. 6

**Q39 General Intelligence & Reasoning**

Harry starts from Point A and drives 1 km towards the south. He then takes a right turn and drives 7 km, then turns right and drives 8 km. He then takes a right turn and drives 15 km. He takes a final right turn, drives 7 km and stops at Point P. How far (shortest distance) and in which direction should he drive in order to reach Point A again? (All turns are 90-degree turns only unless specified.)

- A. 9 km to the west
- B. 5 km to the west
- C. 10 km to the west
- D. 8 km to the west

**Q40 General Intelligence & Reasoning**

If + means $\times$, $\times$ means $\div$ and $\div$ means $+$, then what will come in place of the question mark (?) in the following equation?

$$51 + 8 - 8 \div 80 \times 4 = ?$$

- A. 26
- B. 7
- C. 20
- D. 14



Q41 General Intelligence & Reasoning

Which of the following letter-clusters will replace the question mark (?) in the given series to make it logically complete?

VRM 9 WTJ 6 XVG 3 YXD 0 ?

A. ZZZ -6

B. ZZA -6

C. ZYZ -3

D. ZZA -3

**Q42 General Intelligence & Reasoning**

Seven people, D, E, F, G, H, I and X, are sitting in a row facing North. Only two people sit to the left of G. Only three people sit between G and H. Only one person sits between H and F. E sits to the immediate left of I. D is not an immediate neighbour of H. How many people sit to the right of X?

A. One



B. Two

C. Four

D. Three

Q43 General Intelligence & Reasoning

Each of the digits in the number 8934612 is arranged in ascending order from left to right. What will be the sum of the digits that are second from the left and second from the right in the new number thus formed?

A. 8

B. 10



C. 6

D. 7

Q44 General Intelligence & Reasoning

Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding to/subtracting from/multiplying with 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(38, 12, 456)

(44, 11, 484)

A. (67, 5, 365)

B. (43, 6, 278)

C. (38, 8, 304)



D. (61, 4, 254)

Q45 General Intelligence & Reasoning

In a certain code language, 'EARS' is coded as '4259' and 'SARI' is coded as '9725'. What is the code for 'I' in the given code language?

A. 9

B. 2

C. 7



D. 5

Q46 General Intelligence & Reasoning

A is the son of S. D is the daughter of F. F is the father of G. G is the sister of A. A is married to Q. W is the son of A. How is S related to D?

A. Father's sister

B. Mother's mother

C. Sister

D. Mother

**Q47 General Intelligence & Reasoning**

Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) 7 \$ % 4 & 1 9 @ 5 & 3 Ω 8 * 2 £ # 6 (Right)

If all the symbols are dropped from the series, which of the following will be sixth from the right?

A. 5

B. 9



C. 1

D. 4

Q48 General Intelligence & Reasoning

SWER is related to GKSF in a certain way based on the English alphabetical order. In the same way, WAIV is related to KOWJ. To which of the given options is MQYL related, following the same logic?

A. AEMU

B. AZEM

C. AEMZ



D. AZME



Q49 General Intelligence & Reasoning

In the following triads, each group of letters is related to the subsequent one following a certain logic. Select from the given options, the one which follows the same logic.

JUNK - UJNK - KUJN
LACK - ALCK - KALC

- A. MOCK - MCOK - KCOM
- B. BUNS - UBNS - SUNB
- C. MOST - OMST - OSTM
- D. FROM - RFOM - MRFO

**Q50 General Intelligence & Reasoning**

Seven boxes V, W, X, Y, Z, Q and R are kept one over the other but not necessarily in the same order. Only two boxes are kept between Q and V. Only Y is kept above W. No box is kept below V. X is kept at some place below Z but at some place above R. Which box is kept third above R?

- A. Q
- B. W
- C. Z
- D. X

**Q51 General Intelligence & Reasoning**

Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group? (Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

- A. LGO
- B. JEM
- C. OJR
- D. GBI

**Q52 General Intelligence & Reasoning**

Seven boxes U, V, W, X, E, F and G are kept one over the other but not necessarily in the same order. Only two boxes are kept between V and X. Only W is kept above F. No box is kept below X. E is kept at some place below G but at some place above U. Which box is kept third above U?

- A. G
- B. X
- C. W
- D. E

**Q53 General Intelligence & Reasoning**

What should come in place of the question mark (?) in the given series?

99, 100, 102, 106, 114, ?

- A. 125
- B. 103
- C. 130
- D. 135

**Q54 General Intelligence & Reasoning**

Seven boxes A, B, C, D, E, F and G are kept one over the other but not necessarily in the same order. Only three boxes are kept below F. Only two boxes are kept between F and A. Only D is kept immediately above B. C is kept at some place below G and at some place above E. How many boxes are kept between B and F?

- A. 3
- B. 2
- C. 4
- D. 1

**Q55 General Intelligence & Reasoning**

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.

Statements: All cars are buses. Some cars are trucks.

Conclusions (I): Some trucks are cars.

Conclusions (II): Some buses are cars.

- A. Neither conclusion (I) nor (II) follows.
- B. Both conclusions (I) and (II) follow.
- C. Only conclusion (I) follows.
- D. Only conclusion (II) follows.

**Q56 General Intelligence & Reasoning**

A, B, C, D, Q, R and S are sitting around a circular table, facing the centre of the table. Q sits to the immediate right of D. Only three people sit between Q and S, when counted from the left of Q. Only three people sit between D and C. A sits to the immediate right of R. How many people sit between D and R, when counted from the right of R?

- A. Two
- B. Four
- C. Three
- D. One



Q57 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series based on the English alphabetical order?

VEC WFD XGE YHF ?

A. ZVG

B. ZIG



C. ZML

D. ZWR

Q58 General Intelligence & Reasoning

Town H is to the east of town R and to the north of town D. Town E is southeast of town H. In which direction is town D with respect to town R?

A. North

B. Southeast



C. Southwest

D. West

Q59 General Intelligence & Reasoning

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.

Statements:

All trams are cows.

No cow is a bun.

Conclusions:

(I): No tram is a bun.

(II): Some buns are cows.

A. Neither conclusion (I) nor (II) follows.

B. Both conclusions (I) and (II) follow.

C. Only conclusion (II) follows.

D. Only conclusion (I) follows.

**Q60 General Intelligence & Reasoning**

What should come in place of the question mark (?) in the given series?

90 90 91 95 104 ?

A. 119

B. 121

C. 122

D. 120

**General Awareness**

40 Questions • Answer Key

Q61 General Awareness

Which of the following countries does NOT share a land border with India?

A. Afghanistan

B. Sri Lanka



C. China

D. Myanmar

Q62 General Awareness

Which of the following was the objective of the law enacted in 1856 in India?

A. Banning of child labour

B. Abolition of caste system

C. Temple entry for Shudras

D. Legalising widow remarriage

**Q63 General Awareness**

What is the purpose of the 'Melt and Pour' rule introduced in the DMI&SP Policy 2025?

A. Steel exports must include documentation of Indian melting processes

B. Importing partially processed steel and finishing it domestically qualifies as "domestic"

C. Biometric authentication is required at smelting plants for traceability

D. Steel used in government-funded projects is completely manufactured in India



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Q64 General Awareness

Which Indian city was announced by the global governing body WPA as the host of the 2025 Para Athletics World Championships?

- A. Bengaluru
- B. Chennai
- C. New Delhi
- D. Mumbai

**Q65 General Awareness**

Impulse is defined as _____.

- A. rate of change of force
- B. change in displacement
- C. product of mass and velocity
- D. product of force and time

**Q66 General Awareness**

What is the primary goal of the Indian government's Bhashini project?

- A. To create a multilingual AI platform for real-time translation among Indian languages
- B. To establish a national database of dialects
- C. To develop a new programming language for Indian developers
- D. To digitise ancient Indian manuscripts

**Q67 General Awareness**

Kathputli is a traditional puppet show of which of the following Indian states?

- A. Assam
- B. Kerala
- C. Rajasthan
- D. Odisha

**Q68 General Awareness**

What was India's Human Development Index (HDI) value in the 2025 UNDP report?

- A. 0.700
- B. 0.690
- C. 0.676
- D. 0.685

**Q69 General Awareness**

Which economic system dominated India on the eve of independence (in 1947)?

- A. Socialist planned economy
- B. Global free market
- C. Import substitution industrialisation
- D. Colonial agrarian economy

**Q70 General Awareness**

Which of the following Indian organisations successfully conducted the combat firing of the Multi-Influence Ground Mine (MIGM) in May 2025?

- A. Bharat Dynamics Limited and Indian Coast Guard
- B. Defence Research and Development Organisation and Indian Navy
- C. Hindustan Aeronautics Limited and Indian Air Force
- D. Indian Space Research Organisation and Indian Army

**Q71 General Awareness**

Which sector(s) employed the largest share of the working population in India on the eve of independence?

- A. Primary sector
- B. Both tertiary and secondary sectors
- C. Tertiary sector
- D. Secondary sector

**Q72 General Awareness**

Which Indian space tech startup along with Google launched India's first private satellite constellation?

- A. Livspace
- B. Udaan
- C. Pixxel
- D. Ship Rocket

**Q73 General Awareness**

The Gulf of Mannar lies between:

- A. India and Maldives
- B. Sri Lanka and Maldives
- C. mainland India and Andaman Islands
- D. India and Sri Lanka



Q74 General Awareness

Which of the following instruments is primarily used by the RBI for monetary policy implementation in the post 1991 reform era?

A. Repo rate



B. Tariff rates

C. Export incentives

D. Direct taxes

Q75 General Awareness

Which film won the Best Picture award at the 25th IIFA Awards in 2025?

A. Stree 2

B. Article 370

C. Bhool Bhulaiyaa 3

D. Laapataa Ladies

**Q76 General Awareness**

Which Indian relay team set a national record in the 4×100m event at the National Relay Carnival 2025?

A. Srabani Nanda, Dutee Chand, Hima Das, Archana Suseendran

B. Gurindervir Singh, Animesh Kujur, Manikanta H, Amiya Mallick

C. Gurindervir Singh, Animesh Kujur, Manikanta H, Amlan Borgohain



D. Amiya Mallick, Mohammed Anas, Noah Nirmal Tom, Rajesh Ramesh

Q77 General Awareness

Which state government introduced the Drone Promotion and Utilisation Policy, 2025?

A. Punjab

B. Madhya Pradesh



C. Jharkhand

D. Odisha

Q78 General Awareness

Which Act first created the position of a Governor-General of India with civil and military authority?

A. Government of India Act 1858

B. Pitt's India Act

C. Charter Act 1833



D. Regulating Act

Q79 General Awareness

Which of the following is a discretionary power of the President of India?

A. Appointing a Prime Minister when no party has a clear majority



B. Appointing the Chief Justice of India

C. Dissolving the Lok Sabha without advice

D. Giving assent to a Money Bill

Q80 General Awareness

The First Battle of Panipat was fought in 1526, replacing the Lodi Dynasty with Mughal rule in India. It was fought between Ibrahim Lodi and ____.

A. Aurangzeb

B. Akbar

C. Shah Jahan

D. Babar

**Q81 General Awareness**

In which northeastern state was the Hornbill Festival held with record participation in December 2024?

A. Assam

B. Meghalaya

C. Nagaland



D. Manipur

Q82 General Awareness

Which of the following is a small hand-held pointing device that controls the two-dimensional movement of the cursor on a screen?

A. Scanner

B. Touchscreen

C. Keyboard

D. Mouse

**Q83 General Awareness**

Which version of the skill development scheme, launched by the government and implemented from FY 2022 to 2026, aims to provide free training to rural youth in India?

A. Pradhan Mantri Kaushal Vikas Yojana 2.0



B. Skill India 3.0

C. Deen Dayal Upadhyaya Grameen Kaushalya Yojana 2.0

D. Pradhan Mantri Kaushal Vikas Yojana 4.0



Q84 General Awareness

Which important Sikh festival is on 5 November 2025?

- A. Lohri
- B. Guru Nanak Jayanti ✓
- C. Baisakhi
- D. Holi

Q85 General Awareness

Which desktop element in Windows displays system notifications, date and time, and background apps status?

- A. File Explorer
- B. Start Menu
- C. Notification Area ✓
- D. Control Panel

Q86 General Awareness

Which level of government generally legislates on matters such as police, public health and agriculture in India?

- A. State Legislatures ✓
- B. Inter-State Council
- C. Union Government
- D. Local Bodies

Q87 General Awareness

The government initiative known as KIRTI, an acronym for Khelo India Rising Talent Identification, was inaugurated in ____.

- A. 2024 ✓
- B. 2023
- C. 2022
- D. 2025

Q88 General Awareness

Article 6 of the Constitution pertains to the citizenship of persons who migrated to India from which of the following territories?

- A. Bangladesh
- B. Sri Lanka
- C. Pakistan ✓
- D. Myanmar

Q89 General Awareness

As per the Ministry of Agriculture data from 1950–51 to 2014–15, which land use category in India has shown a declining trend?

- A. Forest area
- B. Barren and wasteland ✓
- C. Area under non-agricultural use
- D. Net sown area

Q90 General Awareness

In which year did Andre-Marie Ampère publish his magnum opus 'Mathematical Theory of Electrodynamical Phenomena Deduced Solely from Experiments'?

- A. 1811
- B. 1833
- C. 1818
- D. 1827 ✓

Q91 General Awareness

Which of the following administrative features was common to both Pallava and Pandya kingdoms?

- A. Rule by elected monarchs
- B. Village assemblies were called Sabha and Ur ✓
- C. Abolition of land revenue taxes
- D. Division of the kingdom into Mandalams and Nadus

Q92 General Awareness

Which of the following Articles deals with the citizenship of people of Indian origin residing outside India?

- A. Article 9
- B. Article 8 ✓
- C. Article 7
- D. Article 11

Q93 General Awareness

What was the theme of the IAS-DARPG India Conference held in New Delhi in February 2025?

- A. Innovations in Public Policy
- B. Next Generation Administrative Reforms – Empowering Citizens and Reaching the Last Mile ✓
- C. Strengthening Federal Structures
- D. Digital Transformation in Governance – Empowering Citizens and Reaching the Last Mile



Q94 General Awareness

Which leader played the most crucial role in integrating princely states into India post-independence?

- A. Jawaharlal Nehru
- B. BR Ambedkar
- C. Sardar Vallabhbhai Patel ✓
- D. Subhas Chandra Bose

Q95 General Awareness

The Indian handicraft industry suffered significant decline under colonial economic policies. What was a major reason for the decline of Indian handicrafts during British rule?

- A. Environmental degradation
- B. Rise of Indian industry
- C. Influx of machine-made British goods ✓
- D. Lack of domestic demand

Q96 General Awareness

Harold C Urey was awarded the Nobel Prize in Chemistry, in 1934:

- A. for the discovery and development of conductive polymers
- B. for the development of the density-functional theory
- C. for discovery in the chemistry of the transuranium elements
- D. for the discovery of heavy hydrogen ✓

Q97 General Awareness

Which of the following is a feature of the Eastern Coastal Plain of India?

- A. Narrow and rocky
- B. Presence of numerous estuaries
- C. Wider and formed by alluvial deposits ✓
- D. Located between the Western Ghats and the Arabian Sea

Q98 General Awareness

By what year is the India-UK FTA expected to be fully implemented?

- A. 2030
- B. 2026 ✓
- C. 2025
- D. 2027

Q99 General Awareness

How many total Sustainable Development Goals (SDGs) were adopted at the United Nations Sustainable Development Summit in New York in September 2015?

- A. 15
- B. 16
- C. 17 ✓
- D. 18

Q100 General Awareness

Article 323B of the Constitution of India (added by the 42nd Amendment) empowers the Parliament to establish tribunals for adjudication of matters related to certain subjects. Which of the following matters is specifically covered under Article 323B?

- A. Recruitment and service conditions of public servants (civil services)
- B. Only industrial disputes between employers and workers
- C. Matters such as taxation, foreign exchange, land reforms, etc., which can be assigned to tribunals by legislation ✓
- D. Appointment of Supreme Court judges



Mathematics

30 Questions • Answer Key

Q1 Mathematics

The average of first 169 even numbers is

- A. 169.5
- B. 170.5
- C. 170
- D. 171



Q2 Mathematics

If the 6-digit number N75M52 is divisible by 11, then which of the options below can give a possible correct relation between M and N?

- A. $M + N = -1$
- B. $M - N = 5$
- C. $M = N$
- D. $M - N = 1$



Q3 Mathematics

Simplify: $(\cos^4 A - \sin^4 A + 1) \operatorname{cosec}^2 A$

- A. $\tan 2A$
- B. $2 \cot 2A$
- C. $\cot 2A$
- D. $2 \tan 2A$



Q4 Mathematics

Rekha, Sanjay, and Poonam invest ₹1,320, ₹1,170, and ₹1,660, respectively, to start a business. If the profit at the end of the year is ₹1,010, then what is the share of Poonam in the profit?

- A. ₹407
- B. ₹404
- C. ₹405
- D. ₹402



Q5 Mathematics

Evaluate: $-12 - \{-8 \times (6 - 12) + 30 \div (-6)\}$

- A. -55
- B. -58
- C. -57
- D. -52



Q6 Mathematics

Five times the present age of P exceeds the present age of Q by 29 years. After 8 years, five times Q's age will be 17 years less than seven times P's age at that time. What is the present age (in years) of Q?

- A. 6
- B. 11
- C. 3
- D. 5



Q7 Mathematics

Which of the following numbers divides 6,30,605?

- A. 5
- B. 14
- C. 7
- D. 3



Q8 Mathematics

The average weight (in kg) of a family of five members whose weights are 40 kg, 49 kg, 56 kg, 74 kg and 35 kg is:

- A. 52.8
- B. 49.8
- C. 51.8
- D. 50.8



Q9 Mathematics

Daksh travels 200 km at 50 km/hr, the next 252 km at 42 km/hr and the next 204 km at 51 km/hr. What is his average speed (in km/hr) for the whole journey? (Round off your answer to two decimal places)

- A. 38.25
- B. 53.31
- C. 53.45
- D. 46.86



Q10 Mathematics

The marked price of an article is ₹800. It is sold at two successive discounts of 24% and 15%, respectively. Find the selling price of the article.

A. ₹595.48

B. ₹625.78

C. ₹516.80



D. ₹686.42

Q11 Mathematics

A sum of money triples itself at a certain rate of compound interest in 11 years. In how many years will it amount to 27 times of itself?

A. 37 years

B. 33 years



C. 26 years

D. 31 years

Q12 Mathematics

The perimeter of a square is 76 m. Its area (in m^2) is:

A. 360

B. 361



C. 336

D. 372

Q13 Mathematics

The population of a district is 328000, out of which 164000 are males. 24% of the population is literate. If 34% males are literate, then what percentage of females are literate?

A. 11%

B. 17%

C. 14%



D. 13%

Q14 Mathematics

What is the perimeter of an equilateral triangle with side 13 cm?

A. 26 cm

B. 40 cm

C. 52 cm

D. 39 cm

**Q15 Mathematics**

Find the value of $47^{-8} \div 47^3 \times 47^{-19}$.

A. 47^{-30}



B. 47^{-27}

C. 47^{-37}

D. 47^{-24}

Q16 Mathematics

The number 253118139 is divisible by which of the following?

A. 8

B. 12

C. 5

D. 3

**Q17 Mathematics**

A number, when decreased by 6%, gives 3760. The number is:

A. 8000

B. 2000

C. 4000



D. 12000

Q18 Mathematics

The product of two consecutive natural numbers is 552. The greater of the two numbers is:

A. 18

B. 24



C. 27

D. 15

Q19 Mathematics

A bus travelling at 66 km/hr completes a journey in 15 hours. What should be its speed to cover the same distance in 5 hours?

A. 203 km/hr

B. 198 km/hr



C. 193 km/hr

D. 202 km/hr



Q20 Mathematics

Veer bought some sharpeners at the rate of ₹180/dozen. He sold them for ₹23 each. His profit percentage is _____% (rounded off to two decimal places).

A. 55.33

B. 57.33

C. 53.33



D. 51.33

Q21 Mathematics

A shopkeeper lists the price of a fan at 60% above its cost price and offers a 15% discount on its list price. If he earns a profit of ₹117, then what is the list price (in ₹) of the fan?

A. 283

B. 470

C. 520



D. 398

Q22 Mathematics

M and N start a business. M invests ₹68,000 more than N for 4 months and N invests for 7 months. M's share is ₹856 more than that of N, out of a total profit of ₹6,848. Find the capital contributed by M.

A. ₹1,22,400



B. ₹1,23,400

C. ₹1,23,000

D. ₹1,22,000

Q23 Mathematics

The LCM of $3^3 \times 8^2 \times 13$, $3^2 \times 13^2 \times 16$ and $8^3 \times 13^2 \times 16^2$ is:

A. $33 \times 82 \times 132 \times 16$

B. $33 \times 83 \times 132 \times 162$



C. $32 \times 82 \times 132 \times 163$

D. $32 \times 83 \times 13 \times 162$

Q24 Mathematics

If the third proportional of 9 and 60 be x, then what is the value of x?

A. 398

B. 400



C. 401

D. 402

Q25 Mathematics

Simplify $x(9x - 8) + 7(x^2 - 3) + 18$.

A. $16 \times 2 - 8x + 3$

B. $-16 \times 2 - 8x + 3$

C. $-16 \times 2 - 8x - 3$

D. $16 \times 2 - 8x - 3$

**Q26 Mathematics**

Find the simple interest (in ₹) if a sum of ₹400 is borrowed for 5.5 years at 12% per annum rate of interest.

A. 314

B. 244

C. 364

D. 264

**Q27 Mathematics**

A shopkeeper offers the following three schemes. Which scheme has the maximum discount percent?

I. Two successive discounts of 15% and 20%.

II. Buy 4 get 2 free.

III. Buy 6 get 4 free

A. I only

B. Both I and II

C. III only



D. II only



Q28 Mathematics

Pipe A can fill a tank in 18 hours, pipe B can fill the same tank in 30 hours and pipe C can fill the same tank in 18 hours. The time taken by them to fill the same tank if they operate together is::

A. $2\frac{12}{13}$ hours

B. $13\frac{12}{13}$ hours

C. $6\frac{12}{13}$ hours



D. $11\frac{12}{13}$ hours

Q29 Mathematics

ABCD is a trapezium in which $BC \parallel AD$ and $AC = CD$. If $\angle ABC = 24^\circ$ and $\angle BAC = 112^\circ$, then what is the measure of $\angle ACD$ (in degree)?

A. 90°

B. 92°



C. 77°

D. 99°

Q30 Mathematics

Pipe P can fill $\frac{2}{3}$ part of a tank in 16 hours, and pipe Q can fill $\frac{5}{6}$ part of the same tank in 20 hours.

Both P and Q were kept open for 2 hours, then both were closed. Pipe R alone was then opened and it emptied the water in the tank in 8 hours. Pipes P, Q and R together can fill the empty tank in:

A. 16 hours



B. 8 hours

C. 26 hours

D. 29 hours

General Intelligence & Reasoning

30 Questions • Answer Key

Q31 General Intelligence & Reasoning

Varun ranked 34th from the top and 11th from the bottom in his class. How many students are there in his class?

A. 42

B. 44



C. 45

D. 43



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Q32 General Intelligence & Reasoning

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

All globes are ball.
All globes are map.

Conclusions:

(I): Some balls are map.

(II): All map are globe.

A. Neither conclusion (I) nor (II) follows.

B. Only conclusion (I) follows.

C. Only conclusion (II) follows.

D. Both conclusions (I) and (II) follow.

Q33 General Intelligence & Reasoning

Piyush ranked 35th from the top and 18th from the bottom in his class. How many students are there in his class?

A. 53

B. 52

C. 54

D. 51

Q34 General Intelligence & Reasoning

Refer to the following number and symbol series and answer the question that follows. All numbers are single-digit numbers. Counting to be done from left to right only.

(Left) 5 # % 2 ^ @ 3 & 1 \$ 7 Ω 5 % # 6 * 1 9 (Right)

How many symbols in the series are immediately preceded by a symbol and immediately followed by a number?

A. Two

B. Three

C. None

D. One

Q35 General Intelligence & Reasoning

Town Q is to the east of Town P. Town R is to the south of Town Q. Town S is to the east of Town R. Town T is to the south of Town S. Town U is to the east of Town T. What is the position of Town U with respect to Town Q?

A. North

B. North-west

C. South-east

D. North-east

Q36 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. FV - KO

B. IL - NF

C. MG - RA

D. YE - DY

Q37 General Intelligence & Reasoning

SACU is related to ZHJB in a certain way based on the English alphabetical order. In the same way, UCEW is related to BJLD. To which of the following is PXZR related, following the same logic?

A. WEGY

B. GWER

C. GERT

D. GTRE

Q38 General Intelligence & Reasoning

In the following triad, each group of letters is related to the subsequent one following a certain logic. Select from the given options, the one which follows the same logic.

SONG - OSNG - GNOS
DAWN - ADWN - NWAD

A. OPEN - POEN - NPEO

B. ROLE - ORLE - OLER

C. EXIL - EIXL - LIXE

D. PLOG - LPOG - GOLP



Q39 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster pair.)

A. JL - MK



B. OS - TX

C. EI - JN

D. QU - VZ

Q40 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series based on the English alphabetical order?

YQT VNQ SKN PHK ?

A. MFH

B. MFG

C. MEG

D. MEH

**Q41 General Intelligence & Reasoning**

Seven people, I, J, K, L, M, N and O, are sitting in a row, facing north. Only three people sit between M and J. O sits to the immediate left of J. No one sits to the right of I. Only two people sit between I and O. N sits to the immediate right of L. How many people sit between K and N?

A. Two



B. Four

C. Three

D. One

Q42 General Intelligence & Reasoning

Select the pair that follows the same pattern as that followed by the two pairs given below. Both pairs follow the same pattern.

HJS : JNV

ACJ : CGM

A. OPC : QSG

B. ORC : QVF



C. LHS : NLW

D. WSK : YWM

Q43 General Intelligence & Reasoning

What will come in the place of the question mark (?) in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged?

$$17 \div 5 - 25 + 42 \times 7 = ?$$

A. 103

B. 105

C. 106

D. 104

**Q44 General Intelligence & Reasoning**

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

All sparrows are owls.

No sparrow is a parrot.

Conclusions:

(I): No owl is a parrot.

(II): No parrot is a sparrow.

A. Only conclusion (I) follows.

B. Only conclusion (II) follows.



C. Both conclusions (I) and (II) follow.

D. Neither conclusion (I) nor (II) follows.

Q45 General Intelligence & Reasoning

Each of the digits in the number 8731245 is arranged in ascending order from left to right. The position(s) of how many digits will remain unchanged as compared to that in the original number?

A. Three

B. Two

C. None

D. One



Q46 General Intelligence & Reasoning

Manoj starts from point E and drives 4 km towards west. He then takes a left turn and drives 5 km. He takes a right turn and drives 2 km. He then takes a left turn and drives 2 km. He takes another left turn and drives 3 km. He again takes a left turn and drives 2 km. He takes a final right turn and drives 3 km to reach a point D. How far (shortest distance) and towards which direction should he drive in order to reach point E again? (All turns are 90-degree turns only unless otherwise specified.)

- A. 4 km east
- B. 5 km north
- C. 3 km east
- D. 3 km north

**Q47 General Intelligence & Reasoning**

What should come in place of the question mark (?) in the given series based on the English alphabetical order?

QNK WTQ CZW IFC ?

- A. OLI
- B. LOI
- C. LIO
- D. OIL

**Q48 General Intelligence & Reasoning**

A, B, C, D, E, F, and G are sitting around a circular table facing the centre.

Only two people sit between A and G when counted from the right of A. Only two people sit between G and C. Only three people sit between A and F. E sits to the immediate left of D.

How many people sit between C and E when counted from the right of C?

- A. Four
- B. Two
- C. Three
- D. One

**Q49 General Intelligence & Reasoning**

What should come in place of the question mark (?) in the given series?

801 800 792 765 701 ?

- A. 556
- B. 676
- C. 656
- D. 576

**Q50 General Intelligence & Reasoning**

Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding to/subtracting from/multiplying with 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(112, 104, 96)
(136, 128, 120)

- A. (154, 146, 138)
- B. (129, 121, 116)
- C. (140, 134, 130)
- D. (91, 83, 77)

**Q51 General Intelligence & Reasoning**

Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) < 7 5 9 @ ? 2 @ + \$ 4 ? ? & 2 \$ 5 ? 1 % * (Right)

How many such symbols are there, each of which is immediately preceded by a number and also immediately followed by a number?

- A. Four
- B. Two
- C. Three
- D. One

**Q52 General Intelligence & Reasoning**

What should come in place of the question mark (?) in the given series?

101 110 121 134 149 ?

- A. 156
- B. 159
- C. 166
- D. 163



Q53 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. JN-IK



B. QU-PS

C. GK-FI

D. DH-CF

Q54 General Intelligence & Reasoning

Mr. Into ranked 96th from the top and 31st from the bottom in his class. How many students are there in his class?

A. 126



B. 128

C. 123

D. 125

Q55 General Intelligence & Reasoning

Each of the digits in the number 81674293 is arranged in ascending order from left to right. Which of the following digits will be fourth from the left?

A. 7

B. 6

C. 4



D. 3

Q56 General Intelligence & Reasoning

In a certain code language, 'FATE' is coded as '3257' and 'AIDS' is coded as '6142'. What is the code for 'A' in the given code language?

A. 5

B. 2



C. 6

D. 4

Q57 General Intelligence & Reasoning

If '+' means 'subtraction', '-' means 'multiplication', 'x' means 'division' and '÷' means 'addition', then what will come in place of the question mark (?) in the following equation?

$$9 - 5 + 82 \times 2 \div 17 = ?$$

A. 31

B. 24

C. 21



D. 27

Q58 General Intelligence & Reasoning

In a certain code language, 'am with you' is coded as 'mp rk tp' and 'go with him' is coded as 'rk lo wt'. How is 'with' coded in the given language?

A. mp

B. tp

C. rk



D. lo

Q59 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series?

40 , 48 , 58 , 66 , 76 , ?

A. 85

B. 86

C. 89

D. 84

**Q60 General Intelligence & Reasoning**

A is the father of H. H is the father of G. G is the son of E. F is the father of E. How is A related to F?

A. Daughter's husband's father



B. Daughter's husband's brother

C. Daughter's husband

D. Husband's father



Q61 General Awareness

Tariff reforms were central to the liberalisation of trade. What happened to import tariffs after 1991?

- ☒ A. It gradually reduced
- ☐ B. It increased
- ☐ C. It remained unchanged
- ☐ D. It was replaced with import bans

Q62 General Awareness

Which country won both the Men's and Women's titles at the Kabaddi World Cup 2025, held at Wolverhampton in England?

- ☐ A. Iran
- ☒ B. India
- ☐ C. Pakistan
- ☐ D. Bangladesh

Q63 General Awareness

As per the 'India State of Forest Report 2023 (ISFR 2023)', which Indian state has the largest forest cover (area-wise) in the country?

- ☐ A. Chhattisgarh
- ☒ B. Madhya Pradesh
- ☐ C. Uttar Pradesh
- ☐ D. Arunachal Pradesh

Q64 General Awareness

The vast network of railways that helped people meet their family and relatives was pioneered during the latter half of which of the following centuries in India?

- ☐ A. 17th
- ☐ B. 20th
- ☒ C. 19th
- ☐ D. 18th

Q65 General Awareness

The Queen's Stepwell in Gujarat, known officially as Rani-ki-Vav, is situated along the course of which river?

- ☐ A. Tapi
- ☐ B. Sabarmati
- ☐ C. Narmada
- ☒ D. Saraswati

Q66 General Awareness

Which of the following options best describes the state of Indian industries under British rule?

- ☐ A. Rapid growth of modern manufacturing
- ☐ B. Widespread industrialisation across rural India
- ☐ C. Promotion of indigenous entrepreneurship
- ☒ D. Systematic decline of traditional industries

Q67 General Awareness

Netaji Subhash Chandra Bose Dweep is a part of which island?

- ☐ A. Rameswaram Island
- ☐ B. Lakshadweep Islands
- ☐ C. Majuli Island
- ☒ D. Andaman Islands

Q68 General Awareness

Which two countries signed a historic peace treaty on 13 March 2025, ending nearly four decades of conflict over the Nagorno-Karabakh region?

- ☐ A. Georgia and Russia
- ☐ B. Armenia and Turkey
- ☐ C. Azerbaijan and Georgia
- ☒ D. Armenia and Azerbaijan

Q69 General Awareness

Which of the following best defines the strategy of Passive Resistance as advocated by Extremists?

- ☐ A. Armed confrontation with colonial forces
- ☐ B. Assassination of British officers
- ☐ C. Military training of Indian youth abroad
- ☒ D. Boycott, Swadeshi and non-cooperation with rulers

Q70 General Awareness

Crafted using the lost-wax technique in Mohenjo-daro, a significant city of the Indus Valley Civilisation, the prehistoric Dancing Girl figurine is primarily made of which of the following materials?

- ☐ A. Stone
- ☐ B. Terracotta
- ☐ C. Copper
- ☒ D. Bronze



Q71 General Awareness

Which of the following is the main objective of the Right to Information Act?

- A. To ensure secrecy in public administration
- B. To promote transparency and accountability ✓
- C. To provide private data to media houses
- D. To prevent public access to government records

Q72 General Awareness

Which of the following is a Buddhist text containing stories related to the previous births of the Buddha?

- A. Manusmriti
- B. Panchatantra
- C. Jatakas ✓
- D. Arthashastra

Q73 General Awareness

If the temperature of air increases, what happens to the speed of sound and the minimum distance to hear an echo?

- A. Speed decreases, minimum distance increases
- B. Speed increases, minimum distance decreases
- C. Speed increases, minimum distance increases ✓
- D. Speed decreases, minimum distance decreases

Q74 General Awareness

The typical landform seen in the Thar Desert is:

- A. alluvial plains
- B. river deltas
- C. sand dunes ✓
- D. glacial moraines

Q75 General Awareness

What was the name of stadium where India beat Bangladesh in South Asian Football Federation (SAFF) Under-19 Championship 2025?

- A. Yupia Outdoor Stadium, Arunachal Pradesh ✓
- B. Salt Lake Stadium, Kolkata
- C. Jawaharlal Nehru Stadium, Delhi
- D. JRD Tata Sports Complex, Jamshedpur

Q76 General Awareness

Which of the following initiatives was launched by the National Commission for Women (NCW) on 22 May 2025 to promote AI literacy and digital safety among women, especially in rural and semi-urban areas?

- A. Tech Sakhi: Empowering Women
- B. Digital Shakti: Women in Tech
- C. Yashoda AI: Your AI SAKHI ✓
- D. Cyber Sakhi: AI Awareness Program

Q77 General Awareness

The primary sector saw uneven regional development during 1947-91. Which region benefitted the most from the Green Revolution?

- A. Eastern India
- B. Western India
- C. Northern India ✓
- D. Southern India

Q78 General Awareness

According to a Times of India report from April 2025, there have been plans to locally manufacture which tetravalent dengue vaccine under the 'Make-in-India' initiative?

- A. Dengvaxia
- B. CYD-TDCV
- C. QDenga (TAK-003) ✓
- D. TV003 / TV005

Q79 General Awareness

The first cross-country pipeline in Asia connected the Naharkatiya oilfield in Assam to which refinery?

- A. Haldia Refinery
- B. Mathura Refinery
- C. Barauni Refinery ✓
- D. Panipat Refinery

Q80 General Awareness

Which country hosted the 6th BIMSTEC Summit in March 2025?

- A. India
- B. Sri Lanka
- C. Thailand ✓
- D. Bangladesh



Q81 General Awareness

Which of the following natural regions is known for evergreen dense forests and high biodiversity?

- A. Mediterranean region
- B. Steppe region
- C. Tundra region
- D. Equatorial region

**Q82 General Awareness**

On 15 May 2025, the Supreme Court of India issued an immediate direction to the Centre to set up dedicated courts to deal with which cases?

- A. Child sexual abuse
- B. Serious offenses like murder
- C. Constitutional interpretations
- D. Dowry harassment

**Q83 General Awareness**

After its 1971 electoral victory, Indira Gandhi's government amended the Constitution to remove legal obstacles to abolishing which of the following privileges?

- A. Monopoly trade licenses
- B. Privy purses of former princely rulers
- C. Zamindari system
- D. Separate electorates for minorities

**Q84 General Awareness**

What was the mascot name of Khelo India Youth Games 2025 held in Bihar in May 2025?

- A. Nini
- B. Gajsimha
- C. Dou Dou
- D. Appu

**Q85 General Awareness**

The 25th Amendment curtailed the right to property by amending which Article of Indian Constitution?

- A. Article 12
- B. Article 33
- C. Article 13
- D. Article 31

**Q86 General Awareness**

What happens when you create a folder with the same name in the same location?

- A. It gives an error.
- B. It opens the original folder.
- C. The system automatically renames it.
- D. It replaces the old folder.

**Q87 General Awareness**

Which of the following statements about the Gram Sabha is correct?

- A. It has authority to override the decisions of the Panchayat.
- B. It meets only once every five years.
- C. It consists only of elected members of the Gram Panchayat.
- D. It comprises all adult voters in the Panchayat area; its role is defined by state law.

**Q88 General Awareness**

What is the dimensional formula for mechanical energy that refers to the total energy of an object due to its position and motion?

- A. $[M^1L^2]$
- B. $[ML^2T^{-3}]$
- C. $[M2L^2T^{-1}]$
- D. $[M^1L^2T^{-2}]$

**Q89 General Awareness**

The Harappans were first in Eurasia to grow ____.

- A. Mustard Seeds
- B. Potato
- C. Cotton
- D. Indigo

**Q90 General Awareness**

Which of the following is a water pollutant?

- A. Lead
- B. Nitrogen gas
- C. Oxygen
- D. Carbon dioxide



Q91 General Awareness

Which of the following types of cases is NOT generally taken up by Lok Adalats in India?

- A. Divorce settlements
- B. Motor accident claims
- C. Utility bill disputes
- D. Murder trials

**Q92 General Awareness**

What is baking soda chemically known as?

- A. Sodium carbonate
- B. Sodium bicarbonate
- C. Calcium carbonate
- D. Magnesium hydroxide

**Q93 General Awareness**

What is the significance of DRDO's successful test of the Long-Range Anti-Ship Missile (LRAShM) in 2025?

- A. It enhances India's strategic deterrence capabilities
- B. It replaced the need for aircraft carriers
- C. It marked India's first hypersonic missile test
- D. It was the first missile to use solar propulsion

**Q94 General Awareness**

Which is the first Indian state/UT to launch the nPROUD (New Programme for Removal of Unused Drugs) project?

- A. Telangana
- B. Maharashtra
- C. Delhi
- D. Kerala

**Q95 General Awareness**

Harsabardhan Sahu who built a new record in the field of 49 kg (Clean and Jerk) Weightlifting category, at Khelo India Youth Games 2025 is from which state?

- A. Assam
- B. Odisha
- C. Bihar
- D. Mizoram

**Q96 General Awareness**

Which of the following types of memory is volatile, meaning its contents are lost when the computer is turned off?

- A. Pen Drive
- B. RAM
- C. ROM
- D. Hard Disk

**Q97 General Awareness**

As per Deloitte, how much will AI in healthcare boost India's GDP by 2025?

- A. USD 45–50 billion
- B. USD 25–30 billion
- C. USD 12–18 billion
- D. USD 35–40 billion

**Q98 General Awareness**

Who was called the 'Grand Old Man of India' and the first Indian to demand Swaraj?

- A. Surendranath Banerjee
- B. Dadabhai Naoroji
- C. Gopal Krishna Gokhale
- D. Bal Gangadhar Tilak

**Q99 General Awareness**

A mixed economy involves both private and public ownership. What was a distinctive feature of India's mixed economy model?

- A. Focus on consumerism
- B. Full privatisation
- C. Absence of licensing
- D. Public sector dominance in core industries

**Q100 General Awareness**

In the 2024 Global Innovation Index, which country was ranked as the most innovative?

- A. Switzerland
- B. Singapore
- C. United States
- D. Sweden



Mathematics

30 Questions • Answer Key

Q1 Mathematics

What is the equivalent single discount for successive discounts of 20% and 10%?

- A. 30%
- B. 25%
- C. 27%
- D. 28%



Q2 Mathematics

The population of a district is 362000, out of which 181000 are males. 47% of the population is literate. If 35% males are literate, then what percentage of females are literate?

- A. 58%
- B. 59%
- C. 62%
- D. 61%



Q3 Mathematics

A man driving a car at a speed of 54 km/hr crosses a bridge in 1.7 minutes. Find the length of the bridge.

- A. 2.13 km
- B. 0.92 km
- C. 2.58 km
- D. 1.53 km



Q4 Mathematics

Two cubes of edge 5 cm are joined to form a cuboid. Find the total surface area of the cuboid.

- A. 125 cm²
- B. 100 cm²
- C. 250 cm²
- D. 25 cm²



Q5 Mathematics

The LCM of the numbers 6.3 and 0.07 is:

- A. 63
- B. 0.63
- C. 0.063
- D. 6.3



Q6 Mathematics

If 2 times the mother's age is 26 years more than 4 times her daughter's age, and 3 times the daughter's age is 7 years less than the mother's age, then what is the difference (in years) between the ages of the mother and the daughter?

- A. 24
- B. 19
- C. 21
- D. 23



Q7 Mathematics

What smallest number should be added to 16809 so that the sum is completely divisible by 41?

- A. 2
- B. 3
- C. 4
- D. 1



Q8 Mathematics

Find the mean proportional between 19 and 76.

- A. 38
- B. 37
- C. 39
- D. 36



Q9 Mathematics

The sides of a triangle are 28 cm, 45 cm, and 53 cm. What is its area? (in cm²)

- A. 664
- B. 658
- C. 630
- D. 665



Q10 Mathematics

Evaluate 145^2 .

- A. 21075
- B. 20975
- C. 21005
- D. 21025



Q11 Mathematics

M and N start a business. M invests ₹79,000 more than N for 7 months and N invests for 6 months. M's share is ₹745 more than that of N, out of a total profit of ₹6,705. Find the capital contributed by M.

A. ₹12,00,000

B. ₹12,05,000

C. ₹11,80,000

D. ₹11,85,000

**Q12 Mathematics**

Find the value of $[682 \div \{20 + 2 \times (5 - 4)\}]$.

A. 31



B. 34

C. 28

D. 26

Q13 Mathematics

The cost of 6 pens and 19 pencils is ₹275. If the cost of a pen decreases by ₹7 and the cost of a pencil increases by ₹7, then the cost of 15 pens and 4 pencils is ₹132. What is the original cost of 6 pens and 2 pencils?

A. ₹89

B. ₹92

C. ₹88



D. ₹90

Q14 Mathematics

Rishi travels 198 km at 66 km/hr, the next 584 km at 73 km/hr and the next 656 km at 82 km/hr. What is his average speed (in km/hr) for the whole journey? (Round off your answer to two decimal places)

A. 79.25

B. 75.68



C. 82.07

D. 82.71

Q15 Mathematics

Find the simple interest (in ₹) if a sum of ₹400 is borrowed for 5.5 years at 4% per annum rate of interest.

A. 88



B. 68

C. 188

D. 138

Q16 Mathematics

The average price of three items of furniture is ₹5,325. If their prices are in the ratio 3 : 5 : 7, the price of the cheapest item (in ₹) is:

A. 1,065

B. 3,195



C. 5,325

D. 7,455

Q17 Mathematics

Which of the following numbers divides 386937355?

A. 5



B. 14

C. 3

D. 15

Q18 Mathematics

A book seller gives a 4% discount on the marked price and gives one book free during vacation for buying every pack of 15 books of the same cost, and thus gains 35%. By what percentage is the marked price higher than the cost price?

A. 25%

B. 35%

C. 40%

D. 50%

**Q19 Mathematics**

The average runs scored by a batsman in 23 matches is 40. In the next 10 matches, the batsman scored an average of 16 runs. Find his average runs scored (rounded off to two decimals) in all the 33 matches.

A. 32.73



B. 31.73

C. 34.73

D. 33.73

Q20 Mathematics

A company earns a profit (in ₹) that is distributed among the company's three partners in the ratio of 5 : 8 : 17. If the difference between the smallest and the largest shares is ₹78,106, the total profit (in ₹) of the company is:

A. 1,95,361

B. 1,95,302

C. 1,95,278

D. 1,95,265



Q21 Mathematics

The HCF and LCM of two numbers are 11 and 330, respectively. If one of the numbers is 110, find the other one.

A. 33



B. 72

C. 90

D. 75

Q22 Mathematics

83 mirrors were purchased for ₹83, and 22 mirrors broke in transit. The trader sold the remaining mirrors at ₹3.60 each. Find his profit.

A. ₹144.50

B. ₹127.70

C. ₹136.60



D. ₹132.40

Q23 Mathematics

A can lay railway track between two given stations in 17 days and B can do the same job in 16 days. With the help of C, they did the job in 4 days only. Then, C alone can do the job in

A. $10\frac{27}{35}$ days

B. $13\frac{27}{35}$ days

C. $11\frac{27}{35}$ days

D. $7\frac{27}{35}$ days

**Q24 Mathematics**

Pipe P can fill $\frac{2}{3}$ part of a tank in 24 hours, and pipe Q can fill $\frac{2}{3}$ part of the same tank in 16 hours.

Both P and Q were kept open for 4 hours, then both were closed. Pipe R alone was then opened and it emptied the water in the tank in 5 hours. Pipes P, Q and R together can fill the empty tank in:

A. 62 hours

B. 88 hours

C. 79 hours

D. 72 hours

**Q25 Mathematics**

Simplify: $4\left(\left(\frac{6}{4}\right)x^2 - 25x + 12\right) - 6(x^2 + 5x - 13)$

A. $130x - 126$

B. $-130x + 126$



C. $-130x - 126$

D. $130x + 126$



Q26 Mathematics

If $\sec\theta + \tan\theta = s$, then find the value of $\frac{s^2 - 1}{s^2 + 1}$.

A. $\sin\theta$



B. $\sec\theta$

C. $\cot\theta$

D. $\operatorname{cosec}\theta$

Q27 Mathematics

By how much is 65% of 75 greater than $\frac{2}{5}$ of 45?

A. 24.75

B. 28.75

C. 27.75

D. 30.75



Q28 Mathematics

A sum of ₹10,000 amounts to ₹12,321 in 2 years at a certain rate of interest per annum, compounded annually. The rate of interest per annum is:

A. 15%

B. 11%



C. 14%

D. 10%

Q29 Mathematics

ABCD is a quadrilateral in which $AB \parallel DC$, and E and F are the mid points of the diagonals AC and BD, respectively. If $AB = 12$ cm, $BC = 40$ cm, $DC = 30$ cm, and $AD = 45$ cm, then what is the length (in cm) of EF?

A. 13

B. 8

C. 5

D. 9



Q30 Mathematics

The selling price of 16 books is equal to the cost price of 8 books. Find the loss or gain percentage.

A. $\frac{100}{8}\% \text{ loss}$

B. 50% gain

C. $\frac{100}{8}\% \text{ gain}$

D. 50% loss

**General Intelligence & Reasoning**

30 Questions • Answer Key

Q31 General Intelligence & Reasoning

If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 8317456, what will be the sum of the digits that are second from the left and second from the right?

A. 8

B. 6

C. 10



D. 12

Q32 General Intelligence & Reasoning

1 is subtracted from each even digit of the number 95423671 and then the digits are arranged in ascending order from left to right. Find the sum of the digits that are second from the left and third from the right.

A. 6



B. 5

C. 9

D. 7

Q33 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. FMI

B. JQN



C. LSO

D. HOK

Q34 General Intelligence & Reasoning

What should come in place of the question (?) in the given series?

53 70 91 116 145 ?

A. 178



B. 171

C. 194

D. 186

Q35 General Intelligence & Reasoning

Eight people, S, T, U, V, W, X, Y and Z, are sitting in a straight line. All are facing towards the north. S sits third from the extreme left end of the line. W is an immediate neighbour of V. Only U sits between S and W. Z is sitting at the extreme right end of the line. T is an immediate neighbour of both Y and S. How many people sit to the right of W?

A. One

B. Two

C. Four

D. Three

**Q36 General Intelligence & Reasoning**

Shekhar ranked 7th from the top and 38th from the bottom in his class. How many students are there in his class?

A. 45

B. 44



C. 43

D. 42



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Q37 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series?

442 530 626 730 842 ?

A. 1090

B. 901

C. 962



D. 1025

Q38 General Intelligence & Reasoning

In a certain code language, 'MAZE' is coded as '3527' and 'AIDS' is coded as '2416'. What is the code for 'A' in the given code language?

A. 5

B. 1

C. 4

D. 2

**Q39 General Intelligence & Reasoning**

HOLN is related to XGBF in a certain way based on the English alphabetical order. In the same way, TIXH is related to JANZ. To which of the given options is PKTJ related, following the same logic?

A. FCJB



B. FCBH

C. FHBC

D. FCBJ

Q40 General Intelligence & Reasoning

Seven boxes F, G, H, I, K, L, and O are kept one over the other but not necessarily in the same order. Only three boxes are kept below H. Only two boxes are kept between H and O. Only L is kept above G. F is kept at some place below I and at some place above K.

Which box is kept at second position from the bottom?

A. G

B. O

C. F

D. K

**Q41 General Intelligence & Reasoning**

L, M, N, O, Q, R and S are sitting around a circular table, facing the centre of the table. Only one person sits between Q and S when counted from the right of Q. Only one person sits between S and N. Only one person sits between Q and R. Only two people sit between L and N. Only one person sits between O and R. Who sits third to the right of M?

A. O

B. L

C. N

D. S

**Q42 General Intelligence & Reasoning**

WPKD is related to TNHB in a certain way based on the English alphabetical order. In the same way, KHYV is related to HFVT. To which of the given options is BBPP related, following the same logic?

A. YMZN

B. YZMN



C. YZSD

D. YZNM

Q43 General Intelligence & Reasoning

Harini starts from Point Y and drives 7 km towards the south. She then takes a left turn, drives 14 km. She then turns left and drives 7 km. She takes a final left turn, drives 18 km and stops at Point Z. How far (shortest distance) and towards which direction should she drive in order to reach Point Y again? (All turns are 90-degree turns only unless specified)

A. 8 km towards west

B. 10 km towards south

C. 4 km towards east



D. 1 km towards north



Q44 General Intelligence & Reasoning

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

All bottles are ludo.
All ludo are dancer.

Conclusions:

(I): Some dancers are ludo.

(II): All bottles are dancers.

- A. Only conclusion (I) follows.
- B. Neither conclusion (I) nor (II) follows.
- C. Only conclusion (II) follows.
- D. Both conclusions (I) and (II) follow. ✓

Q45 General Intelligence & Reasoning

Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

IUP -1 MRN -3 ? ULJ -27 YIH -81

- A. QOL -9 ✓
- B. QOP -9
- C. PQS -7
- D. YFQ -7

Q46 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series?

934 924 925 915 916 906 ? 897

- A. 895
- B. 896
- C. 907 ✓
- D. 908

Q47 General Intelligence & Reasoning

Select the pair which follows the same pattern as that followed by the two pairs given below. Both pairs follow the same pattern.

HTO : DWK

XHE : TKA

- A. YFH : UKD
- B. FCV : KZQ
- C. HKV : ENS
- D. PNW : LQS ✓

Q48 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

- A. BE-DG
- B. EI-HK ✓
- C. DG-FI
- D. SV-UX

Q49 General Intelligence & Reasoning

In a certain code language,
A + B means 'A is the son of B',
A - B means 'A is the sister of B',
A x B means 'A is the wife of B' and
A ÷ B means 'A is the father of B'.

How is Q related to D if 'Q ÷ E - R x C + D'?

- A. Son's wife's father ✓
- B. Son's wife's brother
- C. Father
- D. Brother



Q50 General Intelligence & Reasoning

This question is based on the five, three-digit numbers given below.

(Left) 126 257 352 984 751 (Right)

(Example- 697 – First digit = 6, second digit = 9 and third digit = 7)

(NOTE: All operations to be done from left to right.)

If 2 is added in the third digit of each number, how many numbers thus formed will be odd numbers?

A. Two



B. None

C. Three

D. One

Q51 General Intelligence & Reasoning

What will come in place of the question mark (?) in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged?

$$26 \times 2 - 21 + 7 \div 4 = ?$$

A. 18

B. 25

C. 6



D. 11

Q52 General Intelligence & Reasoning

Raghunandan walks 325 m towards the west to reach a cloth showroom. Then he turns to the right and walks 220 m straight to reach the fitness centre. Again, he turns to the right and walks for 200 m straight. Then, he turns to the right again and walks for 220 m. How far is he from the starting point?(All turns are 90-degree turns only, unless specified.)

A. 120 m

B. 150 m

C. 105 m

D. 125 m

**Q53 General Intelligence & Reasoning**

Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) 2 % / < 9 \$ / % 6 * 4 5 8 # ? > 2 2 + 2 \ (Right)

How many such symbols are there, each of which is immediately preceded by a number and also immediately followed by another symbol?

A. One

B. Two

C. Three



D. None

Q54 General Intelligence & Reasoning

What will come in place of the question mark (?) in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged?

$$28 + 125 \times 5 - 12 \div 3 = ?$$

A. 21

B. 46

C. 39



D. 28

Q55 General Intelligence & Reasoning

Seven boxes A, B, C, D, E, F and G are kept one over the other but not necessarily in the same order. Only four boxes are kept between C and F. Only A is kept above C. Only two boxes are kept between D and E. G is kept immediately above B. E is not kept immediately above G. How many boxes are kept above G?

A. 1

B. 2

C. 3



D. 4

Q56 General Intelligence & Reasoning

In a certain code language, 'BEST' is coded as '3527' and 'EARN' is coded as '1246'. What is the code for 'E' in the given code language?

A. 2



B. 5

C. 6

D. 1



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Q57 General Intelligence & Reasoning

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

All forests are hills.
Some hills are deserts.

Conclusions:

(I): All hills are forests.
(II): Some deserts are hills.

- A. Both Conclusions I and II follow
- B. Neither Conclusion I nor II follows
- C. Only Conclusion II follows ✓
- D. Only Conclusion I follows

Q58 General Intelligence & Reasoning

Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

NUB 63, JQX 54, FMT 45, BIP 36, XEL 27, ?

- A. TAI 17
- B. TAH 18 ✓
- C. TMH 15
- D. UAH 20

Q59 General Intelligence & Reasoning

In the following number-pairs, the second number is obtained by applying certain mathematical operations to the first number. Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

37, 62
52, 77

- A. 46, 71 ✓
- B. 64, 84
- C. 69, 88
- D. 81, 96

Q60 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

- A. RUP
- B. VYT
- C. ORM
- D. LOI ✓

General Awareness

40 Questions • Answer Key

Q61 General Awareness

Which of the following pairs of neighbouring countries are landlocked and share only land borders with India?

- A. Sri Lanka and Maldives
- B. Bangladesh and Myanmar
- C. Nepal and Bhutan ✓
- D. Pakistan and China

Q62 General Awareness

Which of these is a part of solid waste management infrastructure?

- A. Sewage pipelines
- B. Garbage collection and disposal ✓
- C. Electricity transmission lines
- D. Drainage tanks



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Q63 General Awareness

Which Gupta emperor was known as the 'Napoleon of India' due to his military conquests and strategic warfare?

- A. Skandagupta
- B. Samudragupta
- C. Chandragupta I
- D. Kumaragupta

Q64 General Awareness

Who is the director of the film 'Laapataa Ladies', which won Best Picture at the 2025 IIFA Awards?

- A. Kiran Rao
- B. Farhan Akhtar
- C. Karan Johar
- D. Yash Chopra

Q65 General Awareness

In Indian State governments, to whom is the State Council of Ministers collectively responsible?

- A. Council of States
- B. The Governor of the State
- C. Chief Justice of the concerned State
- D. State Legislative Assembly

Q66 General Awareness

In March 2025, _____ became the 28th legislature to join the National e-Vidhan Application platform.

- A. Jharkhand
- B. Delhi
- C. Odisha
- D. Sikkim

Q67 General Awareness

Overseas Citizen of India (OCI) holders are:

- A. Foreign nationals with special privileges
- B. Persons entitled to hold constitutional posts
- C. Indian citizens with voting rights
- D. Dual citizens of India and another country

Q68 General Awareness

What was the main aim of IRDP (Integrated Rural Development Programme) ?

- A. To assist poor rural families in acquiring assets or skills for self-employment
- B. To provide free food to rural families
- C. To build schools in villages
- D. To promote urban employment

Q69 General Awareness

Which of the following represents the longitudinal extent of India?

- A. 56°7'E and 87°25'E
- B. 58°7'E and 94°25'E
- C. 54°7'E and 77°25'E
- D. 68°7'E and 97°25'E

Q70 General Awareness

What was the main aim of TRYSEM (Training for Rural Youth for Self-Employment)?

- A. Providing loans to farmers
- B. Offering free education in rural areas
- C. Upgrading skills of rural youth to tackle unemployment
- D. Building infrastructure in villages

Q71 General Awareness

The 'Montreal Protocol' was signed to control the emission of _____.

- A. chlorofluorocarbons
- B. methane
- C. carbon dioxide
- D. sulphur dioxide

Q72 General Awareness

The Eleventh Schedule of the Indian Constitution relates to which of the following?

- A. State list subjects
- B. Functions of municipalities
- C. Anti-defection law
- D. Powers and responsibilities of Panchayats



Q73 General Awareness

Which country led the 2024 Global Gender Gap Report by closing over 90% of its gender gap?

- A. Sweden
- B. Finland
- C. Iceland
- D. Norway

**Q74 General Awareness**

Which Indian state shares its border with China, Nepal and Bhutan?

- A. Arunachal Pradesh
- B. Sikkim
- C. Himachal Pradesh
- D. Uttarakhand

**Q75 General Awareness**

Which initiative is intended to encourage domestic manufacturing and attract foreign investment?

- A. Skill India
- B. Make in India
- C. Digital India
- D. Startup India

**Q76 General Awareness**

What happens when you delete a file or folder using the Delete key?

- A. The file is sent to the Recycle Bin.
- B. The file is renamed automatically.
- C. The file is permanently deleted without warning.
- D. The file is copied to another folder.

**Q77 General Awareness**

What key principle did the Supreme Court emphasise in the 2024 Property Owners Association v State of Maharashtra case?

- A. Public trust doctrine applies to all private assets.
- B. Only scarce or vital resources justify state takeover.
- C. State can acquire all private properties at will.
- D. Government power overrides individual property rights.

**Q78 General Awareness**

The new Indian Ports Bill 2025 seeks to repeal which Indian Act?

- A. The Indian Ports Act, 1908
- B. The Calcutta Port (Pilotage) Act, 1948
- C. The Major Port Authorities Act, 2021
- D. The Indian Bills of Lading Act, 1856

**Q79 General Awareness**

Which of the following schemes aims to empower adolescent girls?

- A. NRHM
- B. Janani Suraksha Yojana
- C. National Nutrition Mission
- D. Kishori Shakti Yojana

**Q80 General Awareness**

Who among the following wrote the novel Godaan, which is considered a classic of modern Hindi literature?

- A. RK Narayan
- B. Munshi Premchand
- C. Bankim Chandra Chatterjee
- D. Rabindranath Tagore

**Q81 General Awareness**

In April 2025, which startup, selected by the Department of Science and Technology (DST) under the National Quantum Mission (NQM), has launched the world's first platform — QShield — that enables seamless cryptography management?

- A. SST Labs
- B. CCS Labs
- C. AMu Labs
- D. QNu Labs

**Q82 General Awareness**

The Red Fort in Delhi was constructed during the reign of which of the following Mughal emperors?

- A. Aurangzeb
- B. Akbar
- C. Babur
- D. Shah Jahan



Q83 General Awareness

Which postulate of Dalton's atomic theory reflects the Law of Conservation of Mass?

- A. Atoms of different elements have different masses and properties.
- B. All matter is made up of indivisible particles called atoms.
- C. Atoms combine in simple whole-number ratios to form compounds.
- D. Atoms cannot be created or destroyed in a chemical reaction. ✓

Q84 General Awareness

Which revolutionary along with Batukeshwar Dutt threw bombs in the Central Assembly in 1929?

- A. Bhagat Singh ✓
- B. Rajguru
- C. Ashfaqulla Khan
- D. Chandrashekhar Azad

Q85 General Awareness

Who made history as the first woman, the youngest person, and the first African to be elected President of the International Olympic Committee (IOC) in 2025?

- A. Tegla Loroupe
- B. Fatma Samoura
- C. Nawal El Moutawakel
- D. Kirsty Coventry ✓

Q86 General Awareness

Privatisation under the 1991 reforms primarily involved:

- A. selling government shares in public sector enterprises ✓
- B. increasing agricultural subsidies
- C. nationalising private companies
- D. reducing bank interest rates

Q87 General Awareness

Who among the following was appointed as the new Chairman of the Union Public Service Commission (UPSC) in May 2025?

- A. Dr. Anil Kumar
- B. Ms. Priya Sharma
- C. Dr. Ajay Kumar ✓
- D. Shri Rajesh Verma

Q88 General Awareness

Which of the following indigenously developed underwater naval mines was successfully tested by DRDO and the Indian Navy in May 2025?

- A. Barak Mine
- B. Varunastra
- C. Multi-Influence Ground Mine ✓
- D. Sea Dragon

Q89 General Awareness

Although a colloid appears homogeneous, it is actually a _____.

- A. suspension
- B. true solution
- C. homogeneous mixture
- D. heterogeneous mixture ✓

Q90 General Awareness

The Hazira–Vijaipur–Jagdishpur (HVJ) pipeline is mainly used to transport:

- A. natural gas ✓
- B. kerosene
- C. crude oil
- D. petrol

Q91 General Awareness

As of July 2025, how many Indian States have a bicameral legislature (i.e. both, a Legislative Assembly and a Legislative Council)?

- A. Eight
- B. Seven
- C. Five
- D. Six ✓

Q92 General Awareness

Which of the following parts of the plant is primarily responsible for sexual reproduction in angiosperms?

- A. Stem
- B. Root
- C. Flower ✓
- D. Leaf



Q93 General Awareness

The title Devaputra, used by the Kushana rulers, implies which of the following?

- A. Heir to Mauryan traditions
- B. Hereditary monarchy
- C. Protector of Dharma
- D. Divine origin or claim to divinity ✓

Q94 General Awareness

Which of these was NOT a cause of popular resentment against British rule before 1857?

- A. Racial discrimination
- B. High taxes
- C. Low wages
- D. Religious tolerance ✓

Q95 General Awareness

Which tool in Windows helps one manage and organize files and folders?

- A. Paint
- B. Task Manager
- C. Recycle Bin
- D. File Explorer ✓

Q96 General Awareness

Padma Vibhushan awardee of 2025, Dr. Lakshminarayana Subramaniam is a famous musician of which instrument?

- A. Sitar
- B. Shehnai
- C. Violin ✓
- D. Flute

Q97 General Awareness

Which of the following organisations collaborated with the Indian Navy for the VLSRSAM launch in March 2025?

- A. Hindustan Aeronautics Limited
- B. Bhabha Atomic Research Centre
- C. Bharat Electronics Limited
- D. Defence Research and Development Organisation ✓

Q98 General Awareness

The Wahabi Movement was started by Syed Ahmad, of _____.

- A. Jhansi
- B. Hyderabad
- C. Rae Bareli ✓
- D. Amritsar

Q99 General Awareness

Which Ministry co-organised the 9th edition of the Global Technology Summit (GTS) with Carnegie India in April 2025 in New Delhi?

- A. Ministry of Information and Broadcasting
- B. Ministry of Electronics and Information Technology
- C. Ministry of Communications
- D. Ministry of External Affairs ✓

Q100 General Awareness

Which Amendment extended the reservation of seats for SCs and STs in the legislatures for another 10 years till 2030?

- A. 104thAmendment ✓
- B. 101stAmendment
- C. 105thAmendment
- D. 103rdAmendment



Mathematics

30 Questions • Answer Key

Q1 Mathematics

Find the value of $48^{-17} \div 48^{12} \times 48^{-13}$.

A. 48-34

B. 48-42



C. 48-35

D. 48-37

Q2 Mathematics

The average of first 161 even numbers is

A. 162



B. 162.5

C. 163

D. 161.5

Q3 Mathematics

Four times P's present age exceeds Q's present age by 41 years. After 10 years, three times Q's age will be 33 years less than seven times P's age at that time. What is Q's present age?

A. 63



B. 67

C. 62

D. 71

Q4 Mathematics

The sum of the squares of two consecutive even natural numbers is 1684. The sum of the numbers is:

A. 42

B. 58



C. 48

D. 66

Q5 Mathematics

By selling 6 articles for a rupee, a man loses 30%. To gain 40% how many must he sell for a rupee?

A. 5

B. 4

C. 3



D. 2

Q6 Mathematics

Sneha, Yash and Rohan invested ₹1,090, ₹1,170 and ₹1,340, respectively to start a business. If the profit at the end of the year is ₹1,620, what is Rohan's share of the profit?

A. ₹603



B. ₹606

C. ₹602

D. ₹605

Q7 Mathematics

In $\triangle ABC$, $BD \perp AC$ at D and $\angle DBC = 76^\circ$. E is a point on BC such that $\angle CAE = 74^\circ$. What is the measure of $\angle AEB$?

A. 99° B. 88° C. 77° D. 100°

Q8 Mathematics

The number of prime numbers lying between 476 and 491, both included, is:

A. 2

B. 5

C. 3



D. 4

Q9 Mathematics

The HCF and the LCM of two numbers are 83 and 498, respectively. If one of the numbers is 166, find the other one.

A. 230

B. 249



C. 166

D. 332



Q10 Mathematics

Yash travels 200 km at 25 km/hr, the next 210 km at 21 km/hr and the next 204 km at 51 km/hr. What is his average speed (in km/hr) for the whole journey? (Round off your answer to two decimal places)

A. 30.01

B. 27.91



C. 27.22

D. 18.68

Q11 Mathematics

Which of the following ratio is greatest?

A. 39 : 89

B. 34 : 77

C. 36 : 69

D. 46 : 75

**Q12 Mathematics**

Sapna invested ₹21,300 on simple interest, partly at 14% per annum and partly at 11% per annum. If she earns equal interests from the two investments after 3 years, then find the sum invested at 14% per annum (in ₹).

A. 9,372



B. 9,369

C. 9,374

D. 9,373

Q13 Mathematics

M and N start a business. M invests ₹38,000 more than N invests for 2 months and N for 3 months. M's share is ₹461 more than that of N, out of a total profit of ₹6,915. Find the capital contributed by M.

A. ₹91,200



B. ₹91,000

C. ₹91,400

D. ₹91,800

Q14 Mathematics

The marks scored by 10 students are given below.
19, 14, 11, 20, 18, 17, 14, 10, 11, 11
The mode of the given data is:

A. 14

B. 11



C. 20

D. 19

Q15 Mathematics

Find the simple interest (in ₹) on ₹4,000 at 6.75% per annum rate of interest deposited on 26 February 2024 and withdrawn on 27 April 2024.

A. ₹44

B. ₹46

C. ₹43

D. ₹45

**Q16 Mathematics**

A number, when increased by 70%, gives 3230. The number is:

A. 3800

B. 1900



C. 950

D. 5700

Q17 Mathematics

The number 587407 is divisible by which of the following?

A. 41



B. 47

C. 34

D. 43

Q18 Mathematics

Simplify: $x(2x - 8) + 5(x^2 - 3) + 12$

A. $7 \times 2 - 8x + 3$

B. $-7 \times 2 - 8x - 3$

C. $7 \times 2 - 8x - 3$



D. $-7 \times 2 - 8x + 3$

Q19 Mathematics

The marked price of a shirt is ₹1,250; the shopkeeper offers a scheme of 'buy four get two free'. What amount does a customer have to pay for taking home six shirts?

A. ₹4,500

B. ₹5,200

C. ₹5,000



D. ₹4,200



Q20 Mathematics

On a marked price, the difference between the selling prices with a single discount of 40% and two successive discounts of 15% and 20% is ₹400, then find the marked price (in ₹).

A. ₹5,150

B. ₹5,000

C. ₹4,900

D. ₹4,950

Q21 Mathematics

A bus travelling at 75 km/hr completes a journey in 17 hours. What should be its speed to cover the same distance in 5 hours?

A. 261 km/hr

B. 247 km/hr

C. 264 km/hr

D. 255 km/hr

Q22 Mathematics

The number of prime numbers lying between 468 and 476, both included, is:

A. 2

B. 0

C. 1

D. 5

Q23 Mathematics

Shivam got an increase of 4% in his sales amount in the first year and 25% in the second year; also with this, his current sales are ₹1,40,400, what was his sales (in ₹) two years ago?

A. ₹1,08,000

B. ₹88,000

C. ₹1,12,320

D. ₹1,35,000

Q24 Mathematics

Pipe P can fill $\frac{7}{9}$ part of a tank in 14 hours and pipe Q can fill $\frac{5}{9}$ part of the same tank in 20 hours.

Both P and Q were kept open for 2 hours, then both were closed. Pipe R alone was then opened and it emptied the water in the tank in 6 hours. Pipes P, Q and R together can fill the empty tank in:

A. 3 hours

B. 12 hours

C. 18 hours

D. 19 hours

Q25 Mathematics

If $3\sin^2 \theta + 7\cos^2 \theta = 4$, $0^\circ < \theta < 90^\circ$, then the value of θ (in degrees) is:

A. 30°

B. 60°

C. 45°

D. 15°



Q26 Mathematics

A can lay railway track between two given stations in 22 days and B can do the same job in 11 days. With the help of C, they did the job in 4 days only. Then, C alone can do the job in

A. $8\frac{4}{5}$ days



B. $17\frac{4}{5}$ days

C. $11\frac{4}{5}$ days

D. $13\frac{4}{5}$ days

Q27 Mathematics

The selling price of 20 books is equal to the cost price of 24 books. Find the loss or gain percentage on these books.

A. $\frac{100}{4}\%$ gain

B. $\frac{100}{4}\%$ loss

C. 20% gain



D. 20% loss

Q28 Mathematics

Find the circumference (in m) of the largest circle that can be drawn completely inside a rectangle whose dimensions are given as 249 m and 168 m.

(Take $\pi = \frac{22}{7}$.)

A. 521

B. 528



C. 536

D. 530

Q29 Mathematics

Find the volume of the cylinder whose height and radius are 7 cm and 3 cm, respectively (use $\pi = 3.14$).

A. 197.82 cm³



B. 195.68 cm³

C. 190.01 cm³

D. 193.58 cm³



Q30 Mathematics

The value of $\sqrt{144} + \sqrt{0.0225} - \sqrt{6.25} =$

- A. 6.94
- B. 9.65
- C. 3.27
- D. 7.22

**General Intelligence & Reasoning**

30 Questions • Answer Key

Q31 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group? (Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

- A. PKQ
- B. IDJ
- C. SNU
- D. MHN

**Q32 General Intelligence & Reasoning**

What will come in the place of the question mark (?) in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged?

$$7 \div 4 + 20 - 72 \times 6 = ?$$

- A. 26
- B. 13
- C. 33
- D. 20

**Q33 General Intelligence & Reasoning**

Tirtha starts from Point Y and drives 23 km towards north. He then takes a right turn, drives 12 km. He then turns right and drives 27 km. He takes a final right turn, drives 12 km and stops at Point Z. How far (shortest distance) and towards which direction should he drive in order to reach Point Y again? (All turns are 90° turns only unless specified.)

- A. 4 km towards north
- B. 5 km towards east
- C. 5 km towards south
- D. 9 km towards west

**Q34 General Intelligence & Reasoning**

What should come in place of the question mark (?) in the given series based on the English alphabetical order?

FIL ADG VYB QTW ?

- A. ROL
- B. RLO
- C. LOR
- D. LRO

**Q35 General Intelligence & Reasoning**

In a certain code language, 'LOAN' is coded as '4257' and 'NIKE' is coded as '1346'. What is the code for 'N' in the given code language?

- A. 7
- B. 4
- C. 6
- D. 1

**Q36 General Intelligence & Reasoning**

Seven boxes A, B, C, D, E, F and G are kept one over the other but not necessarily in the same order. Only C is kept above D. Only two boxes are kept between D and E. Only A is kept below B. F is not kept immediately above E. How many boxes are kept between B and F?

- A. Two
- B. Four
- C. One
- D. Three



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Q37 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series?

18 23 17 24 16 ?

A. 25



B. 20

C. 34

D. 28

Q38 General Intelligence & Reasoning

Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

Z122Y V101U R82Q N65M ?

A. J50I



B. K49L

C. K50L

D. J49I

Q39 General Intelligence & Reasoning

FI 11 is related to KN 8 in a certain way. In the same way, NQ 25 is related to SV 22. To which of the following is OR 17 related, following the same logic?

A. TW 15

B. UW 14

C. JM 11

D. TW 14

**Q40 General Intelligence & Reasoning**

Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. CF-HB



B. NQ-SL

C. JM-OH

D. FI-KD

Q41 General Intelligence & Reasoning

Refer to the following number and symbol series and answer the question. Counting to be done from left to right only.

(Left) @ 3 5 1 7 % @ 2 © 1 © © 4 4 9 & © 1 © £ 5 5 (Right)

How many such numbers are there, each of which is immediately preceded by a number and also immediately followed by a symbol?

A. 4

B. 2



C. 3

D. 1

Q42 General Intelligence & Reasoning

In a certain code language, 'DELT' is coded as '1473' and 'BLED' is coded as '7234'. What is the code for 'B' in the given code language?

A. 4

B. 7

C. 2



D. 3

Q43 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series?

6 6 7 11 20 ?

A. 37

B. 36



C. 38

D. 35

Q44 General Intelligence & Reasoning

If 'A' stands for '÷', 'B' stands for '×', 'C' stands for '+' and 'D' stands for '-', then what will be come in place of the question mark (?) in the following equation?

18 A 3 D 8 B 2 C 12 = ?

A. 7

B. 12

C. 10

D. 2



Q45 General Intelligence & Reasoning

Read the given statement(s) and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statement(s).

Statements:

Some homestays are resorts.
Some resorts are palaces.

Conclusions:

(I) Some homestays are palaces.
(II) All palaces are resorts.

- A. Only conclusion (I) follows.
B. Both conclusions (I) and (II) follow.
C. Only conclusion (II) follows.
D. Neither conclusion (I) nor (II) follows. ✓

Q46 General Intelligence & Reasoning

Laxman starts from Point A and drives 7 km towards south. He then takes a right turn, drives 8 km, turns right and drives 9 km. He then takes a right turn and drives 9 km. He takes a final right turn, drives 2 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90° turns only unless specified.)

- A. 2 km to west
B. 4 km to west
C. 1 km to west ✓
D. 3 km to west

Q47 General Intelligence & Reasoning

This question is based on the five, three-digit numbers given below.
(Left) 475 648 857 591 362 (Right)

(Example- 697 – First digit = 6, second digit = 9 and third digit = 7)

(NOTE: All operations to be done from left to right.)

If 1 is added to the third digit of every number, then how many numbers will become even?

- A. None
B. Two
C. One
D. Three ✓

Q48 General Intelligence & Reasoning

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements: All bricks are spoons. No brick is a cricket.

Conclusion (I): Some crickets are spoons.

Conclusion (II): All spoons are crickets.

- A. Both conclusions (I) and (II) follow.
B. Only conclusion (I) follows.
C. Only conclusion (II) follows.
D. Neither conclusion (I) nor (II) follows. ✓

Q49 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

- A. BIL
B. OVY
C. YEI ✓
D. PWZ

Q50 General Intelligence & Reasoning

In the following number-pairs, the second number is obtained by applying certain mathematical operations to the first number. Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

24, 66
18, 48

- A. 28, 74
B. 20, 56
C. 30, 84 ✓
D. 22, 58



Q51 General Intelligence & Reasoning

CHRX is related to HMXD in a certain way based on the English alphabetical order. In the same way, WBPV is related to BGVB. To which of the given options is LQHN related, following the same logic?

A. QVTN

B. QTYU

C. QVNT



D. QTNV

Q52 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series?

561 562 564 ? 571 576

A. 569

B. 567



C. 566

D. 568

Q53 General Intelligence & Reasoning

Each of the digits in the number 95423671 is arranged in ascending order from left to right. What will be the sum of the digits that are third from the left and fourth from the right in the new number thus formed?

A. 11

B. 10

C. 9

D. 8

**Q54 General Intelligence & Reasoning**

L, M, N, O, Q, R, and S are sitting around a circular table facing the centre of the table. R sits third to the left of O. Only one person sits between O and S when counted from the left of S. Only two people sit between Q and L when counted from the right of L. N is an immediate neighbour of Q.

Who sits third to the right of M?

A. L

B. N

C. Q

D. R

**Q55 General Intelligence & Reasoning**

Select the pair which follows the same pattern as that followed by the two pairs given below. Both pairs follow the same pattern.

MUV : QPZ

UKD : YFH

A. SLU : VGX

B. FCV : KZQ

C. CAL : GVP



D. TLW : XQA

Q56 General Intelligence & Reasoning

What will come in the place of the question mark (?) in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged?

$32 + 8 \times 2 - 12 \div 5 = ?$

A. 87

B. 85

C. 89

D. 88

**Q57 General Intelligence & Reasoning**

Seven boxes C, D, E, M, N, O and P are kept one over the other but not necessarily in the same order.

Only D is kept above C. Only E is kept between C and M.

Only P is kept below N.

How many boxes are kept between O and P?

A. Two

B. Three

C. One



D. Four

Q58 General Intelligence & Reasoning

In a certain code language,

'A = B' means 'A is the mother of B',

'A \$ B' means 'A is the brother of B',

'A @ B' means 'A is the wife of B' and

'A * B' means 'A is the father of B'.

How is W related to R if $W \$ A = C @ D * R$?

A. Mother's mother's brother



B. Father

C. Brother

D. Mother's father



Q59 General Intelligence & Reasoning

Seven boxes G, H, I, K, L, M and S are kept one over the other but not necessarily in the same order. Only four boxes are kept between I and K. Only S is kept above I. Only two boxes are kept between M and G. H is kept immediately above L. G is not kept immediately above H. Which box is kept fourth from the top?

- A. L
- B. M
- C. G
- D. H

**Q60 General Intelligence & Reasoning**

Seven people G, H, I, K, L, M and S are sitting in a row, facing north. Only three people sit between I and S. M sits to the immediate left of S. No one sits to the right of H. Only two people sit between H and M. K sits to the immediate right of L. How many people sit between G and K?

- A. Four
- B. One
- C. Two
- D. Three

**General Awareness**

40 Questions • Answer Key

Q61 General Awareness

Which of the following British officials found India as an uncivilised country and had to be civilised, following which the English Education Act of 1835 was introduced?

- A. Nathaniel Halhed
- B. Henry Thomas Colebrooke
- C. Thomas Macaulay
- D. William Jones

**Q62 General Awareness**

In March 2025, which company unveiled Vayu, an overall AI cloud offering for enterprises?

- A. Tata Communication
- B. Airtel Communication
- C. Bajaj Communication
- D. Reliance Communication

**Q63 General Awareness**

Which exercise in 2025 involved India and the United States focusing on amphibious warfare and HADR?

- A. Exercise Malabar
- B. Exercise Yudh Abhyas
- C. Exercise Vajra Prahar
- D. Exercise Tiger Triumph

**Q64 General Awareness**

What does the keyboard shortcut Ctrl + R do in web browsers?

- A. Restores deleted files
- B. Refreshes the active window
- C. Runs a program
- D. Renames a file or folder

**Q65 General Awareness**

Which of the following is a correct representation of a compound formed by ionic bonding?

- A. H₂O
- B. CO₂
- C. NaCl
- D. NH₃

**Q66 General Awareness**

Special provisions for certain states are covered under which Part of the Indian Constitution?

- A. Part XXI
- B. Part XXII
- C. Part XX
- D. Part XIX

**Q67 General Awareness**

Which major Indian company was privatised in the 2000s under the Government of India's disinvestment policy?

- A. Maruti Udyog Limited
- B. ISRO
- C. LIC
- D. BSNL



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Q68 General Awareness

According to the IMF's World Economic Outlook released in April 2025, what is India's projected economic growth rate for the year 2025?

- A. 5.6%
- B. 4.8%
- C. 6.5%
- D. 6.2%

**Q69 General Awareness**

The Tehri Dam, which serves multiple purposes including power generation, is built on which river?

- A. Bhagirathi
- B. Yamuna
- C. Ganga
- D. Sutlej

**Q70 General Awareness**

What was the theme of the 10th Governing Council Meeting of NITI Aayog that was held on 24 May 2025?

- A. Viksit Rajya for Viksit Bharat@2047
- B. Viksit Bharat for All
- C. Sustainable Growth for India
- D. Empowering States for Development

**Q71 General Awareness**

Which British Prime Minister officially announced the decision to grant independence to India and withdraw British forces from the subcontinent?

- A. Winston Churchill
- B. Stafford Cripps
- C. Pethick Lawrence
- D. Clement Atlee

**Q72 General Awareness**

Who among the following formed a Satyagraha Sabha on 24 February 1919 in Bombay to protest against the Rowlatt Bills?

- A. Motilal Nehru
- B. Maulana Abul Kalam Azad
- C. Mahatma Gandhi
- D. Sardar Vallabhbhai Patel

**Q73 General Awareness**

Which act gave statutory status to the Central Vigilance Commission (CVC)?

- A. Lokpal Act, 2013
- B. Prevention of Corruption Act, 1988
- C. The Central Vigilance Commission Act, 2003
- D. The Central Vigilance Commission Act, 1964

**Q74 General Awareness**

Which of the following chemical reactions does NOT represent a balanced equation?

- A. $3\text{Fe} + 4\text{H}_2\text{O} \rightarrow \text{Fe}_3\text{O}_4 + 4\text{H}_2$
- B. $2\text{Fe} + 3\text{H}_2\text{O} \rightarrow \text{Fe}_2\text{O}_3 + 3\text{H}_2$
- C. $4\text{Fe} + 3\text{H}_2\text{O} \rightarrow \text{Fe}_3\text{O}_4 + 2\text{H}_2$
- D. $\text{Fe} + \text{H}_2\text{O} \rightarrow \text{FeO} + \text{H}_2$

**Q75 General Awareness**

During the Mughal period, the Ain-i-Dahsala system was introduced by ____.

- A. Aurangzeb
- B. Shah Jahan
- C. Akbar
- D. Babur

**Q76 General Awareness**

In May 2025, Prime Minister Narendra Modi dedicated 103 redeveloped railway stations under which of the following schemes?

- A. Bharat Mala Scheme
- B. Smart Rail Mission
- C. Udan Scheme
- D. Amrit Bharat Station Scheme

**Q77 General Awareness**

Who is credited with the discovery of the nucleus through the gold foil experiment?

- A. Bohr
- B. Ernest Rutherford
- C. John Dalton
- D. Lavoisier



Q78 General Awareness

Which of the following minerals is known as 'Brown Gold' in India?

- A. Mica
- B. Lignite
- C. Bauxite
- D. Copper

**Q79 General Awareness**

Who was honoured with the Luminous Lummer Dai Literary Award in 2025 for their contributions to Assamese literature?

- A. Nirupama Borgohain
- B. Homen Borgohain
- C. Ramchandra Chutia
- D. Indira Goswami

**Q80 General Awareness**

Which Article of the Constitution deals with the reservation of seats for Scheduled Castes and Scheduled Tribes in the Lok Sabha?

- A. Article 334
- B. Article 332
- C. Article 330
- D. Article 331

**Q81 General Awareness**

What happens when a user renames a file in MS Windows?

- A. The file is moved to a different location.
- B. The file is converted into a different format.
- C. The file's name changes, but its content remains the same.
- D. The file is deleted and a new file is created.

**Q82 General Awareness**

Which of the following central services holds the highest prestige, pay and emoluments among its peers?

- A. Indian Defence Accounts Service
- B. Indian Foreign Service
- C. Indian Audit and Accounts Service
- D. Indian Postal Service

**Q83 General Awareness**

The Earth completes one rotation on its axis approximately in:

- A. 30 days
- B. 24 hours
- C. 12 hours
- D. 365 days

**Q84 General Awareness**

In which State has India's first integrated API Green Hydrogen and 2G Ethanol plant been established?

- A. Andhra Pradesh
- B. Goa
- C. Himachal Pradesh
- D. Uttarakhand

**Q85 General Awareness**

Which of the following two rice varieties were unveiled as a part of India's genome-editing initiative in May 2025?

- A. Kamala and Pusa DST Rice 1
- B. Swarna Rice and Golden Rice
- C. Kamala and Basmati Gold
- D. Pusa DST Rice 2 and Swarna Rice

**Q86 General Awareness**

In May 2025, the Ministry of Education launched a nationwide enforcement drive around schools and colleges for what purpose?

- A. Improving safety measures for female students
- B. Promote positive campus culture and prevent incidents of ragging
- C. Making educational institutions free from tobacco and substance
- D. Focusing on mental health awareness

**Q87 General Awareness**

In which of the following geographical areas of India is Kumaoni spoken by a significant portion of the population?

- A. Jammu and Kashmir
- B. West Bengal
- C. Uttarakhand
- D. Himachal Pradesh



Q88 General Awareness

What is the term period of the Comptroller and Auditor General (CAG) of India?

- A. 6 years or 60 years
- B. 5 years or 62 years
- C. 6 years or 65 years ✓
- D. 4 years or 60 years

Q89 General Awareness

Which of the following belongs to the Lakshadweep group of islands?

- A. Chowra Island
- B. Milo Island
- C. Kamorta Island
- D. Kannur Islands ✓

Q90 General Awareness

According to Article 79 of the Indian Constitution, the Parliament of India consists of:

- A. President, Vice President, and Prime Minister
- B. Prime Minister, Lok Sabha, and Rajya Sabha
- C. only Lok Sabha and Rajya Sabha
- D. President, Lok Sabha, and Rajya Sabha ✓

Q91 General Awareness

The International Theatre Festival of India, Bharat Rang Mahotsav (BRM), held in Bengaluru from 1 February 2025 to 8 February 2025, was organised by which of the following institutions?

- A. Indian Council for Cultural Relations
- B. Kalidasa Kalakendram
- C. National School of Drama ✓
- D. Sangeet Natak Akademi

Q92 General Awareness

Special Economic Zones (SEZs) were established to promote export-oriented industrialisation. What is a primary incentive offered to firms operating in SEZs?

- A. Strict labour laws
- B. Ban on foreign investments
- C. Tax holidays and infrastructure support ✓
- D. Higher import duties

Q93 General Awareness

Which nationwide civil defence exercise, conducted on May 7, 2025 by the Ministry of Home Affairs and the National Disaster Management Authority, involved 244 districts across India to enhance emergency preparedness?

- A. Operation Trinetra
- B. Operation Raksha
- C. Operation Abhyaas ✓
- D. Operation Suraksha

Q94 General Awareness

Which of the following countries does Amelia Kerr, the ICC Women's T20I Cricketer of the Year 2024, represent?

- A. South Africa
- B. New Zealand ✓
- C. England
- D. Australia

Q95 General Awareness

The northern part of the plains along the Bay of Bengal is referred to as the Northern Circar, while the southern part is known as the _____.

- A. Utkal Plains
- B. Andhra Plains
- C. Southern Circar
- D. Coromandel Coast ✓

Q96 General Awareness

Which district in Nagaland was officially declared as the state's 17th district in November 2024?

- A. Tseminyu
- B. Noklak
- C. Shamator
- D. Meluri ✓

Q97 General Awareness

Which of the following is an example of structural unemployment?

- A. A worker losing their job due to a recession
- B. A worker being unable to find a job due to discrimination
- C. A worker choosing not to work due to a lack of job opportunities
- D. A worker being unable to find a job due to a lack of skills in a new and expanding industry ✓



Q98 General Awareness

Which of the following Vedic words literally means search for cows and also refers to battle?

A. Gomat

B. Gaveshana



C. Gopala

D. Duhitri

Q99 General Awareness

Which of the following schemes on Compressed Bio Gas (CBG) encourages entrepreneurs to set up CBG plants, produce and supply CBG to Oil Marketing Companies (OMCs) for sale as automotive and industrial fuels?

A. Sustainable Alternative Towards Affordable Transportation (SATAT)



B. Waste to Energy Programme (India)

C. Biogas Programme (India)

D. Cent Compressed Bio Gas (CBG) Scheme (India)

Q100 General Awareness

Which of the following is the primary objective of the Shyama Prasad Mukherji Rurban Mission (SPMRM)?

A. Development of rural clusters with urban-like facilities



B. Ensuring 100 days of wage employment in rural areas

C. Electrification of rural households

D. Skill development for rural youth



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Mathematics

30 Questions • Answer Key

Q1 Mathematics

A, B and C started a business investing ₹610, ₹630 and ₹1,450, respectively. If B's share in the profit earned by them is ₹591. what is the difference in the profit (in ₹) earned by A and C?

A. ₹785

B. ₹788

C. ₹786

D. ₹791

Q2 Mathematics

₹15,500 were divided among A, B and C, such that 7 times the share of A = 4 times the share of B = 2 times the share of C. Find the share of A.

A. ₹2,480

B. ₹2,542

C. ₹2,479

D. ₹2,580

Q3 Mathematics

Simplify: $x(3x - 7) + 7(x^2 - 4) + 18$

A. $10 \times 2 - 7x + 10$ B. $10 \times 2 - 7x - 10$ C. $-10 \times 2 - 7x - 10$ D. $-10 \times 2 - 7x + 10$

Q4 Mathematics

Which of the following numbers divide 342165?

A. 3

B. 4

C. 7

D. 2

Q5 Mathematics

A person purchased a gift article for ₹1,800 after getting 20% discount. Find the marked price of the gift article.

A. ₹2,800

B. ₹2,150

C. ₹2,250

D. ₹2,500

Q6 Mathematics

The sum of the squares of two consecutive even natural numbers is 1924. The sum of the numbers is:

A. 68

B. 54

C. 62

D. 60

Q7 Mathematics

Evaluate: $(-9) - (-60) \div (-12) + (-2) \times 8$

A. -32

B. -29

C. -33

D. -30

Q8 Mathematics

A number, when increased by 60%, gives 3580. The number is:

A. 2237.5

B. 6712.5

C. 4475

D. 1118.75

Q9 Mathematics

Find the mean proportional of 98 and 18.

A. 45

B. 44

C. 42

D. 39

Q10 Mathematics

Sapna invested ₹20,300 on simple interest, partly at 10% per annum and partly at 4% per annum. If she earns equal interests from the two investments after 4 years, then find the sum invested at 10% per annum (in ₹).

A. 5,800

B. 5,797

C. 5,799

D. 5,801



Q11 Mathematics

The average of first 171 even numbers is

A. 172



B. 172.5

C. 173

D. 171.5

Q12 Mathematics

A sum of money triples itself at a certain rate of compound interest in 5 years. In how many years will it amount to 9 times of itself?

A. 10 years



B. 7 years

C. 19 years

D. 11 years

Q13 Mathematics

Which of the following numbers divides 78,89,73,289?

A. 12

B. 13



C. 18

D. 7

Q14 Mathematics

Vihaan has to reach Chennai which is 886 km away in 17 hours. His starting speed for 8 hours was 53 km/hr. For the next 150 km his speed was 50 km/hr. By what speed he must travel now so as to reach Chennai in the decided time of 17 hours?

A. 51 km/hr

B. 52 km/hr



C. 57 km/hr

D. 56 km/hr

Q15 Mathematics

If a regular polygon has 15 sides, then what is the measure (in degrees) of each interior angle?

A. 156°



B. 160°

C. 136°

D. 128°

Q16 Mathematics

A dealer runs a scheme offering 'buy 5 items and get 2 items free'. Each item is priced at ₹250. What is the total discount amount for a customer buying under this scheme?

A. ₹600

B. ₹700

C. ₹750

D. ₹500

**Q17 Mathematics**

The LCM of the numbers 3.8 and 0.052 is:

A. 4.94

B. 49.4



C. 0.494

D. 494

Q18 Mathematics

Salil got an increase of 4% in his sales amount in the first year and 24% in the second year; also with this, his current sales are ₹1,61,200, what was his sales (in ₹) two years ago?

A. ₹1,55,000

B. ₹1,30,000

C. ₹1,05,000

D. ₹1,25,000

**Q19 Mathematics**

9 years ago, the age of a father was 25 years more than twice his son's age. After how many years, from now, will he be twice his son's age?

A. 16



B. 21

C. 19

D. 18

Q20 Mathematics

A man goes to Indore from Bhopal at a speed of 12 km/hr and returns to Bhopal at speed of 24 km/hr, through the same route. What is his average speed (in km/hr) of the entire journey?

A. 16



B. 21

C. 11

D. 12



Q21 Mathematics

The average weight (in kg) of a family of five members whose weights are 40 kg, 49 kg, 56 kg, 76 kg and 35 kg is:

- A. 53.2
- B. 51.2
- C. 50.2
- D. 52.2

**Q22 Mathematics**

The number of prime numbers lying between 411 and 424, both included, is:

- A. 4
- B. 5
- C. 3
- D. 2

**Q23 Mathematics**

By selling 6 buttons for a rupee, a man loses 45%. To gain 10% how many must he sell for a rupee?

- A. 5
- B. 3
- C. 2
- D. 4

**Q26 Mathematics**

A can lay railway track between two given stations in 21 days and B can do the same job in 15 days. With the help of C, they did the job in 2 days only. Then, C alone can do the job in

- A. $10\frac{16}{27}$ days
- B. $12\frac{16}{27}$ days
- C. $2\frac{16}{27}$ days
- D. $8\frac{16}{27}$ days

**Q24 Mathematics**

A shopkeeper lists the price of a fan at 36% above its cost price and offers a 25% discount on its list price. If he earns a profit of ₹171, then what is the list price (in ₹) of the fan?

- A. 11,598
- B. 11,547
- C. 11,406
- D. 11,628

**Q25 Mathematics**

The total surface area of a cube having side 74 cm is:

- A. 32856 cm²
- B. 32857 cm²
- C. 32846 cm²
- D. 32896 cm²



Q27 Mathematics

If $\sin\theta + \operatorname{cosec}\theta = 2$, then the value of $\sin^{120}\theta + \operatorname{cosec}^{120}\theta$ is:

A. $\frac{1}{2}$

B. 2

C. 0

D. 1

Q28 Mathematics

The volume of a right circular cylinder whose height is 20 cm and circumference of the base is 44 cm is:

(Take $\pi = \frac{22}{7}$)

A. 5082 cu.cm

B. 3080 cu.cm

C. 1936 cu. cm

D. 7623 cu. cm

Q29 Mathematics

$$9 \times (19 \times (4^2)) \div 14 + 13 - 86$$

A. $\frac{852}{7}$

B. $\frac{857}{7}$

C. $\frac{853}{7}$

D. $\frac{856}{7}$

Q30 Mathematics

Anjani can do a certain piece of work in 30 days. Anjani and Khushbu can together do the same work in 16 days, and Anjani, Khushbu and Sushmita can do the same work together in 15 days. In how many days can Anjani and Sushmita do the same work?

A. $\frac{81}{3}$

B. $\frac{80}{3}$

C. $\frac{85}{4}$

D. $\frac{73}{5}$



Q31 General Intelligence & Reasoning

Pritam is ranked 5th from the top and 21st from the bottom in his class. How many students are there in the class?

A. 26

B. 24

C. 29

D. 25

**Q32** General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series?

5 4 2 -2 -10 ?

A. -27

B. -24

C. -25

D. -26

**Q33** General Intelligence & Reasoning

If 1 is added to each even digit of the number 36719542, then what will be the sum of the digits that are repeated more than once in the new number formed?

A. 10

B. 8

C. 15



D. 12

Q34 General Intelligence & Reasoning

Saif starts from Point A and drives 31 km towards East. He then takes a right turn, drives 35 km, turns right and drives 47 km. He then takes a right turn and drives 45 km. He takes a final right turn, drives 16 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90° turns only unless specified.)

A. 11 km to the West

B. 11 km to the South

C. 10 km to the East

D. 10 km to the South

**Q35** General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. NRM

B. QUP

C. JNI

D. TXR

**Q36** General Intelligence & Reasoning

This question is based on the five, three-digit numbers given below.

(Left) 121 256 812 658 527 (Right)

(NOTE: All operations to be done from left to right.)

If all the numbers are arranged in descending order, the position(s) of how many numbers will remain unchanged?

A. Zero



B. One

C. Three

D. Two

Q37 General Intelligence & Reasoning

Seven people, I, J, K, L, U, V and W are sitting in a row, facing north.

Only two people sit to the right of K. Only two people sit between K and U. Only two people sit between I and V. V sits to the immediate left of K. L sits to the immediate right of W.

Who sits at third position from the left end of the line?

A. L

B. I

C. W

D. J

**Q38** General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series based on the English alphabetical order?

TWY RUW PSU NQS ?

A. LPQ

B. LOQ



C. LOR

D. LPR



Q39 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series based on the English alphabetical order?

ZFN FLT LRZ RXF ?

A. XSD

B. XLD

C. XDS

D. XDL

**Q40 General Intelligence & Reasoning**

In a certain code language, 'CALM' is coded as '3257' and 'MONK' is coded as '1346'. What is the code for 'M' in the given code language?

A. 7

B. 5

C. 1

D. 3

**Q41 General Intelligence & Reasoning**

Six people, D, E, F, G, H and Y, are sitting around a circular table, facing the centre. F sits third to the left of G. Only one person sits between F and Y when counted from the right of F. Only two people sit between Y and H. D is an immediate neighbour of H. How many people sit between D and E when counted from right of E?

A. One

B. Zero

C. Three

D. Two

**Q42 General Intelligence & Reasoning**

LK 19 is related to GG 2 in a certain way. In the same way, IT 29 is related to DP 12. To which of the following is OV 15 related, following the same logic?

A. JS 4

B. IR 2

C. JR 2



D. IS 4

Q43 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series?

3 11 20 30 41 ?

A. 58

B. 53



C. 67

D. 49

Q44 General Intelligence & Reasoning

This question is based on the five, three-digit numbers given below.

(Left) 570 787 488 277 102 (Right)

(Example: 697 – First digit = 6, second digit = 9 and third digit = 7)

(NOTE: All operations to be done from left to right.)

In how many numbers is the resultant of the summation of the first and the third digits a prime number?

A. None

B. Two



C. One

D. Four

Q45 General Intelligence & Reasoning

In a row of 47 students facing north, Sanjana is 27th from the left end. If Ananad is 18th to the right of Sanjana, what is Ananad's position from the right end of the line?

A. 2nd

B. 1st

C. 4th

D. 3rd

**Q46 General Intelligence & Reasoning**

CHRX is related to FKXD in a certain way based on the English alphabetical order. In the same way, OTPV is related to RWVB. To which of the given options is XCHN related, following the same logic?

A. AFTN

B. AFNU

C. AFNT



D. ATFN



Q47 General Intelligence & Reasoning

In the following number-pairs, the second number is obtained by applying certain mathematical operations to the first number. Select the pair in which the numbers are related in the same way as are the numbers of the following pairs.

(Note: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g., 13 – Operations on 13 such as adding/subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

140, 75
168, 103

A. 175, 110



B. 106, 51

C. 125, 70

D. 115, 60

Q48 General Intelligence & Reasoning

In a certain code language,
A \$ B means 'A is the son of B'
A + B means 'A is the brother of B'
A @ B means 'A is the wife of B'
A ÷ B means 'A is the father of B'

Based on the above, how is E related to N if 'E \$ F ÷ G + M @ N'?

A. Wife's brother



B. Wife's father

C. Father

D. Brother

Q49 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series?

31 20 7 -8 -25 ?

A. -45

B. -43

C. -44



D. -42

Q50 General Intelligence & Reasoning

112 people are standing in a row facing north. Mr. Into is 11th from the left end while Mr. Toni is 19th from the right end. How many people are there between Mr. Into and Mr. Toni?

A. 83

B. 85

C. 81

D. 82

**Q51 General Intelligence & Reasoning**

In a certain code language, 'it is tasty' is written as 'mt bk lo' and 'did it go' is coded as 'mf jo mt'. How is 'it' coded in the given language?

A. jo

B. lo

C. mt



D. mf

Q52 General Intelligence & Reasoning

Suresh starts from Point M and drives 10 km towards north. Then, he takes a right turn and drives 4 km; he turns right again and drives 4 km. Then, he takes a left turn and drives 2 km; then, he turns right and drives 8 km. Then, he takes a final right turn, drives 6 km and stops at Point N. How far (shortest distance) and towards which direction should she drive in order to reach Point M again? (All turns are 90-degree turns only, unless specified.)

A. 2 km towards north



B. 2 km towards south

C. 4 km towards north

D. 4 km towards south

Q53 General Intelligence & Reasoning

Each of the digits in the number 8357691 is arranged in the ascending order from left to right. The position(s) of how many digits will remain unchanged as compared to that in the original number?

A. Two



B. None

C. One

D. Three



Q54 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. OF-JQ



B. MD-HN

C. KB-FL

D. SJ-NT

Q55 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. BX - US

B. TJ - LE



C. WA - PV

D. FO - YJ

Q56 General Intelligence & Reasoning

If 2 is added to each even digit and 1 is subtracted from each odd digit in the number 52749631, then how many digits will appear more than once in the new number thus formed?

A. Two

B. Three



C. Four

D. One

Q57 General Intelligence & Reasoning

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements: Some trees are chairs. Some chairs are graphs.

Conclusion (I): Some trees are graphs.

Conclusion (II): All graphs are chairs.

A. Neither conclusion (I) nor (II) follows.



B. Only conclusion (I) follows.

C. Both conclusions (I) and (II) follow.

D. Only conclusion (II) follows.

Q58 General Intelligence & Reasoning

If 3 is added to each even digit and 2 is added to each odd digit in the number 2571463, what will be the sum of the first and last digits in the new number thus formed?

A. 12

B. 18

C. 14

D. 10

**Q59 General Intelligence & Reasoning**

KNML is related to ADCB in a certain way based on the English alphabetical order. In the same way, WZYX is related to MPON. To which of the given options is SVUT related, following the same logic?

A. ILKJ



B. IKJI

C. ILKO

D. IKLJ

Q60 General Intelligence & Reasoning

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.

Statements:

All oranges are apples.

All apples are grapes.

Conclusions:

(I) Some apples are oranges.

(II) All grapes are oranges.

A. Neither conclusion (I) nor (II) follows.

B. Only conclusion (I) follows.



C. Only conclusion (II) follows.

D. Both conclusions (I) and (II) follow.



Q61 General Awareness

What does the Alt + Tab keyboard shortcut do in Windows?

A. Switches between open applications ✓

B. Locks the computer screen

C. Closes the current window

D. Opens the Start menu

Q62 General Awareness

What are endemic species?

A. Species found only in a particular area and nowhere else ✓

B. Species found in every forest

C. Species that have migrated recently

D. Exotic animals brought from other countries

Q63 General Awareness

The concept of 'watershed' is primarily associated with:

A. River catchment area ✓

B. Mountain formation

C. Climate zones

D. Rainfall distribution

Q64 General Awareness

Microliths, which are tiny stone tools usually stuck on to handles of bones or woods to make tools like saws and sickles. These were mostly found in which age?

A. Paleolithic age

B. Chalcolithic age

C. Mesolithic age ✓

D. Neolithic age

Q65 General Awareness

The Mudumal Megalithic Menhir is located in which state that was included in the tentative list of India by UNESCO World Heritage Centre in February 2025?

A. Tamil Nadu

B. Andhra Pradesh

C. Karnataka

D. Telangana ✓

Q66 General Awareness

In April 2025, IN-SPACE launched an initiative inviting private firms to develop modular satellite platforms to host multiple payloads, aiming to reduce reliance on foreign satellite infrastructure. What is this initiative called?

A. Satellite Bus as a Service (SBaaS) ✓

B. ISRO Commercial Payload Initiative (ICPI)

C. Modular Orbital Hosting Programme (MOHP)

D. National Space-Based Internet Mission (NSBIM)

Q67 General Awareness

Which department of the Delhi Sultanate was responsible for military organisation and administration of the empire's army?

A. Diwan-i-Risalat

B. Diwan-i-Insha

C. Diwan-i-Arz ✓

D. Diwan-i-Riyasat

Q68 General Awareness

Human development is a key aspect of economic development. As per the UNDP's Human Development Report 2025, where does India rank globally?

A. 119

B. 130 ✓

C. 144

D. 100

Q69 General Awareness

When was Maha Shivaratri celebrated in 2025?

A. 14 March

B. 12 May

C. 7 June

D. 26 February ✓

Q70 General Awareness

The President of India is also the Supreme Commander of which force in India?

A. Intelligence Agencies

B. Armed Forces ✓

C. Police Forces

D. Border Security Force



Q71 General Awareness

What major change was made by the 86th Constitutional Amendment Act, 2002?

A. Declared education as a Fundamental Right ✓

B. Abolished the Legislative Council

C. Increased the President's term

D. Bifurcated the SC/ST Commission

Q72 General Awareness

Which Article of the Constitution provides special provisions for the State of Nagaland?

A. Article 371A ✓

B. Article 370

C. Article 371B

D. Article 371D

Q73 General Awareness

In May 2025, which Indian state signed an MoU with IN-SPACe to establish a Space Tech Manufacturing Park and Centre of Excellence?

A. Telangana

B. Karnataka ✓

C. Gujarat

D. Maharashtra

Q74 General Awareness

Which Act provided separate legislative subjects for the Centre and Provinces with three distinct lists?

A. Government of India Act 1919

B. Government of India Act 1935 ✓

C. Indian Independence Act 1947

D. Government of India Act 1858

Q75 General Awareness

Which biomolecules are responsible for catalysing biochemical reactions?

A. Polysaccharides

B. Enzymes ✓

C. Nucleotides

D. Phospholipids

Q76 General Awareness

Prime Minister Narendra Modi chaired which edition of the Governing Council meeting of NITI Aayog at Bharat Mandapam, New Delhi on 24 May 2025?

A. 10th ✓

B. 9th

C. 11th

D. 8th

Q77 General Awareness

Which of the following deserts is visible in the southern part of the world map?

A. Kalahari Desert ✓

B. Sonoran Desert

C. Thar Desert

D. Gobi Desert

Q78 General Awareness

Which Article of the Indian Constitution was amended by the 106th Constitutional Amendment Act to provide for women's reservation in the Legislative Assembly of Delhi?

A. Article 330A

B. Article 332A

C. Article 239AA ✓

D. Article 243D

Q79 General Awareness

Who among the following was the first political leader in India to openly put forward, in his newspaper Bande Mataram, the idea of complete independence for the country?

A. Rabindranath Tagore

B. Swami Vivekananda

C. Mahatma Gandhi

D. Sri Aurobindo ✓

Q80 General Awareness

Which of the following power projects is based on nuclear energy?

A. Tehri

B. Kalpakkam ✓

C. Bhakra Nangal

D. Koyna



Q81 General Awareness

Which of the following is NOT an instrument of parliamentary control over the executive in India?

- ☒ A. Judicial review of executive actions
- ☐ B. Approval of government bills (laws) by the Parliament
- ☐ C. No-confidence motion against the Council of Ministers
- ☐ D. Question Hour in the Lok Sabha

Q82 General Awareness

As per the May 2025 Supreme Court ruling, what is the minimum number of years of legal practice required for law graduates to be eligible for Civil Judge examinations?

- ☐ A. 1 year
- ☐ B. 5 years
- ☒ C. 3 years
- ☐ D. 2 years

Q83 General Awareness

How many public sector banks are operating in India, as on 1 May 2025?

- ☒ A. 12
- ☐ B. 8
- ☐ C. 14
- ☐ D. 10

Q84 General Awareness

In May 2025, India conducted joint military exercises with which country under the name 'Garuda Shakti 2025', aiming to strengthen counter-terrorism cooperation?

- ☐ A. Russia
- ☐ B. Sri Lanka
- ☒ C. Indonesia
- ☐ D. France

Q85 General Awareness

The Karakattam (Karagattam) dance, known for its unique balancing of pitchers, is primarily prevalent in which of the following states of India?

- ☐ A. Karnataka
- ☐ B. Kerala
- ☒ C. Tamil Nadu
- ☐ D. Andhra Pradesh

Q86 General Awareness

In December 2024, at the King Cup International Badminton Open, whom did Lakshya Sen defeat to claim the third place?

- ☐ A. Viktor Axelsen
- ☒ B. Alex Lanier
- ☐ C. Kento Momota
- ☐ D. Anthony Sinisuka Ginting

Q87 General Awareness

Which of the following is a dimensionless quantity?

- ☐ A. Velocity
- ☐ B. Acceleration
- ☒ C. Refractive index
- ☐ D. Gravitational force

Q88 General Awareness

When was the Rural Landless Employment Guarantee Programme (RLEGP) launched?

- ☐ A. 2 October 1985
- ☐ B. 26 January 1982
- ☒ C. 15 August 1983
- ☐ D. 1 April 1980

Q89 General Awareness

Who among the following had given the idea to mobilise all the leading Indian political leaders under a common platform called the Indian National Congress?

- ☐ A. Ananda Mohan Bose
- ☒ B. A O Hume
- ☐ C. Surendranath Bannerjee
- ☐ D. W C Bannerjee

Q90 General Awareness

In which of the following years did the Union Cabinet, chaired by the Prime Minister Shri Narendra Modi, approve the Revised Rashtriya Gokul Mission (RGM) to boost growth in the livestock sector?

- ☐ A. 2016
- ☒ B. 2025
- ☐ C. 2021
- ☐ D. 2019



Q91 General Awareness

Tourism is classified as a tertiary activity because it involves:

- A. extracting natural resources
- B. providing services to people ✓
- C. production of goods
- D. selling of machinery

Q92 General Awareness

On 22 May 2025, Israeli forces reportedly fired warning shots near a delegation of diplomats visiting which area, leading to international condemnation?

- A. West Bank ✓
- B. Sinai Peninsula
- C. Golan Heights
- D. Gaza Strip

Q93 General Awareness

What was the life expectancy in India in 1947?

- A. 38 years
- B. 31 years ✓
- C. 45 years
- D. 52 years

Q94 General Awareness

Which of the following statements about friction is correct?

- A. Both static and kinetic friction depend on the area of contact.
- B. Static friction opposes actual motion, while kinetic friction opposes impending motion.
- C. Kinetic friction is always greater than static friction.
- D. Static friction opposes impending motion and kinetic friction opposes actual motion. ✓

Q95 General Awareness

The Tenth Schedule of the Indian Constitution is related to the:

- A. protection of land reform laws
- B. recognition of languages
- C. disqualification on grounds of defection ✓
- D. distribution of seats in the Lok Sabha

Q96 General Awareness

Which of the following is an impact of river meandering in plains?

- A. Formation of rapids
- B. Formation of rift valleys
- C. Formation of waterfalls
- D. Formation of oxbow lakes ✓

Q97 General Awareness

Which of the following is an efficient way to organise files on a computer?

- A. Store all files in the Recycle Bin
- B. Rename all files with random characters
- C. Create different folders based on categories of files ✓
- D. Keep all files in the same folder

Q98 General Awareness

Who among the following was conferred with a Padma Bhushan Award 2025 in the field of (Posthumous) Affairs in April 2025?

- A. Dr. Duvvur Nageshwar Reddy
- B. Shri MT Vasudevan Nair
- C. Shri Nandamuri Balakrishna
- D. Shri Sushil Kumar Modi ✓

Q99 General Awareness

Which Indian AI startup launched Shuka 1.0, an open-source audio language model supporting 10 Indian languages, in August 2024?

- A. Sarvam AI ✓
- B. HealthifyMe
- C. Niramai
- D. Qure.ai

Q100 General Awareness

Gyaneshwar (1275 A.D.) holds a unique position in Marathi literature, primarily because he was:

- A. a compiler of ancient texts
- B. the first and foremost Bhakti poet ✓
- C. a renowned court historian
- D. a celebrated playwright



Mathematics

30 Questions • Answer Key

Q1 Mathematics

Which of the following numbers is divisible by 5?

- A. 71,32,954
- B. 61,75,753
- C. 65,67,359
- D. 70,48,030



Q2 Mathematics

M and N start a business. M invests ₹35,000 more than N for 7 months and N invests for 5 months. M's share is ₹372 more than that of N, out of a total profit of ₹1,860. Find the capital contributed by M.

- A. ₹5,25,000
- B. ₹5,35,000
- C. ₹6,25,000
- D. ₹6,00,000



Q3 Mathematics

Find the least number of square tiles required to completely cover a floor of dimensions 12.15 m by 11.34 m.

- A. 250
- B. 210
- C. 150
- D. 230



Q4 Mathematics

What is the median of the following data?

57, 96, 60, 91, 69, 50, 72, 16, 78, 73, 55

- A. 69.5
- B. 68.5
- C. 69
- D. 70



Q5 Mathematics

Find the area of a triangle whose base is 28 cm and corresponding altitude is 15 cm.

- A. 280 cm²
- B. 260 cm²
- C. 210 cm²
- D. 240 cm²



Q6 Mathematics

The marked price of a watch is ₹2,860. A man bought the watch for ₹2,390.96, after getting two successive discounts, one of which is 12%. What is rate of the other discount?

- A. 7%
- B. 5%
- C. 8%
- D. 6%



Q7 Mathematics

Sapna invested ₹22,400 on simple interest, partly at 13% per annum and partly at 3% per annum. If she earns equal interests from the two investments after 7 years, then find the sum invested at 13% per annum (in ₹).

- A. 4,197
- B. 4,198
- C. 4,203
- D. 4,200



Q8 Mathematics

2 years ago, the age of a father was 22 years more than twice his son's age. After how many years, from now, will he be twice his son's age?

- A. 16
- B. 20
- C. 21
- D. 17



Q9 Mathematics

In $\triangle ABC$, $BD \perp AC$ at D and $\angle DBC = 39^\circ$. E is a point on BC such that $\angle CAE = 16^\circ$. What is the measure of $\angle AEB$?

- A. 74°
- B. 66°
- C. 82°
- D. 67°

**Q10 Mathematics**

In an election between two candidates 80% of the registered voters cast their vote and 15% of the votes polled were found invalid. The winning candidate got 60% of the valid votes and won the election by a margin of 1394 votes. How many voters were registered?

- A. 10252
- B. 10251
- C. 10248
- D. 10250

**Q11 Mathematics**

An item is marked at ₹8,000. Two successive discounts of 10% and 15% are allowed. Find the equivalent single discount rate.

- A. 23.5%
- B. 22.5%
- C. 24.5%
- D. 25.5%

**Q12 Mathematics**

Aarti, Anil, and Naveen invest ₹1,110, ₹1,760, and ₹1,230 respectively to start a business. If the profit at the end of the year is ₹1,620, then what is the share of Naveen in the profit?

- A. ₹486
- B. ₹488
- C. ₹483
- D. ₹487

**Q13 Mathematics**

One-third of a journey is covered at a speed of 2 km/hr, the next one-third of the journey is covered at a speed of 87 km/hr and the remaining journey is covered at a speed of 53 km/hr. The average speed (in km/hr, rounded off to 1 decimal place) for the entire journey is:

- A. 8.3
- B. 2.7
- C. 5
- D. 5.7

**Q14 Mathematics**

The average runs scored by a batsman in 23 matches is 41. In the next 10 matches, the batsman scored an average of 15 runs. Find his average runs scored (rounded off to two decimal places) in all the 33 matches.

- A. 35.12
- B. 34.12
- C. 32.12
- D. 33.12

**Q15 Mathematics**

The sum of the squares of two consecutive even natural numbers is 2180. The sum of the numbers is:

- A. 66
- B. 74
- C. 82
- D. 72

**Q16 Mathematics**

I bought two speakers for ₹1,200. I sold the first one at a loss of 8% and the second at a gain of 22%. If, on the whole I made neither a loss nor a gain, find the cost price (in ₹) of the first speaker.

- A. 864
- B. 880
- C. 904
- D. 900

**Q17 Mathematics**

If the third proportional of 9 and 57 be x, then what is the value of x?

- A. 363
- B. 361
- C. 364
- D. 358



Q18 Mathematics

The number 814242541 is divisible by which of the following?

- A. 15
- B. 12
- C. 8
- D. 7

**Q19 Mathematics**

A number, when increased by 100%, gives 2790. The number is:

- A. 2790
- B. 697.5
- C. 1395
- D. 4185

**Q20 Mathematics**

A man driving a car at a speed of 84 km/hr crosses a bridge in 1.6 minutes. Find the length of the bridge.

- A. 2.24 km
- B. 1.81 km
- C. 1.82 km
- D. 2.46 km

**Q21 Mathematics**

By selling an article at $\frac{4}{14}$ of its actual selling price, Akash incurs a loss of 30%.

If he sells it at 54% of its actual selling price, then the profit percentage is:

- A. 32.3%
- B. 34.8%
- C. 33.8%
- D. 32.6%

**Q22 Mathematics**

Pipe A can fill a tank in 17 hours, pipe B can fill the same tank in 21 hours and pipe C can fill the same tank in 19 hours. The time taken by them to fill the same tank if they operate together is::

- A. $5\frac{309}{1079}$ hours
- B. $13\frac{309}{1079}$ hours
- C. $11\frac{309}{1079}$ hours
- D. $6\frac{309}{1079}$ hours



Q23 Mathematics

A cylindrical rod has an outer curved surface area of 1500 cm^2 . If the length of the rod is 68 cm, then the outer radius (in cm) of the rod, correct to two places of decimal, is:

(Take $\pi = \frac{22}{7}$)

A. 6.61

B. 3.51



C. 3.87

D. 3.69

Q24 Mathematics

The value of $\sqrt{196} + \sqrt{0.0324} - \sqrt{6.76} =$

A. 2.41

B. 6.44

C. 11.58



D. 4.64

Q25 Mathematics

Find the value of $5^{-23} \times 16^{-23} \times 21^{-23}$.

A. $\frac{1}{1726^{23}}$

B. $\frac{1}{1634^{23}}$

C. $\frac{1}{1680^{23}}$



D. $\frac{1}{1725^{23}}$

Q26 Mathematics

Simplify: $2\left(\left(\frac{3}{2}\right)x^2 - 25x + 14\right) - 3(x^2 + 4x - 13)$

A. $-62x - 67$

B. $-62x + 67$



C. $62x + 67$

D. $62x - 67$



Q27 Mathematics

Anjani can do a certain piece of work in 24 days. Anjani and Khushbu can together do the same work in 20 days, and Anjani, Khushbu and Sushmita can do the same work together in 8 days. In how many days can Anjani and Sushmita do the same work?

A. $\frac{54}{9}$

B. $\frac{61}{8}$

C. $\frac{60}{7}$ 

D. $\frac{57}{7}$

Q28 Mathematics

Evaluate: $\frac{\sin^2 40^\circ + \sin^2 50^\circ}{\cos^2 40^\circ + \cos^2 50^\circ} - \frac{\sec^2 50^\circ - \cot^2 40^\circ}{\cos^2 20^\circ + \cos^2 70^\circ}$

A. 0 

B. -1

C. -2

D. 2

Q29 Mathematics

The value of $\frac{5}{4} + \left(\frac{1}{1 + \frac{4}{7}} \right) - \frac{3}{4}$ is

A. $\frac{35}{12}$

B. $\frac{25}{22}$ 

C. $\frac{29}{32}$

D. $\frac{28}{19}$



Q30 Mathematics

A sum of ₹625 amounts to ₹841 in 2 years at a certain rate of interest per annum, compounded annually. The rate of interest per annum is:

A. 18%

B. 19%

C. 17%

D. 16%

**General Intelligence & Reasoning**

30 Questions • Answer Key

Q31 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. FL - PG

B. HN - RI

C. DJ - NE

D. BH - LD

**Q32 General Intelligence & Reasoning**

What should come in place of the question mark (?) in the given series?

76 , 87 , 101 , 118 , 138 , ?

A. 164

B. 159

C. 161



D. 162

Q33 General Intelligence & Reasoning

Seven boxes C, D, E, M, N, O and P are kept one over the other but not necessarily in the same order. Only D is kept above N. Only two boxes are kept between N and O. Only P is kept below C. E is not kept immediately above O.

How many boxes are kept between M and P?

A. Three

B. One

C. Two



D. Four

Q34 General Intelligence & Reasoning

H, I, J, P, Q, R and S are sitting around a circular table facing the centre of the table. I is an immediate neighbour of both Q and H. H sits third to the left of P. R sits to the immediate left of P. J is not an immediate neighbour of H. Who sits third to the left of S?

A. P

B. Q



C. H

D. J

Q35 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. SL-NQ

B. VO-QT

C. TM-OS



D. XQ-SV

Q36 General Intelligence & Reasoning

In a certain code language, 'WIRE' is coded as '4726' and 'EAST' is coded as '5173'. What is the code for 'E' in the given code language?

A. 3

B. 7



C. 6

D. 5



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Q37 General Intelligence & Reasoning

In a row of people all facing North, Navya is 12th from the left end. Uma is 19th from the left end. Uma is exactly between Navya and Dilip. If Dilip is 13th from the right end of the line, how many people are there in the row?

A. 34

B. 38



C. 35

D. 37

Q38 General Intelligence & Reasoning

Select the triad that follows the same pattern as that followed by the two triads given below. Both triads follow the same pattern.

MT-OV-QS

OV-QX-SU

A. HO-JQ-LM

B. GO-JQ-LM

C. GO-IQ-LM

D. HO-JQ-LN

**Q39 General Intelligence & Reasoning**

A is the sister of H. H is the father of E. E is the son of N. M is the mother of N. How is A related to N?

A. Daughter's husband's sister

B. Daughter's husband's mother

C. Husband's mother

D. Husband's sister

**Q40 General Intelligence & Reasoning**

Rajesh, Heera, Neetu, Santosh, Pooja and Arti are sitting around a circle, facing the centre. Rajesh sits second to the left of Arti. Arti sits third to the right of Pooja. Neetu sits second to the left of Santosh. Who sits to the immediate right of Santosh?

A. Pooja

B. Heera



C. Arti

D. Rajesh

Q41 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series?

1500, 3005, 6015, 12035, 24075, ?

A. 48015

B. 48155



C. 48105

D. 48200

Q42 General Intelligence & Reasoning

What will come in place of the question mark (?) in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged?

$28 + 42 \times 2 - 4 \div 3 = ?$

A. 19



B. 37

C. 31

D. 24

Q43 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series based on the English alphabetical order?

YTQ UPM QLI MHE ?

A. IEA

B. IDB

C. IDA



D. IEB

Q44 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series?

35 50 70 95 125 ?

A. 170

B. 175

C. 160



D. 165



Q45 General Intelligence & Reasoning

In a certain code language, 'FATE' is coded as '2357' and 'TURN' is coded as '4126'. What is the code for 'T' in that language?

A. 5

B. 4

C. 2



D. 6

Q46 General Intelligence & Reasoning

Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) @ 7 8 % * Ω 2 1 # 4 3 0 π 9 μ 7 8 Ω # 9 β (Right)

How many such symbols are there, which are immediately preceded by an odd number and also immediately followed by an even number?

A. Three

B. Four

C. One



D. None

Q47 General Intelligence & Reasoning

If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 7431856, which of the following digits will be second from the right in the new number thus formed?

A. 8

B. 4

C. 6



D. 2

Q48 General Intelligence & Reasoning

Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.

(NOTE: All numbers are single digit numbers only.)

(Left) 1 \$ 2 6 7 3 * & 4 β μ 2 5 % 9 0 2 3 6 # @ 8 (Right)

If all the symbols are dropped from the series, which of the following numbers will be the fifth from the left?

A. 4

B. 3



C. 2

D. 1

Q49 General Intelligence & Reasoning

If 2 is added to each odd digit and 1 is subtracted from each even digit in the number 3851764, what will be the sum of the digits which are third from the left and third from the right in the new number thus formed?

A. 10

B. 16



C. 7

D. 8

Q50 General Intelligence & Reasoning

Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding to/subtracting from/multiplying with 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(2, 49, 15)

(29, 112, 18)

A. (11, 63, 15)

B. (30, 75, 5)



C. (28, 106, 18)

D. (39, 134, 20)

Q51 General Intelligence & Reasoning

Gyamel starts from Point A and drives 20 km towards West. He then takes a left turn, drives 18 km, turns left and drives 23 km. He then takes a left turn and drives 25 km. He takes a final left turn, drives 3 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90° turns only unless specified.)

A. 4 km to the South

B. 6 km to the North

C. 7 km to the South



D. 5 km to the West

Q52 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series based on the English alphabetical order?

KPV RWC YDJ FKQ ?

A. MXR

B. MUY

C. MYU

D. MRX



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Q53 General Intelligence & Reasoning

If 3 is added to each odd digit and 1 is subtracted from each even digit in the number 6243514, how many digits will appear more than once in the new number thus formed?

A. Three

B. Two

C. None

D. One

**Q54 General Intelligence & Reasoning**

In the following triad, each group of letters is related to the subsequent one following a certain logic. Select from the given options, the one that follows the same logic.

MARK - MKRA - KRAM

PLAY - PYAL - YALP

A. BUSH - BHSU - HSUB



B. TRAY - TRYA - RAYT

C. GATE - GTAE - ETAG

D. FIRE - IFRE - EIRF

Q55 General Intelligence & Reasoning

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

Some pepper are spicy.

All spicy are chilly.

Conclusions:

(I): Some pepper are chilly.

(II): All chilly are spicy.

A. Only conclusion (I) follows.



B. Neither conclusion (I) nor (II) follows.

C. Only conclusion (II) follows.

D. Both conclusions (I) and (II) follow.

Q56 General Intelligence & Reasoning

Read the given statement(s) and conclusions carefully. Assuming that the information given in the statement(s) is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statement(s).

Statements:

Some trucks are cars.

Some cars are bottles.

Conclusions:

(I) Some trucks are bottles.

(II) All bottles are cars.

A. Neither conclusion (I) nor (II) follows.



B. Only conclusion (II) follows.

C. Only conclusion (I) follows.

D. Both conclusions (I) and (II) follow.

Q57 General Intelligence & Reasoning

Darshan starts from Point Y and drives 6 km towards west. He then takes a right turn and drives 8 km. He then turns right and drives 11 km. He takes a final right turn, drives 8 km and stops at Point Z. How far (shortest distance) and towards which direction should he drive in order to reach Point Y again? (All turns are 90-degree turns only, unless specified.)

A. 6 km towards south

B. 4 km towards north

C. 5 km towards west



D. 4 km towards east

Q58 General Intelligence & Reasoning

In the following triad, each group of letters is related to the subsequent one following a certain logic. Select from the given options, the one which follows the same logic.

GAIN - AIGN - NIAG

SINE - INSE - ENIS

A. GAME - AMGE - AMEG

B. MONK - OMNK - KONM

C. RICE - ICRE - ECIR



D. SEAT - SAET - TAES



Q59 General Intelligence & Reasoning

All 30 students in a class are standing in a row facing north. Alok is 12th from the right end while Aman is 16th from the left end. How many students stand between Alok and Aman?

A. 2



B. 4

C. 5

D. 3

Q60 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. GKF



B. PTN

C. MQK

D. JNH

General Awareness

40 Questions • Answer Key

Q61 General Awareness

In which Indian city was the First International Research Conference on Pension (IRCP) inaugurated in April 2025?

A. Kerala

B. Mumbai

C. Uttar Pradesh

D. New Delhi

**Q62 General Awareness**

On 23 April 2025, the Indian Government announced the suspension of which treaty/agreement with Pakistan citing national security concerns?

A. Simla Agreement

B. Indus Waters Treaty



C. Non-Nuclear Aggression Agreement

D. Tashkent Declaration

Q63 General Awareness

In 1995, physicists Eric Cornell and Carl Wieman created the first Bose-Einstein condensate (BEC) using which isotope?

A. Sodium-23

B. Thorium-232

C. Rubidium-87



D. Caesium-133

Q64 General Awareness

The Stockholm Convention on Persistent Organic Pollutants was adopted at a Conference of Plenipotentiaries in which year?

A. 2001



B. 2002

C. 2003

D. 2000

Q65 General Awareness

What is the primary reason for overexploitation of groundwater in Punjab and Haryana?

A. Government restrictions on surface water use

B. Cultivation of water-intensive crops like paddy



C. Presence of sandy soils with poor water retention

D. Excessive use of water for domestic consumption

Q66 General Awareness

How can you access menus in the menu bar in Windows?

A. Press Ctrl + M to open the menu.

B. Right-click on the title bar to open the menu bar.

C. Press Alt and the letter underlined in the menu title to access a menu.



D. Press F5 to open the menu bar.

Q67 General Awareness

JD Vance was sworn in as the _____ Vice President of the United States in 2025.

A. 50th



B. 48th

C. 51st

D. 49th



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Q68 General Awareness

Which drainage pattern resembles the branches of a tree and is common in rivers of the northern plains?

- A. Trellis
- B. Dendritic
- C. Centripetal
- D. Radial

Q69 General Awareness

Which department, headed by Dabir-i-Khas, handled royal correspondence and official communication during the Delhi Sultanate?

- A. Diwan-i-Arz
- B. Diwan-i-Insha
- C. Barid-i-Mumalik
- D. Diwan-i-Riyasat

Q70 General Awareness

What key emotion did the Extremists aim to arouse in people against British colonial rule?

- A. Sympathy
- B. Loyalty
- C. Fear
- D. Indignation

Q71 General Awareness

Why is an alloy considered a mixture even though it cannot be separated by physical methods?

- A. It shows the properties of its constituents and can have variable composition.
- B. It contains only one type of element in vapor form.
- C. It is formed only by non-metals.
- D. Alloys are always magnetic because they contain metals with a fixed composition.

Q72 General Awareness

In which of the following years were the Montagu–Chelmsford Reforms introduced by the British Government in India to gradually establish self-governing institutions?

- A. 1944
- B. 1923
- C. 1931
- D. 1919

Q73 General Awareness

What is the name of the medical instrument used to listen to internal body sounds, especially from the heart and lungs?

- A. Stethoscope
- B. Colonoscope
- C. Endoscope
- D. Barometer

Q74 General Awareness

The National eCourts Project, launched by the Department of Justice, is primarily aimed at:

- A. establishing a nationwide telecom system for police
- B. creating new Central Administrative Tribunals
- C. digitising and upgrading district and subordinate courts
- D. building new court complexes in rural areas

Q75 General Awareness

Which eminent violinist from Karnataka was awarded the Padma Vibhushan in 2025 for his outstanding contributions to Indian classical music?

- A. Lakshminarayana Subramaniam
- B. Anant Nag
- C. Gangubai Hangal
- D. Ricky Kej

Q76 General Awareness

When was the National Rural Health Mission (NRHM) launched by the Government of India?

- A. 12 April 2005
- B. 26 January 2006
- C. 12 April 2004
- D. 8 March 2004

Q77 General Awareness

The Dutch East India Company established its first factory in India in _____.

- A. Calicut
- B. Pondicherry
- C. Petapuli
- D. Goa



Q78 General Awareness

When was the Monetary Policy Framework Agreement (MPFA) signed between the Government of India and the Reserve Bank?

- A. 14 August 2010
- B. 20 February 2015
- C. 20 April 2018
- D. 8 December 2007

Q79 General Awareness

Which of the following Buddhist texts is often called the 'Gita of Buddhism' for its importance and teachings?

- A. Dhammapada
- B. Mahayana Sutra
- C. Saddharmapundarika Sūtra
- D. Vamsathapakasini

Q80 General Awareness

Which Indian institute introduced two new BTech programs in Computational Engineering and Mechanics and Instrumentation and Biomedical Engineering, starting from the academic year 2025-26?

- A. Indian Institute of Technology Madras
- B. Indian Institute of Technology Kanpur
- C. Indian Institute of Technology Bombay
- D. Indian Institute of Technology Kharagpur

Q81 General Awareness

Which of the following projects is designed to provide irrigation to Rajasthan's desert areas?

- A. Indira Gandhi Canal
- B. Chambal Project
- C. Kosi Project
- D. Hirakud Project

Q82 General Awareness

Which of the following Indian naval platforms took part in the Indo-Oman naval exercise Naseem-Al-Bahr held in October 2024?

- A. INS Trikand and Dornier Maritime Patrol Aircraft
- B. INS Vikrant and MiG-29K fighter jets
- C. INS Kolkata and Sea Guardian drone
- D. INS Shivalik and P-8I aircraft

Q83 General Awareness

The Vardhan dynasty, was also known by which of the following names?

- A. Pushyabhuti dynasty
- B. Gupta dynasty
- C. Nanda dynasty
- D. Maurya dynasty

Q84 General Awareness

In most software applications, what does Ctrl + S do if pressed multiple times?

- A. Reverts the document
- B. Saves a new copy each time
- C. Updates the saved file without creating a new one
- D. Deletes the previous version

Q85 General Awareness

Which Article of the Constitution states, 'no person shall be deprived of his property save by authority of law'?

- A. Article 368
- B. Article 300A
- C. Article 2
- D. Article 111

Q86 General Awareness

India has been a World Trade Organization (WTO) member since ____.

- A. 1990
- B. 1995
- C. 2000
- D. 2005

Q87 General Awareness

As per the first Panchayat Advancement Index (PAI) report released in April 2025, which two states are leading with the highest number of "front runner" panchayats?

- A. Meghalaya and Nagaland
- B. Gujarat and Telangana
- C. Assam and West Bengal
- D. Chhattisgarh and Uttar Pradesh



Q88 General Awareness

Which of the following correctly describes a key function of Subordinate Courts in India?

A. Resolve civil and criminal disputes at the district level ✓

B. Interpret international treaties

C. Review decisions of High Courts

D. Draft laws for the State

Q89 General Awareness

Which of the following states introduced India's first AI Powered Real Time Forest alert system in May 2025?

A. Tamil Nadu

B. Karnataka

C. Madhya Pradesh ✓

D. Jharkhand

Q90 General Awareness

The western cyclonic disturbances that enter the Indian subcontinent from the west and the northwest during the winter months originate from which of the following regions?

A. North Atlantic Ocean

B. Baltic Sea

C. Mediterranean Sea ✓

D. Black Sea

Q91 General Awareness

In 2025, which region in India witnessed Kuki groups demanding the maintenance of buffer zones to manage ethnic tensions?

A. Manipur ✓

B. Nagaland

C. Mizoram

D. Assam

Q92 General Awareness

In which of the following cities was the Army Commanders Conference held in April 2025?

A. Pune

B. Chandigarh

C. Jodhpur

D. New Delhi ✓

Q93 General Awareness

What is the correct order of arrival of seismic waves at a seismograph after an earthquake?

A. P-waves, S-waves, surface waves ✓

B. P-waves, surface waves, S-waves

C. S-waves, P-waves, surface waves

D. Surface waves, P-waves, S-waves

Q94 General Awareness

Which platform provides online learning for civil servants under Mission Karmayogi in India?

A. SWAYAM

B. iGOT Karmayogi ✓

C. ePathshala

D. NISG Portal

Q95 General Awareness

In 2025, who became the youngest Indian to summit Mt. Everest and to complete the Seven Summits challenge?

A. Malavath Purna

B. Krushnaa Patil

C. Arjun Vajpai

D. Vishwanath Padakanti ✓

Q96 General Awareness

Which Chandela ruler is credited with the construction of the Kandariya Mahadev Temple situated in Khajuraho, Madhya Pradesh, India?

A. Vidyadhara ✓

B. Dhanga

C. Yashovarman

D. Kirttivarman

Q97 General Awareness

What declaration was made at the 2025 Global Media Dialogue on media ethics and AI?

A. AI-TRUST Code

B. TRUTH Pact

C. NEUTRALITY Charter

D. WAVES Declaration ✓



Q98 General Awareness

Which Fundamental Right protects citizens from being forced into labour or human trafficking?

- A. Right to Equality
- B. Right to Freedom
- C. Right to Constitutional Remedies
- D. Right against Exploitation



Q99 General Awareness

Who took charge as the Vice Chief of the Air Staff of the Indian Air Force on 2 May 2025?

- A. Air Marshal Rakesh Kumar Singh Bhadauria
- B. Air Marshal Narmadeshwar Tiwari
- C. Air Marshal SP Dharkar
- D. Air Marshal Anil Chopra



Q100 General Awareness

India's highway network is one of the largest in the world. Which scheme focuses on the development of highways, particularly in economic corridors?

- A. PM Gram Sadak Yojana
- B. Sagarmala
- C. BharatNet
- D. Bharatmala Pariyojana



Mathematics

30 Questions • Answer Key

Q1 Mathematics

Find the simple interest (in ₹) on ₹1,200 at an interest rate of 4% per month for 12 months.

A. ₹576

B. ₹48 ✓

C. ₹96

D. ₹68

Q2 Mathematics

4 men can complete a piece of work in 10 days, while 3 women can do it in 16 days. In how many days can 6 women and 5 men complete this work?

A. 3 days

B. 5 days

C. 4 days ✓

D. 6 days

Q3 Mathematics

If the third proportional of 16 and 40 be x , then what is the value of x ?

A. 100 ✓

B. 99

C. 102

D. 101

Q4 Mathematics

A, B and C invested a sum in the ratio of 8 : 36 : 76, respectively. If they earned a total profit of ₹3,030 at the end of the year, what is the difference between the shares of B and C?

A. ₹1,046

B. ₹1,010 ✓

C. ₹993

D. ₹1,051

Q5 Mathematics

The value of $\sqrt{1.0201}$ is _____.

A. 10.1

B. 101

C. 1.02

D. 1.01 ✓

Q6 Mathematics

Find the value of $[135 \div \{25 + 5 \times (7 - 3)\}]$.

A. 2

B. 4

C. 3 ✓

D. 5

Q7 Mathematics

37 light bulbs were purchased for ₹37, and 19 light bulbs broke in transit. The trader sold the remaining light bulbs at ₹3.90 each. Find his profit.

A. ₹39.80

B. ₹33.90

C. ₹33.20 ✓

D. ₹23.60

Q8 Mathematics

The number of prime numbers lying between 393 and 401, both included, is:

A. 3

B. 1

C. 7

D. 2 ✓

Q9 Mathematics

The LCM of the numbers 4.7 and 0.04 is:

A. 0.094

B. 0.94

C. 9.4 ✓

D. 94



Q10 Mathematics

A man walks to a viewpoint and returns to the starting point by his car maintaining a constant speed and thus, takes a total time of 4 hours 45 minutes. He would have gained 2 hours by driving both ways. How long would it have taken for him to walk both ways with the same walking speed?

- A. 7 hours 15 minutes
- B. 6 hours 30 minutes
- C. 6 hours 45 minutes ✓
- D. 5 hours 45 minutes

Q11 Mathematics

The number 541096943 is divisible by which of the following?

- A. 103
- B. 97 ✓
- C. 87
- D. 107

Q12 Mathematics

Which of the following numbers divides 718754023?

- A. 21
- B. 3
- C. 18
- D. 13 ✓

Q13 Mathematics

Zeeshan travels 612 km at 68 km/hr, the next 312 km at 39 km/hr and the next 620 km at 62 km/hr. What is his average speed (in km/hr) for the whole journey? (Round off your answer to two decimal places)

- A. 66.13
- B. 58.22
- C. 51.18
- D. 57.19 ✓

Q14 Mathematics

Find the area of a triangle whose sides are 9 cm, 12 cm, and 15 cm.

- A. 42 cm²
- B. 54 cm² ✓
- C. 60 cm²
- D. 48 cm²

Q15 Mathematics

The product of two consecutive natural numbers is 462. The greater of the two numbers is:

- A. 23
- B. 22 ✓
- C. 24
- D. 21

Q16 Mathematics

Salil's salary was first reduced by 25% and subsequently raised by 12%. What percentage was his final salary lower than his initial salary?

- A. 25%
- B. 12%
- C. 16% ✓
- D. 3%

Q17 Mathematics

The average price of three items of furniture is ₹5,300. If their prices are in the ratio 3 : 5 : 7, the price of the cheapest item (in ₹) is:

- A. 3,180 ✓
- B. 5,300
- C. 1,060
- D. 7,420

Q18 Mathematics

A vendor claims to sell wheat at a loss of 20%, but he cheats by using weights that are 35% less than the stated weight. What is his actual profit percentage (round off to two decimal places)?

- A. 24.74%
- B. 21.33%
- C. 23.08% ✓
- D. 24.72%

Q19 Mathematics

Three times the present age of P exceeds the present age of Q by 23 years. After 7 years, six times Q's age will be 30 years less than six times P's age at that time. What is the present age (in years) of Q?

- A. 11
- B. 3
- C. 4 ✓
- D. 8



Q20 Mathematics

In $\triangle ABC$, $BD \perp AC$ at D and $\angle DBC = 44^\circ$. E is a point on BC such that $\angle CAE = 23^\circ$. What is the measure of $\angle AEB$?

A. 69°



B. 77°

C. 64°

D. 56°

Q21 Mathematics

₹30,600 was divided among A, B and C such that 8 times the share of A = 4 times the share of B = 3 times the share of C. Find the share of A.

A. ₹5,377

B. ₹5,594

C. ₹5,400



D. ₹5,252

Q22 Mathematics

The average runs scored by a batsman in 23 matches is 43. In the next 10 matches, the batsman scored an average of 14 runs. Find his average runs scored (rounded off to two decimal places) in all the 33 matches.

A. 35.21

B. 34.21



C. 36.21

D. 33.21

Q23 Mathematics

Find the simple interest (in ₹) on ₹4,000 at 7.5% per annum rate of interest deposited on 8 February 2024 and withdrawn on 9 April 2024.

A. 48

B. 51

C. 50



D. 49

Q24 Mathematics

An article marked at ₹500 is sold for ₹425. What is the percentage discount?

A. 15%



B. 14%

C. 12%

D. 13%

Q25 Mathematics

An article is marked at ₹1,500 and sold for ₹1,200. Find the percentage discount.

A. 25%

B. 20%



C. 30%

D. 15%

Q26 Mathematics

If the radius of the base of a right circular cylinder is decreased by 18% and its height is increased by 141%, then what is the percentage increase (closest integer) in its volume?

A. 74%

B. 43%

C. 62%



D. 92%



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Q27 Mathematics

Pipe A can fill a tank in 15 hours, pipe B can fill the same tank in 27 hours and pipe C can fill the same tank in 10 hours. The time taken by them to fill the same tank if they operate together is::

A. $4\frac{10}{11}$ hours



B. $9\frac{10}{11}$ hours

C. $8\frac{10}{11}$ hours

D. $12\frac{10}{11}$ hours

Q28 Mathematics

Simplify: $2\left(\left(\frac{6}{2}\right)x^2 - 22x + 15\right) - 6(x^2 + 5x - 18)$

A. $-74x + 138$



B. $-74x - 138$

C. $74x + 138$

D. $74x - 138$

Q29 Mathematics

Aditya is standing on a light house of 150 m height and watching two boats on either side with angles of depression of 30° and 60° , respectively. Find the distance between the two boats.

A. $200\sqrt{3}$ m



B. 250 m

C. $150\sqrt{3}$ m

D. 300 m

Q30 Mathematics

By how much is 65% of 65 greater than $\frac{2}{5}$ of 25?

A. 29.25

B. 30.25

C. 32.25



D. 26.25



Q31 General Intelligence & Reasoning

Pranay ranked 14th from the top and 44th from the bottom in his class. How many students are there in his class?

- A. 55
- B. 58
- C. 56
- D. 57

**Q32** General Intelligence & Reasoning

HDLI is related to FBJG in a certain way based on the English alphabetical order. In the same way, KGOL is related to IEMJ. To which of the given options is NJRO related, following the same logic?

- A. HLPM
- B. HLMP
- C. LHMP
- D. LHPM

**Q33** General Intelligence & Reasoning

What should come in place of the question mark (?) in the following series?

2 6 12 20 ?

- A. 30
- B. 35
- C. 40
- D. 25

**Q34** General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series?

108 122 139 159 182 208 ?

- A. 237
- B. 222
- C. 248
- D. 229

**Q35** General Intelligence & Reasoning

Seven people, G, H, I, J, K, L and S, are sitting around a circular table facing the centre of the table. I sits third to the left of J. Only two people sit between J and G. Only three people sit between I and L. K sits to the immediate left of H. How many people sit between K and S when counted from the right of S?

- A. Three
- B. One
- C. Four
- D. Two

**Q36** General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series?

91, 102, 119, 142, 171, ?

- A. 214
- B. 215
- C. 206
- D. 204

**Q37** General Intelligence & Reasoning

Seven boxes U, V, W, X, E, F and G are kept one over the other but not necessarily in the same order. U is kept immediately above V. X is kept immediately above W. Only E is kept above G. Only two boxes are kept above U. X is not kept at the third position from the bottom. How many boxes are kept between F and E?

- A. Four
- B. One
- C. Three
- D. Two

**Q38** General Intelligence & Reasoning

Seven boxes A, B, C, D, E, F and G are kept one over the other but not necessarily in the same order. G is kept immediately above F. C is kept immediately above A. Only E is kept above B. Only two boxes are kept above G. C is not kept at the third position from the bottom. How many boxes are kept above B?

- A. 4
- B. 3
- C. 2
- D. 1



Q39 General Intelligence & Reasoning

Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(Note: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g., 13 – Operations on 13 such as adding/subtracting/multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(19, 31, 55)
(14, 26, 50)

A. (15, 30, 45)

B. (13, 26, 43)

C. (18, 32, 54)

D. (48, 60, 84)

**Q40 General Intelligence & Reasoning**

This question is based on the five, three-digit numbers given below.

(Left) 629 189 586 643 746 (Right)

(Example- 697 – First digit = 6, second digit = 9 and third digit = 7)

(NOTE: All operations to be done from left to right.)

If 2 is added to the first digit of every number, in how many numbers thus formed will the first digit be exactly divisible by the second digit?

A. Three

B. Two



C. One

D. None

Q41 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group? (Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. CGLS

B. LPUB

C. QUZG

D. BEKR

**Q42 General Intelligence & Reasoning**

Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group? (Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. NSL



B. QVP

C. LQK

D. SXR

Q43 General Intelligence & Reasoning

In a certain code language, 'BORN' is coded as '3257' and 'RIPE' is coded as '6142'. What is the code for 'R' in the given code language?

A. 2



B. 5

C. 6

D. 4

Q44 General Intelligence & Reasoning

Each of the digits in the number 7314685 is arranged in ascending order from left to right. What will be the sum of the digits that are third from the left and third from the right in the new number thus formed?

A. 10



B. 7

C. 6

D. 9

Q45 General Intelligence & Reasoning

Each of the digits in the number 5341289 is arranged in ascending order from left to right. The position(s) of how many digits will remain unchanged as compared to that in the original number?

A. One

B. Two



C. None

D. Three



Q46 General Intelligence & Reasoning

Divesh starts from point D and runs 3 km towards south. He then takes a right turn and runs 4 km. He then takes a left turn and runs 3 km. He takes another left turn and runs 4 km. He takes a final right turn and runs 1 km to reach point E. How far (shortest distance) and towards which direction should he run in order to reach point D again? (All turns are 90-degree turns only unless otherwise specified.)

- A. 3 km north
- B. 4 km north
- C. 6 km north
- D. 7 km north**

Q47 General Intelligence & Reasoning

Gautam starts from Point A and drives 9 km towards south. He then takes a right turn, drives 4 km, turns right and drives 11 km. He then takes a right turn and drives 6 km. He takes a final right turn, drives 2 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90° turns only unless specified.)

- A. 2 km to west**
- B. 3 km to west
- C. 3 km to east
- D. 2 km to east

Q48 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series based on the English alphabetical order?

WRM RMH MHC HCX ?

- A. CDX
- B. CXD
- C. CSX
- D. CXS**

Q49 General Intelligence & Reasoning

If '+' means 'subtraction', '-' means 'multiplication', 'x' means 'division' and '÷' means 'addition', then what will come in place of the question mark (?) in the following equation?

$$64 \times 8 + 6 - 6 \div 33 = ?$$

- A. 20
- B. 5**
- C. 10
- D. 15

Q50 General Intelligence & Reasoning

Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

ZY 43 VU 40 RQ 35 NM 28 ?

- A. KJ 19
- B. JI 19**
- C. JI 18
- D. KJ 18

Q51 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which is the letter-cluster pair that DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

- A. EY-GZ
- B. YS-AT
- C. KE-MF
- D. PJ-RI**

Q52 General Intelligence & Reasoning

Seven people, I, J, K, L, P, Q and R, are sitting in a row, facing north. Only two people sit to the left of K. Only three people sit between K and L. Only one person sits between L and J. P sits to the immediate left of I. Q is not an immediate neighbour of L. How many people sit to the right of R?

- A. Two
- B. Four
- C. Three
- D. One**

Q53 General Intelligence & Reasoning

If + means -, - means x, x means ÷ and ÷ means +, then what will come in place of the question mark (?) in the following equation?

$$75 \times 5 + 11 - 2 \div 18 = ?$$

- A. 26
- B. 21
- C. 11**
- D. 17



Q54 General Intelligence & Reasoning

In a certain code language, 'CAME' is coded as '6781' and 'RACE' is coded as '5618'. What is the code for 'R' in the given code language?

A. 5



B. 8

C. 1

D. 6

Q55 General Intelligence & Reasoning

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.

Statements:

All triangles are compasses.

All squares are compasses.

Conclusions:

(I) Some triangles are squares.

(II) Some compasses are squares.

A. Only conclusion (II) follows.



B. Neither conclusion (I) nor (II) follows.

C. Both conclusions (I) and (II) follow.

D. Only conclusion (I) follows.

Q56 General Intelligence & Reasoning

Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) @ + 1 < 9 6 9 2 % \ \$ \ + 2 & \$ 3 2 ^ 9 9 (Right)

How many such numbers are there that are immediately preceded by a symbol and immediately followed by another number?

A. One

B. Three



C. Four

D. Two

Q57 General Intelligence & Reasoning

A is the brother of S. S is the daughter of L. L is married to K. K is the daughter of D. D is the father of P. P is the sister of R. R is married to N. How is D related to S?

A. Father's father

B. Father

C. Mother's father



D. Father's brother

Q58 General Intelligence & Reasoning

In the following triads, each group of letters is related to the subsequent one following a certain logic. Select from the given options, the one which follows the same logic.

LIVE – ELVI – LEIV

HANG – GHNA – HGAN

A. REDS – ERDS – SEDR

B. PAIN – NPJA – PANI

C. PORT – TPOR – ORTP

D. DUSK – KDSU – DKUS

**Q59 General Intelligence & Reasoning**

Read the given statement(s) and conclusions carefully. Assuming that the information given in the statement(s) is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statement(s).

Statements:

All buckets are mugs.

All mugs are cans.

Conclusions:

(I) Some cans are mugs.

(II) All buckets are cans.

A. Only conclusion (I) follows.

B. Only conclusion (II) follows.

C. Neither conclusion (I) nor (II) follows.

D. Both conclusions (I) and (II) follow.

**Q60 General Intelligence & Reasoning**

Select the pair that follows the same pattern as that followed by the two pairs given below. Both pairs follow the same pattern.

ERT : FSV

RDX : SEZ

A. IOP : JPS

B. EOC : FPF

C. UHS : VIU



D. DUC : EVD



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Q61 General Awareness

Which international agreement was signed to control emissions of ozone-depleting substances?

- A. Kyoto Protocol
- B. Basel Convention
- C. Earth Summit
- D. Montreal Protocol

**Q62 General Awareness**

The Acheulian cultural tradition is primarily identified with which types of advanced and symmetrical stone tools?

- A. Microliths and scrapers
- B. Blades and borers
- C. Chisels and adzes
- D. Cleavers and hand-axes

**Q63 General Awareness**

Which of the following schemes aims to skill rural youth who are poor and provide them with jobs having regular monthly wages or above the minimum wages?

- A. Garib Kalyan Rozgar Yojana (GKRY)
- B. Deen Dayal Upadhyaya Grameen Kaushalya Yojana (DDU-GKY)
- C. Pradhan Mantri Kaushal Vikas Yojana (PMKVY)
- D. Prime Minister Employment Generation Programme (PMEGP)

**Q64 General Awareness**

Which Indian para-athlete was honoured with the Major Dhyan Chand Khel Ratna Award in 2025 for his achievements in high jump?

- A. Sharad Kumar
- B. Mariyappan Thangavelu
- C. Praveen Kumar
- D. Varun Singh Bhati

**Q65 General Awareness**

What can be the shape of the trajectory of a charged particle moving in a uniform magnetic field?

- A. Parabolic path
- B. Elliptical path
- C. Helical path
- D. Hyperbolic path

**Q66 General Awareness**

Which of the following Articles of the Indian Constitution is commonly cited as forming the constitutional basis for Judicial Review?

- A. Article 370
- B. Article 19
- C. Article 30
- D. Article 13

**Q67 General Awareness**

Which institution played a key role in influencing the structural reforms of the industrial sector in India post 1991?

- A. NABARD
- B. WTO
- C. IMF and World Bank
- D. RBI

**Q68 General Awareness**

Which of the following minerals is known for its insulating properties and is used in electrical industries?

- A. Bauxite
- B. Mica
- C. Limestone
- D. Iron ore

**Q69 General Awareness**

Which of the following is an example of social legislation introduced by the British during the colonial period in India?

- A. The Rowlatt Act
- B. The Indian Councils Act
- C. The Vernacular Press Act
- D. The Widow Remarriage Act

**Q70 General Awareness**

What is required when creating a file or folder?

- A. A password
- B. An email ID
- C. A desktop shortcut
- D. A name



Q71 General Awareness

Who among the following launched the Nationwide Mass Drug Administration Campaign for Lymphatic Filariasis?

- A. Shivraj Singh Chauhan
- B. Amit Shah
- C. Jagat Prakash Nadda
- D. Chirag Paswan

Q72 General Awareness

What does 'dyarchy' mean in the context of the 1919 Act?

- A. Centralised governance
- B. Dual monarchy system
- C. Dual control in provinces
- D. Power to the judiciary and legislature

Q73 General Awareness

What is the main feature of the 106th Constitutional Amendment Act, 2023?

- A. Reservation of one-third seats for women in legislatures
- B. Provision of legal status to Right to Property
- C. Abolishment of titles
- D. Set up of the Lokpal

Q74 General Awareness

Which of the following exercises was conducted by the Indian Air Force (IAF) in April 2025 to simulate attacks on mountain and ground targets using advanced fighter jets like Rafale and Su-30MKI?

- A. Aakraman
- B. Vayu Shakti
- C. Meghdoot
- D. Gagan Shakti

Q75 General Awareness

Which of the following colonial-era buildings in Chennai serves as the headquarters of the Greater Chennai Corporation?

- A. Ripon Building
- B. High Court
- C. Government Museum
- D. Fort St. George

Q76 General Awareness

What is a special feature of the new 'Agni-Prime' missile tested by India in March 2025?

- A. Cryogenic engine
- B. Hits many targets
- C. Canister launch and new materials
- D. Launched from submarines

Q77 General Awareness

The Human Genome Project, launched in 1990, had the goal of determining the sequence of how many billion base pairs that make up human DNA?

- A. 5.2 billion
- B. 2.1 billion
- C. 3.0 billion
- D. 4.3 billion

Q78 General Awareness

Which physical factor most influences the formation of dispersed settlements in hilly and forested regions of India?

- A. Altitude and terrain
- B. Language diversity
- C. Railway networks
- D. Industrial development

Q79 General Awareness

In which state did the DRDO successfully conduct the first flight test of its indigenous Stratospheric Airship Platform (SAP) on 3 May 2025?

- A. Rajasthan
- B. Odisha
- C. Madhya Pradesh
- D. Gujarat

Q80 General Awareness

Under the Fifth Schedule, which primary authority is granted to the Governor of a State regarding Scheduled Areas?

- A. Authority to appoint Members of Parliament from Scheduled Areas
- B. Power to dissolve the State Legislative Assembly
- C. Power to regulate land, forests and social customs in Scheduled Areas
- D. Power to amend the Constitution regarding Schedule amendments



Q81 General Awareness

The M23 rebel group, which has recently advanced in eastern regions such as Goma and Bukavu, is active in which of the following countries?

A. Democratic Republic of Congo ✓

B. Republic of Congo

C. Central African Republic

D. South Sudan

Q82 General Awareness

The Western Ghats and the northeastern hills of India are primarily covered with which type of natural vegetation?

A. Tropical Deciduous Forests

B. Tropical Evergreen Forests ✓

C. Montane Forests

D. Tropical Thorn Forests

Q83 General Awareness

Who among the following is the founder of the Pala dynasty?

A. Gopala ✓

B. Bhoja

C. Dhruva

D. Dharmapala

Q84 General Awareness

Rabindranath Tagore's "Geetanjali," which was awarded the Nobel Prize in 1913, is best classified as which form of writing?

A. A collection of short stories

B. A novel

C. A play

D. A collection of poetry ✓

Q85 General Awareness

Which of the following is NOT a major cause of the people's revolts before 1857?

A. Exploitation of rural society by corrupt officers.

B. Destruction of indigenous industries.

C. Colonial land revenue settlements.

D. Conversion of people to Christianity. ✓

Q86 General Awareness

At the 2025 Cannes Film Festival, who was honoured with the Honorary Palme d'Or recognising lifetime achievement?

A. Leonardo DiCaprio

B. Quentin Tarantino

C. Denzel Washington

D. Robert De Niro ✓

Q87 General Awareness

What name did Dobereiner give to his groups of three similar elements?

A. Triangles

B. Triads ✓

C. Triplets

D. Triodes

Q88 General Awareness

Joseph Francois Dupleix was the governor who led the forces of which of the following European powers?

A. Portuguese

B. British

C. French ✓

D. Dutch

Q89 General Awareness

Major Malla Rama Gopal Naidu of the Maratha Light Infantry of the Indian Army was awarded with which of the following honours in May 25?

A. Shaurya Chakra (Posthumous)

B. Kirti Chakra (Posthumous)

C. Kirti Chakra ✓

D. Shaurya Chakra

Q90 General Awareness

Which article of the Indian Constitution relates RTI to the fundamental right to freedom of speech and expression?

A. Article 21

B. Article 15(1)(b)

C. Article 19(1)(a) ✓

D. Article 32



Q91 General Awareness

India's foreign trade structure changed significantly under British rule. During the colonial period, what kind of goods did India primarily export?

- A. Capital goods
- B. Manufactured goods
- C. Raw materials
- D. Automobiles

Q92 General Awareness

In which of the following Indian regions is an alpine climate with snowy winters and cool summers predominant?

- A. Western Ghats
- B. Northern Plains
- C. Thar Desert
- D. Himalayan Mountains

Q93 General Awareness

Which Indian institute's scientists unlocked the mystery of a cellular 'messenger' that may help treat Alzheimer's and diabetes?

- A. IISc Bengaluru
- B. IIT Kharagpur
- C. IIT Delhi
- D. AIIMS New Delhi

Q94 General Awareness

What is the primary function of the Control Unit within a CPU?

- A. Directing the flow of instructions and data
- B. Performing arithmetic calculations
- C. Managing external device connections
- D. Storing frequently used data

Q95 General Awareness

India participated in the 9th BRICS Industry Ministers' Meeting held on 21 May 2025, under the Chairmanship of which country?

- A. Brazil
- B. UAE
- C. South Africa
- D. Russia

Q96 General Awareness

Which nation became the fourth nation to successfully dock two satellites in space in January 2025?

- A. China
- B. India
- C. Russia
- D. The US

Q97 General Awareness

Which author released the memoir 'Mother Mary Comes to Me' in 2025, reflecting on her relationship with her late mother?

- A. Jhumpa Lahiri
- B. Anita Desai
- C. Kiran Desai
- D. Arundhati Roy

Q98 General Awareness

Which of the following is not a factor that affects ocean currents?

- A. Earth's rotation
- B. Wind
- C. Soil type
- D. Temperature differences

Q99 General Awareness

In February 2025, which major Zambian river was polluted by an acid spill from a Chinese-operated copper mine?

- A. Luangwa River
- B. Kafue River
- C. Chambeshi River
- D. Zambezi River

Q100 General Awareness

In which of the following cities of India was Infosys established in 1994?

- A. Hyderabad
- B. Bengaluru
- C. Mumbai
- D. Kolkata



Mathematics

30 Questions • Answer Key

Q1 Mathematics

The product of the LCM and HCF of two numbers is 150. The difference of the two numbers is 5. Find the numbers.

- A. 15, 20
- B. 20, 25
- C. 15, 10
- D. 30, 25



Q2 Mathematics

Neha, Rajat and Avinash invested ₹1,210, ₹1,650 and ₹1,300, respectively to start a business. If the profit at the end of the year is ₹1,200, what is Avinash's share of the profit?

- A. ₹375
- B. ₹376
- C. ₹377
- D. ₹374



Q3 Mathematics

Evaluate: $(-9) - (-60) \div (-10) + (-4) \times 7$

- A. -42
- B. -43
- C. -46
- D. -45



Q4 Mathematics

If 69% of first number is equal to four-fifths of second number, what is the ratio of first number to the second number?

- A. 80 : 69
- B. 79 : 68
- C. 76 : 64
- D. 84 : 71



Q5 Mathematics

Sapna invested ₹21,600 on simple interest, partly at 14% per annum and partly at 4% per annum. If she earns equal interests from the two investments after 6 years, then find the sum invested at 14% per annum (in ₹).

- A. 4,802
- B. 4,798
- C. 4,801
- D. 4,800



Q6 Mathematics

Find the perimeter of a rectangle whose length and breadth are 5 cm and 8 cm.

- A. 13 cm
- B. 20 cm
- C. 39 cm
- D. 26 cm



Q7 Mathematics

The length of each of the two equal sides of an isosceles triangle is 85 cm and the length of its base is 72 cm. The area (in cm^2) of the triangle is:

- A. 2767
- B. 2784
- C. 2772
- D. 2756



Q8 Mathematics

The sum of the squares of two consecutive even natural numbers is 2740. The sum of the numbers is:

- A. 80
- B. 88
- C. 70
- D. 74



Q9 Mathematics

Two pipes can fill a cistern, individually, in 33 minutes and 22 minutes, respectively. There is a pipe located at the bottom of the cistern to empty it. If all the three pipes are opened simultaneously, then the empty cistern gets filled in 18 minutes. How long will the pipe at the bottom of the tank take to empty the completely filled cistern if no other pipe is then open?

A. 39.5 minutes

B. 49.5 minutes

C. 99 minutes

D. 79 minutes

Q10 Mathematics

The average of first 168 even numbers is

A. 169

B. 169.5

C. 168.5

D. 170

Q11 Mathematics

The sum of five numbers is 655. The average of the first two numbers is 79 and the third number is 135. Find the average of the remaining two numbers.

A. 214

B. 181

C. 215

D. 182

Q12 Mathematics

A man walks to a viewpoint and returns to the starting point by his car maintaining constant speed and thus, takes a total time of 4 hours 15 minutes. He would have gained 4 hours by driving both ways. How long would it have taken for him to walk both ways with the same walking speed?

A. 8 hours 45 minutes

B. 8 hours 15 minutes

C. 7 hours 15 minutes

D. 9 hours 30 minutes

Q13 Mathematics

If the 6-digit number N37M01 is divisible by 11, then which of the options below can give a possible correct relation between M and N?

A. $M - N = 3$

B. $M + N = -3$

C. $M - N = 1$

D. $M = N$

Q14 Mathematics

In an election between two candidates, 80% of the registered voters cast their vote and 2% of the votes polled were found invalid. The winning candidate got 52% of the valid votes and won the election by a margin of 1568 votes. How many voters were registered?

A. 49999

B. 50002

C. 50000

D. 49997

Q15 Mathematics

A dealer marks his goods at 40% above the cost price and allows a discount of 45%. What would be his loss percentage?

A. 18%

B. 23%

C. 24%

D. 5%

Q16 Mathematics

Find the value of: $[640 \div \{22 + 6 \times (4 - 5)\}]$.

A. 40

B. 36

C. 45

D. 37

Q17 Mathematics

In covering a distance of 96 km, Anmol takes 6 hours more than Nikhil. If Anmol doubles his speed, then he would take 2 hours less than Nikhil. Anmol's speed is:

A. 16 km/hr

B. 12 km/hr

C. 2 km/hr

D. 6 km/hr



Q18 Mathematics

A number, when increased by 70%, gives 3570. The number is:

- A. 1050
- B. 4200
- C. 2100 ✓
- D. 6300

Q19 Mathematics

A pair of shoes is sold by a retailer at a 20% discount on the marked price, but the retailer still makes a 28% profit on the cost price. What is the ratio of the marked price to the cost price of the shoes?

- A. 7 : 4
- B. 3 : 5
- C. 8 : 5 ✓
- D. 9 : 7

Q20 Mathematics

The number 769501 is divisible by which of the following?

- A. 105
- B. 90
- C. 97 ✓
- D. 96

Q21 Mathematics

₹73,500 were divided among A, B and C such that 6 times the share of A = 9 times the share of B = 2 times the share of C. Find the share of A.

- A. ₹15,648
- B. ₹15,848
- C. ₹15,750 ✓
- D. ₹15,570

Q22 Mathematics

Which of the following numbers is divisible by 22?

- A. 65,80,350
- B. 71,32,950 ✓
- C. 64,67,614
- D. 61,36,901

Q23 Mathematics

Rishi bought some pens at the rate of ₹180/dozen. He sold them for ₹21 each. His profit percentage is ____%.

- A. 44
- B. 40 ✓
- C. 38
- D. 42

Q24 Mathematics

If 2 times a son's age is added to his father's age, the sum is 42 years. If 2.2 times the father's age is added to the son's age, the sum is 89 years. What is the father's age (in years)?

- A. 42
- B. 40 ✓
- C. 37
- D. 44

Q25 Mathematics

An article is sold at a profit of 54%. If the cost price is increased by ₹75 and the selling price is reduced by ₹66, then the profit would be 40.8%. What is the original cost price (in ₹) of the article?

- A. 1,300 ✓
- B. 1,500
- C. 1,000
- D. 1,400

Q26 Mathematics

A solid cuboid with dimensions 24 cm × 16 cm × 10 cm is melted to form smaller solid cubes with sides of length 4 cm. Determine the number of cubes formed.

- A. 60 ✓
- B. 62
- C. 68
- D. 64



Q27 Mathematics

A sum of ₹10,00,000 amounts to ₹10,92,727 in 3 years at a certain rate of interest per annum, compounded annually. The rate of interest per annum is:

A. 2%

B. 4%

C. 6%

D. 3%

**Q28 Mathematics**

Pipe A can fill a tank in 20 hours, pipe B can fill the same tank in 22 hours and pipe C can fill the same tank in 14 hours. The time taken by them to fill the same tank if they operate together is::

A. $14\frac{255}{257}$ hoursB. $2\frac{255}{257}$ hoursC. $5\frac{255}{257}$ hoursD. $9\frac{255}{257}$ hours**Q29 Mathematics**

Find the value of x satisfying: $2(5x^2 - 5) - 5(2x^2 + 9x - 5) = 18$

A. $\frac{4}{15}$ B. $-\frac{1}{15}$ C. $\frac{2}{15}$ D. $-\frac{7}{15}$ 

Q30 Mathematics

If $\sec\theta + \tan\theta = \frac{3}{2}$, then the value of $\cos\theta$ is:

A. $\frac{4}{5}$

B. $\frac{1}{2}$

C. $\frac{8}{17}$

D. $\frac{12}{13}$ ✓

General Intelligence & Reasoning

30 Questions • Answer Key

Q31 General Intelligence & Reasoning

RBNH is related to KUGA in a certain way based on the English alphabetical order. In the same way, PZLF is related to ISEY. To which of the given options is UEQK related, following the same logic?

A. NDXJ

B. NXDJ

C. NDFR

D. NXJD ✓

Q32 General Intelligence & Reasoning

Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

FDS 43 HGO 32 JJK 21 ? NPC -1

A. LMG 11

B. LKM 12

C. LMM 14

D. LMG 10 ✓

Q33 General Intelligence & Reasoning

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

All lakes are ponds.

All ponds are rivers.

Conclusions:

(I): All lakes are rivers.

(II): All rivers are ponds.

A. Only Conclusion II follows

B. Both Conclusions I and II follow

C. Neither Conclusion I nor II follows

D. Only Conclusion I follows ✓

Q34 General Intelligence & Reasoning

A, B, C, D, Q, R and S are sitting around a circular table, facing the centre of the table. Only two people sit between A and R, when counted from the right of A. Only two people sit between R and D. Only three people sit between A and B. C sits to the immediate left of Q. Who sits third to the left of S?

A. C

B. D

C. Q ✓

D. A



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Q35 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. KOS

B. MOU

C. IMQ

D. NRV

Q36 General Intelligence & Reasoning

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.

Statements:

All games are levers.

All levers are drums.

Conclusions:

(I) Some drums are levers.

(II) All games are drums.

A. Both conclusions (I) and (II) follow.

B. Neither conclusion (I) nor (II) follows.

C. Only conclusion (I) follows.

D. Only conclusion (II) follows.

Q37 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series based on the English alphabetical order?

CNQ EPS GRU ITW ?

A. KVV

B. JVV

C. JUX

D. KUX

Q38 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. OR-IN

B. MP-GK

C. JM-DH

D. HK-BF

Q39 General Intelligence & Reasoning

This question is based on the five, three-digit numbers given below.

(Left) 427 615 253 961 743 (Right)

(Example- 697 – First digit = 6, second digit = 9 and third digit = 7)

(NOTE: All operations to be done from left to right.)

If all the numbers are arranged in ascending order, the position(s) of how many numbers will remain unchanged?

A. 3

B. 1

C. 2

D. 0

Q40 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series?

3 3 4 6 9 ?

A. 11

B. 10

C. 13

D. 12

Q41 General Intelligence & Reasoning

If 2 is added to each odd digit and 1 is subtracted from each even digit in the number 72518643, then what will be the difference between the first and the last digit in the number thus formed?

A. 6

B. 8

C. 2

D. 4



Q42 General Intelligence & Reasoning

1 is subtracted from each even digit of the number 95423671. Find the number of digits that are repeated more than once in the new number formed.

A. None

B. Three



C. Two

D. One

Q43 General Intelligence & Reasoning

In a certain code language, 'YOUR' is coded as '2467' and 'OPEN' is coded as '1536'. What is the code for 'O' in that language?

A. 4

B. 3

C. 1

D. 6

**Q44 General Intelligence & Reasoning**

Six friends P, Q, R, S, T and U are sitting in a straight line, facing north. Q is an immediate neighbour of S and T. U sits to the immediate right of R. P sits third to the left of T. Neither S nor T sit on any of the extreme ends. Who sits at the extreme left end?

A. R

B. Q

C. U

D. P

**Q45 General Intelligence & Reasoning**

Seven boxes F, G, H, I, K, L and O are kept one over the other but not necessarily in the same order. Only two boxes are kept between O and K. Only G is kept above L. No box is kept below K. F is kept at some place below H but at some place above I. Which box is kept third above I?

A. F

B. H



C. O

D. K

Q46 General Intelligence & Reasoning

This question is based on the five, three-digit numbers given below.

(Left) 817 708 290 322 720 (Right)

(Example- 697 – First digit = 6, second digit = 9 and third digit = 7)

(NOTE: All operations to be done from left to right.)

If all the numbers are arranged in descending order, the position(s) of how many numbers will remain unchanged?

A. None

B. Two



C. One

D. Four

Q47 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. KO-RM

B. BF-IC



C. PT-WR

D. RV-YT

Q48 General Intelligence & Reasoning

Seven boxes F, G, H, M, N, O and P are kept one over the other but not necessarily in the same order. Only three boxes are kept above G. Only one box is kept between F and G. Only three boxes are kept between F and N. N is kept at some place above G. O is kept immediately below N. M is kept at one of the places above P. H is not kept immediately above or below F.

Which box is kept at the lowermost position?

A. H

B. P



C. F

D. M

Q49 General Intelligence & Reasoning

A is the mother of G. G is the mother of D. D is the son of H. R is the father of H. How is A related to R?

A. Wife's mother

B. Son's wife's sister

C. Son's wife's mother



D. Wife's sister



Q50 General Intelligence & Reasoning

In a certain code language, 'HUGE' is coded as '4627' and 'GIRL' is coded as '1365'. What is the code for 'G' in the given code language?

A. 6



B. 7

C. 5

D. 1

Q51 General Intelligence & Reasoning

YUWT is related to UQSP in a certain way based on the English alphabetical order. In the same way, OKMJ is related to KGIF. To which of the following is LHJG related, following the same logic?

A. HCEC

B. HEEF

C. HDEC

D. HDFC

**Q52 General Intelligence & Reasoning**

In a row of 111 persons facing north, Mukesh is 19th from the left end. What is his position from the right end?

A. 92

B. 93



C. 91

D. 94

Q53 General Intelligence & Reasoning

In the following triads, each group of letters is related to the subsequent one following a certain logic. Select from the given options, the one which follows the same logic.

SOAL - ASOL - LAOS
MUGS - GMUS - SGUM

A. ZOAL - AZOL - OALZ

B. BOND - BNOD - DNOB

C. RAIN - IRAN - NIAR



D. WIPE - IWPE - EIPW

Q54 General Intelligence & Reasoning

Each of the digits in the number 4385612 is arranged in the ascending order from left to right. The position(s) of how many digits will remain unchanged as compared to that in the original number?

A. Two

B. One

C. Three

D. None

**Q55 General Intelligence & Reasoning**

If 'I' stands for '+', 'J' stands for 'x', 'K' stands for '÷' and 'L' stands for '-', then what will come in place of the question mark (?) in the following equation?

29 I (23 J 5) L 23 J 10 I (420 K 4) I 89 = ?

A. 92

B. 122

C. 148

D. 108

**Q56 General Intelligence & Reasoning**

What should come in place of the question mark (?) in the given series?

15, 30, 60, 120, ?, 480

A. 280

B. 240



C. 220

D. 260

Q57 General Intelligence & Reasoning

Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding to/subtracting from/multiplying with 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(28, 336, 4)

(19, 285, 5)

A. (17, 265, 5)

B. (23, 414, 6)



C. (24, 298, 4)

D. (21, 341, 7)



Q58 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series?

2 12 32 62 102 ?

A. 156

B. 152



C. 155

D. 150

Q59 General Intelligence & Reasoning

Satwik starts from Point A and drives 7 km towards east. He then takes a left turn, drives 4 km, turns right and drives 6 km. He then takes a right turn and drives 4 km. He takes a final right turn, drives 3 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90° turns only unless specified.)

A. 13 km towards east

B. 10 km towards north

C. 13 km towards west

D. 10 km towards west

**Q60 General Intelligence & Reasoning**

Hitesh starts from Point A and drives 9 km towards East. He then takes a left turn, drives 4 km, turns left and drives 11 km. He then takes a left turn and drives 6 km. He takes a final left turn, drives 2 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90° turns only unless specified.)

A. 2 km to South

B. 3 km to South

C. 3 km to North

D. 2 km to North

**General Awareness**

40 Questions • Answer Key

Q61 General Awareness

Which edition of National Voters' Day was celebrated on 25 January 2025 to commemorate the foundation day of the Election Commission of India?

A. 15th



B. 5th

C. 20th

D. 10th

Q63 General Awareness

Under guidance of which of the following organisations were the civil defence mock drills conducted under Operation Shield in Haryana in May 2025?

A. Ministry of Defence

B. Union Ministry of Home Affairs



C. Election Commission of India

D. National Disaster Management Authority

Q62 General Awareness

What does the abbreviation ASCII stand for?

A. Analog Signal Coding Interface Index

B. American Standard Code for Information Interchange



C. Advanced Secure Communication Interface

D. Automated System for Computer Integrated Information

Q64 General Awareness

In the April 2025 International Shooting Sport Federation World Cup, in which shooting event did Saurabh Chaudhary win a bronze medal?

A. 25 m Rapid Fire Pistol

B. Skeet Shooting

C. 10 m Air Pistol



D. 50 m Rifle 3 Positions



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Q65 General Awareness

Which of the following subjects was moved from the State List to the Concurrent List by the 42nd Amendment Act?

- A. Police
- B. Agriculture
- C. Education ✓
- D. Public health

Q66 General Awareness

On 1 May 2025, the Election Commission of India has launched how many major initiatives to improve the accuracy of voter list and ease the voting process?

- A. 2
- B. 3 ✓
- C. 6
- D. 4

Q67 General Awareness

Which of the following infrastructure initiatives is associated with urban development in India?

- A. Atal Mission for Rejuvenation and Urban Transformation ✓
- B. Pradhan Mantri Kisan Urja Suraksha evam Utthaan Mahabhiyan
- C. Managed Services Provider Scheme
- D. RURBAN Mission

Q68 General Awareness

Who is considered unemployed under the Usual Status (US) measure?

- A. Someone working only one day a week
- B. Someone working part-time
- C. Someone not working but seeking work over a long period ✓
- D. Someone retired from work

Q69 General Awareness

On which date did ISRO attempt its 101st launch, which could not be accomplished due to technical problems during its third stage?

- A. 14 May 2025
- B. 20 May 2025
- C. 18 May 2025 ✓
- D. 16 May 2025

Q70 General Awareness

What is the value of one curie (Ci) in SI units of radioactivity?

- A. 6.02×10^{18} disintegrations per second
- B. 3.7×10^6 disintegrations per second
- C. 1.6×10^{10} disintegrations per second
- D. 3.7×10^{10} disintegrations per second ✓

Q71 General Awareness

In 1869, who is credited with publishing the first widely recognized version of the periodic table?

- A. Dmitri Mendeleev ✓
- B. Johann Dobereiner
- C. Lothar Meyer
- D. John Alexander Newlands

Q72 General Awareness

In April 2025, India developed two (Human Papillomavirus test) HPV testing kits for the diagnosis of which type of cancer?

- A. Prostate cancer
- B. Blood cancer
- C. Brain cancer
- D. Cervical cancer ✓

Q73 General Awareness

The reservation of seats in Panchayats for SCs/STs and women comes under which Article?

- A. Article 243B
- B. Article 243A
- C. Article 243D ✓
- D. Article 243E

Q74 General Awareness

Which indigenous radar system, developed by DRDO in 2025, is designed to enhance the capabilities of the Tejas Mk1A aircraft?

- A. Aslesha Mk I
- B. Uttam AESA ✓
- C. Bharani Mk I
- D. Revathi



Q75 General Awareness

Which is the first State where India's first organic fish cluster was launched by the Central Government?

A. Sikkim



B. Assam

C. Meghalaya

D. Mizoram

Q76 General Awareness

Which of the following is a traditional folk painting style from Bihar?

A. Pattachitra

B. Madhubani



C. Kalamkari

D. Warli

Q77 General Awareness

In June 2025, a 'Maha Kumbhabhishekam' was performed after 270 years at the Sree Padmanabhaswamy Temple, located in which Indian State?

A. Andhra Pradesh

B. Karnataka

C. Tamil Nadu

D. Kerala

**Q78 General Awareness**

Which of the following correctly represents the function of dietary fibre in the human diet?

A. Provides energy

B. Aids digestion



C. Helps build muscle

D. Increases cholesterol

Q79 General Awareness

The term gomati in the Rigveda refers to which of the following?

A. A wealthy person



B. A milkmaid

C. A priest

D. A warrior

Q80 General Awareness

What does the 'Ctrl + V' shortcut key do?

A. It saves the current document.

B. It cuts the selected text or files.

C. It copies the selected text or files.

D. It pastes the copied text or files.

**Q81 General Awareness**

The Mahila Kisan Sashaktikaran Pariyojana (MKSP), is a key sub-scheme under _____.

A. Mahatma Gandhi National Rural Employment Guarantee Act (MGNREGA)

B. Deen Dayal Upadhyaya Grameen Kaushalya Yojana (DDU-GKY)

C. National Social Assistance Programme (NSAP)

D. Deen Dayal Antyodaya Yojana - National Rural Livelihoods Mission (DAY-NRLM)

**Q82 General Awareness**

Which natural feature divides the Lakshadweep islands into two broad parts?

A. Equator

B. Ten Degree Channel

C. Nine Degree Channel



D. Tropic of Cancer

Q83 General Awareness

Market control under Alauddin Khilji aimed mainly to _____.

A. check price inflation for army provisions



B. promote luxury crafts and goods

C. patronise artisan guilds

D. encourage foreign trade

Q84 General Awareness

Which state leads the fiscal health index 2025 with a top score of 67.8?

A. Odisha



B. Chhattisgarh

C. Telangana

D. Maharashtra



Q85 General Awareness

What happens to tectonic plates at divergent boundaries?

A. They move away from each other. ✓

B. They slide past one another.

C. They stay in one place.

D. They move towards each other.

Q86 General Awareness

The 44th Amendment (1978) removed which of the following from the list of Fundamental Rights, converting it into a mere legal right under Article 300A?

A. Right to Education

B. Right to Property ✓

C. Right to Equality

D. Right to Constitutional Remedies

Q87 General Awareness

The Andaman and Nicobar Islands are separated by which water body?

A. Ten Degree Channel ✓

B. Nine Degree Channel

C. Duncan Passage

D. Gulf of Mannar

Q88 General Awareness

In which of the following Indian states is the Sundarbans Biosphere Reserve located?

A. West Bengal ✓

B. Tamil Nadu

C. Assam

D. Odisha

Q89 General Awareness

Who was the first Indian to win a gold medal at the Commonwealth Games?

A. PT Usha

B. Milkha Singh ✓

C. Leander Paes

D. Sushil Kumar

Q90 General Awareness

In which of the following regions did Rani Avantibai Lodhi of Ramgarh raise and lead an army of four thousand against the British, who had taken over the administration of her state?

A. The region of Awadh

B. Lucknow and Kanpur

C. Mandla region of Madhya Pradesh ✓

D. North-Eastern regions of Rajasthan

Q91 General Awareness

Who were members of the States Reorganisation Commission formed in 1953?

A. Rajaji, Nehru, Bose

B. Nehru, Ambedkar, Azad

C. HN Kunzru, KM Panikkar, Fazl Ali ✓

D. Rajendra Prasad, Patel, Rajaji

Q92 General Awareness

Which two parties signed a landmark Digital Trade Agreement (DTA) in May 2025 to deepen digital and economic cooperation?

A. United States and Japan

B. India and Australia

C. European Union and Singapore ✓

D. China and South Korea

Q93 General Awareness

What is the maximum strength of members in a State Legislative Assembly as per the Constitution of India?

A. 435

B. 450

C. 500 ✓

D. 475

Q94 General Awareness

Which of the following European powers was the first to arrive in India by sea route?

A. Dutch

B. English

C. French

D. Portuguese ✓



Q95 General Awareness

As per the 2025 Human Development Index (HDI) report, what is India's HDI value for 2023 that places it in the medium human development category?

A. 0.810

B. 0.721

C. 0.685



D. 0.496

Q96 General Awareness

In March 2025, ISRO advanced in developing which engine for LVM3?

A. Liquid booster

B. Electric jet engine

C. Semicryogenic engine



D. Turbo plasma engine

Q97 General Awareness

Which of the following is a distinctive feature of tribal settlements in India?

A. Skyscrapers

B. Scattered or linear village pattern in forested or hilly areas



C. Planned city layouts

D. Modern infrastructure and transportation

Q98 General Awareness

Which of the following tribes is mainly found in the north-eastern part of India?

A. Bhils

B. Santhals

C. Gonds

D. Nagas

**Q99 General Awareness**

Why is infrastructure referred to as a 'universal intermediate'?

A. It is universally available in every country.

B. It is used in the production of nearly all goods and services.



C. It connects urban and rural areas.

D. It is the most profitable sector.

Q100 General Awareness

Who has the power to give directions to the State Government to ensure compliance with Union laws?

A. Parliament of India

B. Supreme Court of India

C. Prime Minister of India

D. President of India



Mathematics

30 Questions • Answer Key

Q1 Mathematics

If the interest earned during the 2nd year on a certain sum is ₹5,520, and the rate of interest is 20% per annum compounded annually, then the sum is:

- A. ₹22,875
- B. ₹22,695
- C. ₹23,000 ✓
- D. ₹23,405

Q2 Mathematics

Find the simple interest (in ₹) on ₹1,200 at an interest rate of 3% per month in 6 months.

- A. 38
- B. 216 ✓
- C. 36
- D. 18

Q3 Mathematics

X, Y and Z invested a sum in the ratio of 58 : 72 : 20, respectively. If they earned a total profit of ₹3,750 at the end of the year, what is the difference between the shares of Y and Z?

- A. ₹1,254
- B. ₹1,404
- C. ₹1,231
- D. ₹1,300 ✓

Q4 Mathematics

The sum of five numbers is 655. The average of the first two numbers is 80 and the third number is 107. Find the average of the remaining two numbers.

- A. 187
- B. 194 ✓
- C. 188
- D. 195

Q5 Mathematics

A bus travelling at 86 km/hr completes a journey in 7 hours. What should be its speed to cover the same distance in 14 hours?

- A. 53 km/hr
- B. 35 km/hr
- C. 42 km/hr
- D. 43 km/hr ✓

Q6 Mathematics

Evaluate 74^2 .

- A. 5456
- B. 5526
- C. 5486
- D. 5476 ✓

Q7 Mathematics

Six times the present age of P exceeds the present age of Q by 46 years. After 10 years, six times Q's age will be 18 years less than five times P's age at that time. What is the present age of Q (in years)?

- A. 6
- B. 5
- C. 1
- D. 2 ✓

Q8 Mathematics

The average of first 172 even numbers is

- A. 174
- B. 173.5
- C. 173 ✓
- D. 172.5

Q9 Mathematics

Simplify $x(5x - 9) + 7(x^2 - 2) + 17$.

- A. $12x^2 - 9x + 3$ ✓
- B. $-12x^2 - 9x + 3$
- C. $12x^2 - 9x - 3$
- D. $-12x^2 - 9x - 3$



Q10 Mathematics

Ashish bought some rulers at the rate of ₹180/dozen. He sold them for ₹24 each. His profit percentage is ____%.

- A. 58
- B. 64
- C. 60
- D. 62

**Q11 Mathematics**

The difference between the lengths of two parallel sides of a trapezium is 6 cm. The perpendicular distance between them is 24 cm. If the area of the trapezium is 648 cm^2 , then what is the length of the parallel sides?

- A. 30 cm, 24 cm
- B. 36 cm, 30 cm
- C. 28 cm, 22 cm
- D. 23 cm, 29 cm

**Q12 Mathematics**

A customer buys two products, each product being worth ₹350, with a "buy one get one 30% off" deal. What is the total amount paid by the customer?

- A. ₹490
- B. ₹595
- C. ₹560
- D. ₹455

**Q13 Mathematics**

A bag is marked at ₹2,000. A shopkeeper offers two successive discounts of 10% and 5%. What is the final price the customer pays?

- A. ₹1,700
- B. ₹1,750
- C. ₹1,710
- D. ₹1,800

**Q14 Mathematics**

If the radius of the base of a right circular cylinder is decreased by 27% and its height is increased by 165%, then what is the percentage increase (closest integer) in its volume?

- A. 36%
- B. 20%
- C. 41%
- D. 48%

**Q15 Mathematics**

₹42,100 were divided among A, B and C such that 8 times the share of A = 3 times the share of B = 6 times the share of C. Find the share of A.

- A. ₹8,360
- B. ₹8,538
- C. ₹8,420
- D. ₹8,278

**Q16 Mathematics**

If the third proportional of 4 and 16 be x, then what is the value of x?

- A. 64
- B. 66
- C. 67
- D. 62

**Q17 Mathematics**

A number, when increased by 60%, gives 3590. The number is:

- A. 4487.5
- B. 2243.75
- C. 1121.875
- D. 6731.25

**Q18 Mathematics**

Which of the following numbers divide 862026417?

- A. 7
- B. 6
- C. 11
- D. 5

**Q19 Mathematics**

The product of two positive numbers is 9245. If the first number is five times of the second number, then the sum of the two numbers is:

- A. 257
- B. 258
- C. 269
- D. 266



Q20 Mathematics

The ratio of two numbers is 5 : 6 and their HCF is 7. Find their LCM.

A. 210



B. 42

C. 84

D. 35

Q21 Mathematics

Daksh travels 774 km at 86 km/hr, the next 567 km at 63 km/hr and the next 135 km at 27 km/hr. What is his average speed (in km/hr, rounded off to two decimal places) for the whole journey?

A. 64.17



B. 63.06

C. 70.24

D. 70.02

Q22 Mathematics

The number 934725 is divisible by which of the following?

A. 10

B. 3



C. 6

D. 2

Q23 Mathematics

In an election between two candidates, 80% of the registered voters cast their vote and 21% of the votes polled were found invalid. The winning candidate got 51% of the valid votes and won the election by a margin of 1817 votes. How many voters were registered?

A. 143751

B. 143750



C. 143753

D. 143752

Q24 Mathematics

The value of $\frac{2}{5} + \left(\frac{1}{1 + \frac{5}{7}} \right) - \frac{2}{5}$ is

A. $\frac{10}{17}$

B. $\frac{14}{13}$

C. $\frac{2}{7}$

D. $\frac{7}{12}$

**Q25 Mathematics**

Find the volume of a cylinder with radius 5 cm and height 21 cm (use $\pi = \frac{22}{7}$).

A. 1320 cm³

B. 1650 cm³



C. 1200 cm³

D. 1500 cm³



Q26 Mathematics

If $\cot A + \cos A = p$, $\cot A - \cos A = q$, then what is the value of $p^2 - q^2$?

A. $4\sqrt{pq}$



B. $2\sqrt{pq}$

C. $\sqrt{pq}$

D. $3\sqrt{pq}$

Q27 Mathematics

The value of $\sqrt{324} + \sqrt{0.0324} - \sqrt{8.41}$ is _____.

A. 15.28



B. 10.83

C. 6.97

D. 16.61

Q28 Mathematics

A can lay railway track between two given stations in 20 days and B can do the same job in 12 days. With the help of C, they did the job in 2 days only. Then, C alone can do the job in

A. $9\frac{8}{11}$ days

B. $4\frac{8}{11}$ days

C. $11\frac{8}{11}$ days

D. $2\frac{8}{11}$ days

**Q29 Mathematics**

Isha can do a certain piece of work in 24 days. Isha and Smriti can together do the same work in 20 days, and Isha, Smriti and Ashlesha can do the same work together in 12 days. In how many days can Isha and Ashlesha do the same work together?

A. $\frac{41}{3}$

B. $\frac{35}{4}$

C. $\frac{40}{3}$



D. $\frac{30}{5}$



Q30 Mathematics

A trader claims to sell wheat at a profit of 29%, but also dishonestly uses a weight which is 30% less than what is mentioned on it. Find the total percentage of profit earned by the trader. (Round off the answer to the nearest whole number.)

A. 79%

B. 84%



C. 86%

D. 87%

General Intelligence & Reasoning

30 Questions • Answer Key

Q31 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series?

657 660 665 672 681 ?

A. 690

B. 692



C. 693

D. 691

Q32 General Intelligence & Reasoning

Younis starts from Point A and drives 17 km towards East. He then takes a left turn, drives 6 km, turns right and drives 11 km. He then takes a right turn and drives 6 km. He takes a final right turn, drives 2 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90° turns only unless specified.)

A. 26 km towards West



B. 26 km towards North

C. 29 km towards West

D. 29 km towards East

Q33 General Intelligence & Reasoning

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

All bats are stick.

All bamboo is stick.

Conclusions:

(I): Some bats are bamboo.

(II): Some sticks are bamboo.

A. Only conclusion (II) follows.



B. Only conclusion (I) follows.

C. Neither conclusion (I) nor (II) follows.

D. Both conclusions (I) and (II) follow.

Q34 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series based on the English alphabetical order?

XSW TOS PKO LGK ?

A. HBG

B. HCG



C. HCF

D. HBF



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Q35 General Intelligence & Reasoning

In the following triad, each group of letters is related to the subsequent one following a certain logic. Select from the given options, the one which follows the same logic.

SINK - ISNK - KISN
PLAY - LPAY - YLPA

A. CLAY - LCAY - LAYC

B. HOLD - OHLD - DOHL



C. MARK - MRAK - KRAM

D. DINE - IDNE - EIND

Q36 General Intelligence & Reasoning

What will come in place of the question mark (?) in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged?

$$42 + 75 \times 3 - 11 \div 3 = ?$$

A. 23

B. 50



C. 43

D. 32

Q37 General Intelligence & Reasoning

IMJI is related to GKHG in a certain way based on the English alphabetical order. In the same way, FJGF is related to DHED. To which of the given options is XBYX related, following the same logic?

A. VAVX

B. VYVV

C. VZWV



D. VZVV

Q38 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. TZU



B. NTP

C. KQM

D. QWS

Q39 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. EAW

B. SOK

C. RNJ

D. QKG

**Q40 General Intelligence & Reasoning**

Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding to/subtracting from/multiplying with 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(28, 140, 5)

(41, 533, 13)

A. (44, 355, 8)

B. (1, 25, 22)

C. (25, 103, 4)

D. (35, 735, 21)

**Q41 General Intelligence & Reasoning**

Seven boxes F, G, H, I, K, L, and O are kept one over the other but not necessarily in the same order. O is kept immediately above F. G is kept immediately above I. Only K is kept above L. Only two boxes are kept above O. G is not kept at the third position from the bottom.

How many boxes are kept between H and K?

A. Four

B. Two

C. One

D. Three



Q42 General Intelligence & Reasoning

A, B, C, D, Q, R and S are sitting around a circular table facing the centre of the table. Only two people sit between Q and B when counted from the right of Q. Only three people sit between A and C when counted from the right of C. B sits to the immediate right of C. R sits to the immediate right of S.

Who sits fourth to the right of D?

A. A

B. C

C. S

D. R

**Q43 General Intelligence & Reasoning**

Select the pair that follows the same pattern as that followed by the two pairs given below. Both pairs follow the same pattern.

GOF : IQE
SNG : UPF

A.>NNL : P Q K

B. QRQ : STR

C. QUK : SXJ

D. ELM : GNL

**Q44 General Intelligence & Reasoning**

Seven boxes U, V, W, X, E, F and G are kept one over the other but not necessarily in the same order. No box is kept above W. Only three boxes are kept between W and F. Only one box is kept between E and V. V is kept immediately above F. Only four boxes are kept between E and X. G is kept at some place above U. Which box is kept second below G?

A. F



B. V

C. U

D. W

Q45 General Intelligence & Reasoning

Six friends Q, R, S, T, U and V are sitting around a circular table, facing the centre. S sits third to the right of V. V sits second to the left of Q. U sits to the immediate left of R. Who sits to the immediate right of S?

A. T

B. R

C. U



D. Q

Q46 General Intelligence & Reasoning

If 1 is added to each even digit and 2 is subtracted from each odd digit in the number 5237894, what will be difference between the highest and lowest digits in the number thus formed?

A. 6

B. 8



C. 9

D. 7

Q47 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series?

6 13 27 48 76 ?

A. 100

B. 105

C. 109

D. 111

**Q48 General Intelligence & Reasoning**

Vimal ranked 29th from the top and 24th from the bottom in his class. How many students are there in his class?

A. 51

B. 52



C. 53

D. 54

Q49 General Intelligence & Reasoning

In a certain code language, 'GLUE' is coded as '2475' and 'UNIT' is coded as '1536'. What is the code for 'U' in that language?

A. 5



B. 7

C. 3

D. 1



Q50 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. ZR - FN



B. YD - DZ

C. HO - MK

D. BV - GR

Q51 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series?

31 58 94 139 193 ?

A. 272

B. 281

C. 263

D. 256

**Q52 General Intelligence & Reasoning**

Town P is to the north of town Q. Town Q is to the east of town R. Town T is to the north of town P. Town S is to the east of town P. What is the position of town S with respect to town Q?

A. North

B. Southeast

C. Northwest

D. Northeast

**Q53 General Intelligence & Reasoning**

Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) // 9 3 * > * ? 5 6 2 \$ # 3 ^ \$ 4 + 6 < + (Right)

How many such numbers are there, each of which is immediately preceded by another number and also immediately followed by a symbol?

A. Four

B. None

C. One

D. Two

**Q54 General Intelligence & Reasoning**

If 'A' stands for '+', 'B' stands for 'x', 'C' stands for '+' and 'D' stands for '-', then what will come in place of the question mark (?) in the following equation?

25 A 5 D 10 B 3 C 42 = ?

A. 24

B. 14

C. 17



D. 21

Q55 General Intelligence & Reasoning

Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

LTB 83, OWE 74, RZH 65, UCK 56, XFN 47, ?

A. BIQ 42

B. AIQ 38



C. AIO 40

D. AMQ 36

Q56 General Intelligence & Reasoning

Read the given statement(s) and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statement(s).

Statements:

All prints are banners.

All prints are flexes.

Conclusions:

(I) Some banners are flexes.

(II) All flexes are prints.

A. Neither conclusion (I) nor (II) follows.

B. Only conclusion (I) follows.



C. Both conclusions (I) and (II) follow.

D. Only conclusion (II) follows.



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Q57 General Intelligence & Reasoning

In a certain code language, 'are you hungry' is written as 'mk tk jb' and 'you came early' is coded as 'cd ab mk'. How is 'you' coded in the given language?

A. jt

B. mk



C. jb

D. tk

Q58 General Intelligence & Reasoning

If 1 is added for each odd digit and 1 is subtracted from each even digit of the number 86435621, how many digits are repeated more than once in the new number thus formed?

A. Three

B. None

C. One



D. Two

Q59 General Intelligence & Reasoning

R is the sister of C. C is the sister of B. B is the father of A. A is the daughter of G. How is R related to G?

A. Sister

B. Husband's mother

C. Husband's sister



D. Mother

Q60 General Intelligence & Reasoning

This question is based on the five, three-digit numbers given below.

(Left) 731 890 923 286 378 (Right)

(Example: 697 – First digit = 6, second digit = 9 and third digit = 7)

(NOTE: All operations to be done from left to right.)

In how many numbers is the sum of the 1st and 3rd digits greater than the 2nd digit?

A. Four

B. One

C. Three



D. Two

General Awareness

40 Questions • Answer Key

Q61 General Awareness

Which Ministry is primarily responsible for implementing most rural development schemes in India?

A. Ministry of Agriculture and Farmers Welfare

B. Ministry of Panchayati Raj

C. Ministry of Rural Development



D. Ministry of Social Justice and Empowerment

Q62 General Awareness

At the 2025 ceremony held at the European Parliament, which movie was honoured with the LUX Audience Award?

A. The Brutalist

B. Emilia Pérez

C. Flow



D. Anora

Q63 General Awareness

The Make in India initiative aims to boost domestic manufacturing. In which year was the 'Make in India' campaign launched?

A. 2018

B. 2012

C. 2016

D. 2014

**Q64 General Awareness**

Which of the following officials toured Mauryan provinces every five years to inspect administration and submit reports on provincial governance?

A. Rajuka

B. Amatya

C. Nagarika

D. Pradeshika



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Q65 General Awareness

From which site did ISRO conduct its 100th space launch?

- A. Hassan
- B. Chandipur
- C. Chitradurga
- D. Sriharikota

**Q66 General Awareness**

Which of the following Acts provides legal status to Lok Adalats in India?

- A. Civil Procedure Code, 1908
- B. Legal Services Authorities Act, 1987
- C. Arbitration and Conciliation Act, 1996
- D. Indian Penal Code, 1860

**Q67 General Awareness**

Celebrated Urdu poet and bollywood writer-director Gulzar was honoured with which of the following awards in 2025?

- A. Padma Shri
- B. Padma Vibhushan
- C. Jnanpith Award
- D. Padma Bhushan

**Q68 General Awareness**

Who was declared the Emperor of India by the revolting sepoys during the 1857 uprising?

- A. Aurangzeb
- B. Shah Alam II
- C. Bahadur Shah II
- D. Akbar II

**Q69 General Awareness**

Which water bodies flank the Peninsular Plateau on the east and west?

- A. Bay of Bengal and Indian Ocean
- B. Bay of Bengal and Arabian Sea
- C. Arabian Sea and Andaman Sea
- D. Indian Ocean and Arabian Sea

**Q70 General Awareness**

What was the theme of National Technology Day celebrated in India in May 2025?

- A. Digital India: Empowering Through Smart Technologies
- B. Powering India through Innovation and Research
- C. YANTRA – Yugantar for Advancing New Technology, Research & Acceleration
- D. Towards a Self-Reliant India through Science and Technology

**Q71 General Awareness**

At the time of colonial period, the Asaf Jahi dynasty was established in _____.

- A. Mysore
- B. Hyderabad
- C. Punjab
- D. Bengal

**Q72 General Awareness**

The Chhatrapati Shivaji Terminus is a prime example of which of the following types of architectural style?

- A. Pure Mughal
- B. Gothic alone
- C. Indo-Saracenic
- D. Dravidian

**Q73 General Awareness**

On 30 May 2025, which state declared 100% literacy under the ULLAS Nav Bharat Literacy Programme, surpassing its earlier PLFS-recorded rate?

- A. Goa
- B. Sikkim
- C. Himachal
- D. Kerala

**Q74 General Awareness**

The Defence Ministry's planned order for 500 Invar anti-tank guided missiles—valued at ₹2,000–3,000 crore—will be placed with which defence Public Sector Unit (PSU)?

- A. Garden Reach Shipbuilders & Engineers Ltd.
- B. Armoured Vehicles Nigam Ltd.
- C. Bharat Electronics Limited
- D. Bharat Dynamics Limited



Q75 General Awareness

Which initiative, launched by the Indian Cyber Crime Coordination Centre (I4C) under the Ministry of Home Affairs, aims to facilitate rapid action against cybercriminals?

- A. National Cyber Safety Net
- B. Digital India Cyber Shield
- C. Cyber Suraksha Abhiyan
- D. e-Zero FIR

**Q76 General Awareness**

On which of the following dates did Prime Minister Narendra Modi address the 78th Session of the World Health Assembly held in Geneva?

- A. 12 April 2025
- B. 12 May 2025
- C. 20 April 2025
- D. 20 May 2025

**Q77 General Awareness**

Which of the following is considered a major social development outcome of India's economic reforms since 1991?

- A. Improvement in life expectancy
- B. Increase in poverty rate
- C. Decrease in literacy rate
- D. Widening of fiscal deficit

**Q78 General Awareness**

Which type of ROM can be programmed only once after manufacturing?

- A. EPROM
- B. EEPROM
- C. Mask ROM
- D. PROM

**Q79 General Awareness**

The 'Atmanirbhar Oil Seeds Abhiyan' launched in Budget 2025 focuses on:

- A. achieving self-sufficiency in oilseed production
- B. importing high-quality seeds for oil production
- C. exporting surplus oil seeds
- D. subsidising edible oil prices

**Q80 General Awareness**

India developed its first indigenous Magnetic Resonance Imaging (MRI) machine, set to be installed at _____.

- A. All Indian Institute of Medical Sciences, Raipur
- B. All Indian Institute of Medical Sciences, Bhopal
- C. All Indian Institute of Medical Sciences, Delhi
- D. All Indian Institute of Medical Sciences, Nagpur

**Q81 General Awareness**

Which of the following was one of the last princely states to join the Indian Union?

- A. Travancore
- B. Hyderabad
- C. Jodhpur
- D. Mysore

**Q82 General Awareness**

The All India Services in India are created under which Article of the Constitution?

- A. Article 206
- B. Article 107
- C. Article 312
- D. Article 320

**Q83 General Awareness**

Which major initiative was approved by the Indian government in May 2025 to strengthen the country's defence capabilities?

- A. Acquisition of new aircraft carriers
- B. Deployment of nuclear submarines in the Indian Ocean
- C. Establishment of new army divisions along the northern border
- D. Development of a fifth-generation twin-engine stealth fighter jet

**Q84 General Awareness**

Which chemical reaction produces ortho-hydroxybenzoic acid, the primary reaction product used as a raw material for medications?

- A. Reimer-Tiemann reaction
- B. Stephen reaction
- C. Kolbe's reaction
- D. Friedel-Crafts reaction



Q85 General Awareness

The Supreme Court's doctrine of 'Basic Structure' (the Parliament CANNOT alter the basic features of the Constitution) was first established in which landmark case?

A. Kesavananda Bharati vs State of Kerala (1973) ✓

B. Minerva Mills vs Union of India (1980)

C. Shankari Prasad vs Union of India (1951)

D. IC Golaknath vs State of Punjab (1967)

Q86 General Awareness

The Directive Principles of State Policy aim to establish:

A. a police state

B. a democratic dictatorship

C. a welfare state ✓

D. a capitalist state

Q87 General Awareness

In the realm of cinema, documentaries are characterised by:

A. presenting real-world content for learning or leisure ✓

B. focusing on fictional suspense

C. aiming to communicate about mythological characters

D. fabricated storylines

Q88 General Awareness

Which of the following abbreviations is correctly matched with its meaning?

A. ASCII – Automated System for Computer Input

B. LAN – Large Area Network

C. CD – Compact Disc ✓

D. LAN – Local Area Node

Q89 General Awareness

Who among the following represented India in the 11th BRICS Environment Ministers Summit, 2025?

A. Bhupendra Yadav

B. Amandeep Garg ✓

C. S Jai Shankar

D. Amit Shah

Q90 General Awareness

An infrasound microphone enables the remote detection of aircraft wake vortices, clear air turbulence, tornadoes, and seismic events at frequencies below:

A. 30 Hz

B. 10 Hz

C. 5 Hz

D. 20 Hz ✓

Q91 General Awareness

Which of the following is an example of a tertiary activity?

A. Mining

B. Teaching ✓

C. Manufacturing

D. Farming

Q92 General Awareness

Who first proposed a law in 1931 to clarify the idea of thermal equilibrium and its significance in determining temperature?

A. Hugh L. Callendar

B. James P Espy

C. Ralph H Fowler ✓

D. Rudolf Clausius

Q93 General Awareness

What is the term of office for the President of India?

A. 6 years

B. 5 years ✓

C. 4 years

D. Until removed by Parliament

Q94 General Awareness

Post-independence, India adopted a planned approach to build a mixed economy. Which sector was given top priority under the First Five-Year Plan?

A. Agriculture ✓

B. Tertiary

C. Industry

D. Defence



Q95 General Awareness

Which of the following is a multipurpose river valley project?

A. Damodar Valley Project



B. Agra Canal

C. Sharda Canal

D. Indira Gandhi Canal

Q96 General Awareness

Which of the following states introduced India's first AI Anchor Ankita in a regional language in May 2025?

A. Madhya Pradesh

B. Kerala

C. Assam



D. Tamil Nadu

Q97 General Awareness

Who was the last Viceroy of India who oversaw the partition of India before leaving?

A. Lord Wavell

B. Lord Mountbatten



C. Lord Cripps

D. Pethick Lawrence

Q98 General Awareness

Which of the following characteristics is true about the Northern Plains?

A. Low fertility due to rocky terrain

B. Densely populated due to fertile soil



C. Presence of volcanic plateaus

D. High elevation with steep slopes

Q99 General Awareness

Which of the following Biosphere Reserves is located in Tamil Nadu?

A. Seshachalam Biosphere Reserve

B. Gulf of Mannar Biosphere Reserve



C. Dibru-Saikhowa Biosphere Reserve

D. Sundarbans Biosphere Reserve

Q100 General Awareness

Which weathering process involves the peeling of rock layers due to temperature variations?

A. Exfoliation



B. Oxidation

C. Solution

D. Frost action



Mathematics

30 Questions • Answer Key

Q1 Mathematics

A man makes a monthly payment equal to 33% of his monthly salary towards debt repayment. He spends 25% of the remaining salary and saves ₹402. His monthly salary (in ₹) is:

A. 734

B. 771

C. 800



D. 707

Q2 Mathematics

Veer bought some pens at the rate of ₹180/dozen. He sold them for ₹22 each. His profit percentage is _____% (rounded off to two decimal places).

A. 44.67

B. 46.67



C. 48.67

D. 50.67

Q3 Mathematics

The sum of the squares of two consecutive even natural numbers is 2452. The sum of the numbers is:

A. 46

B. 70



C. 54

D. 52

Q4 Mathematics

Sapna invested ₹20,900 on simple interest, partly at 10% per annum and partly at 9% per annum. If she earns equal interests from the two investments after 8 years, then find the sum invested at 10% per annum (in ₹).

A. 9,902

B. 9,897

C. 9,901

D. 9,900



Q5 Mathematics

Tiger and Disha have to travel from Delhi to Kanpur in their respective cars. Tiger is driving at 100 km/hr while Disha is driving at 35 km/hr. Find the time taken by Disha to reach Kanpur if Tiger takes 14 hours.

A. 36 hours

B. 45 hours

C. 40 hours



D. 47 hours

Q6 Mathematics

Find the value of: $57^{-9} \div 57^4 \times 57^{-10}$

A. 57-25

B. 57-18

C. 57-33

D. 57-23



Q7 Mathematics

A company earns a profit (in ₹) that is distributed among the company's three partners in the ratio of 13 : 3 : 9. If the difference between the smallest and the largest shares is ₹36,846, the total profit (in ₹) of the company is:

A. 92,110

B. 92,167

C. 92,115



D. 92,051

Q8 Mathematics

A wholesaler offers a trade discount of 15% on a product with a marked price of ₹12,000. After the trade discount, a scheme discount of 10% is applied on the reduced price. What is the final price the customer has to pay?

A. ₹9,180



B. ₹8,750

C. ₹8,400

D. ₹9,520



Q9 Mathematics

Given that $132^{0.14} = x$, $132^{0.26} = y$ and $x^z = y^2$, then the value of z is close to:

A. 5.03

B. 4.84

C. 3.71



D. 2.37

Q10 Mathematics

The average of first 156 even numbers is

A. 156.5

B. 157.5

C. 158

D. 157

**Q11 Mathematics**

The LCM of the numbers 6.3 and 0.07 is:

A. 0.063

B. 0.63

C. 63

D. 6.3

**Q12 Mathematics**

Five solid cubes, each of volume 15625 cm^3 , are joined end to end to form a cuboid. What is the lateral surface area (in cm^2) of the cuboid?

A. 7591

B. 7280

C. 7500



D. 7593

Q13 Mathematics

M and N start a business. M invests ₹49,000 more than N for 6 months and N invests for 7 months. M's share is ₹207 more than that of N, out of a total profit of ₹3,519. Find the capital contributed by M.

A. ₹2,05,873

B. ₹2,05,705

C. ₹2,05,777

D. ₹2,05,800

**Q14 Mathematics**

A sum of ₹625 is invested in a bank at 16% interest per annum compounded annually. On maturity, the amount payable becomes ₹841. Find the time period of the investment.

A. 2 years



B. 1.5 years

C. 2.5 years

D. 1 year

Q15 Mathematics

If the third proportional of 60 and 30 is x , then what is the value of x ?

A. 16

B. 13

C. 18

D. 15

**Q16 Mathematics**

The average weight (in kg) of a family of five members whose weights are 40 kg, 49 kg, 56 kg, 74 kg and 37 kg is:

A. 52.2

B. 53.2

C. 50.2

D. 51.2

**Q17 Mathematics**

A balloon's radius increases to 5 times itself when the air is pumped in it. Find the ratio in the surface areas of the balloon after pumping the air to that before pumping the air.

A. 25 : 1



B. 5 : 1

C. 10 : 1

D. 1 : 5

Q18 Mathematics

In covering a distance of 112 km, Salaj takes 3 hours more than Kevin. If Salaj doubles his speed, then he would take 5 hours less than Kevin. Salaj's speed is:

A. 6 km/hr

B. 7 km/hr



C. 10 km/hr

D. 5 km/hr



Q19 Mathematics

The number 648679059 is divisible by which of the following?

A. 10

B. 3



C. 11

D. 8

Q20 Mathematics

Find the difference between a single discount of 20% and two successive discounts of 10% and 10% on a gift of ₹600.

A. ₹3

B. ₹5

C. ₹1

D. ₹6

**Q21 Mathematics**

A shopkeeper lists the price of a fan at 25% above its cost price and offers a 16% discount on its list price. If he earns a profit of ₹64, then what is the list price (in ₹) of the fan?

A. 1,419

B. 1,354

C. 1,701

D. 1,600

**Q22 Mathematics**

If 3 times Mary's present age is 29 years more than 5 times Diya's present age, and 2 times Diya's present age is 9 years less than Mary's present age, then what is the difference (in years) between the ages of Mary and Diya?

A. 8

B. 7

C. 9

D. 11

**Q23 Mathematics**

The number 267533 is divisible by which of the following?

A. 6

B. 12

C. 7



D. 5

Q24 Mathematics

Pipe P can fill $\frac{4}{9}$ part of a tank in 20 hours, and pipe Q can fill $\frac{2}{9}$ part of the same tank in 30 hours.

Both P and Q were kept open for 3 hours, then both were closed. Pipe R alone was then opened and it emptied the water in the tank in 4 hours. Pipes P, Q and R together can fill the empty tank in:

A. 147 hours

B. 117 hours

C. 135 hours



D. 115 hours



Q25 Mathematics

The value of $\frac{3}{2} + \left(\frac{1}{1 + \frac{5}{8}} \right) - \frac{4}{3}$ is

A. $\frac{61}{78}$



B. $\frac{54}{85}$

C. $\frac{52}{79}$

D. $\frac{68}{71}$

Q26 Mathematics

Simplify: $3 \left(\left(\frac{6}{3} \right) x^2 - 22x + 14 \right) - 6(x^2 + 6x - 15)$

A. $102x + 132$

B. $102x - 132$

C. $-102x + 132$



D. $-102x - 132$

Q27 Mathematics

By how much is 65% of 65 greater than $\frac{2}{5}$ of 55?

A. 20.25



B. 14.25

C. 18.25

D. 17.25

Q28 Mathematics

If $K \times \frac{\sin A - 2\sin^3 A}{2\cos^3 A - \cos A} = 1$, then the value of K is:

A. cosecA

B. tanA

C. 1

D. cotA



Q29 Mathematics

A can do a work in 16 days and B can do the same work in 22 days. If they work on it together for 2 days, then what fraction of the work is left?

A. $\frac{73}{88}$

B. $\frac{79}{88}$

C. $\frac{69}{88}$ ✓

D. $\frac{71}{88}$

Q30 Mathematics

ABCD is a quadrilateral whose sides are equal and $\angle ABC = 90^\circ$. If the opposite sides are parallel and opposite angles are equal, then ABCD is a:

A. rectangle

B. rhombus

C. square ✓

D. kite

General Intelligence & Reasoning

30 Questions • Answer Key

Q31 General Intelligence & Reasoning

What will come in place of the question mark (?) in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged?

$$4 \div 13 + 96 \times 8 - 14 = ?$$

A. 52

B. 54 ✓

C. 56

D. 50

Q32 General Intelligence & Reasoning

Jack starts from Point A and drives 5 km towards South. He then takes a left turn, drives 7 km, turns left and drives 3 km. He then takes a left turn and drives 2 km. He takes a final right turn, drives 2 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90° turns only unless specified.)

A. 7 km towards South

B. 7 km towards West

C. 5 km towards West ✓

D. 5 km towards East

Q33 General Intelligence & Reasoning

Pratik ranked 14th from the bottom and 27th from the top in his class. How many students are there in his class?

A. 39

B. 37

C. 40 ✓

D. 38



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Q34 General Intelligence & Reasoning

In the following triads, each group of letters is related to the subsequent one following a certain logic. Select from the given options, the one which follows the same logic.

CORD - RCOD - DROC

KIND - NKID - DNIK

A. WANT - NWAT - TNAW



B. SLAP - ASLP - LAPS

C. TEAR - TAER - RAET

D. BEAT - EBAT - TEAB

Q35 General Intelligence & Reasoning

In a certain code language, 'CAKE' is coded as '7209' and 'ACHE' is coded as '0295'. What is the code for 'H' in the given code language ?

A. 9

B. 0

C. 2

D. 5

**Q36 General Intelligence & Reasoning**

Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. DKG

B. RYV



C. AHD

D. GNJ

Q37 General Intelligence & Reasoning

Aditya ranked 34th from the top and 44th from the bottom in his class. How many students are there in his class?

A. 79

B. 77



C. 76

D. 78

Q38 General Intelligence & Reasoning

This question is based on the five, three-digit numbers given below.

(Left) 218 168 879 953 622 (Right)

(Example: 697 – First digit = 6, second digit = 9 and third digit = 7)

(NOTE: All operations to be done from left to right.)

If all the numbers are arranged in descending order, which of the following will be the second digit of the fourth number from the left after the arrangement?

A. 8

B. 9

C. 1



D. 2

Q39 General Intelligence & Reasoning

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.

Statements:

Some fuses are wires.

No wire is a battery.

Conclusions:

(I) Some fuses are batteries.

(II) Some wires are fuses.

A. Only conclusion (II) follows.



B. Only conclusion (I) follows.

C. Neither conclusion (I) nor (II) follows.

D. Both conclusions (I) and (II) follow.

Q40 General Intelligence & Reasoning

S is the daughter of M. M is the wife of A. A is the father of R. R is the brother of T. How is S related to T?

A. Sister



B. Daughter

C. Son

D. Mother



Q41 General Intelligence & Reasoning

A, B, C, D, J, K and L are sitting around a circular table, facing the centre of the table. Only two people sit between K and J when counted from the right of K. Only three people sit between D and B when counted from the right of B. J sits to the immediate right of B. A sits to the immediate right of L. Who sits fourth to the right of C?

A. D

B. L

C. J

D. A

**Q42 General Intelligence & Reasoning**

If + means -, - means ×, × means ÷ and ÷ means +, then what will come in place of the question mark (?) in the following equation?

$$17 \div 44 \times 4 + 6 - 4 = ?$$

A. 24

B. 17

C. 4



D. 9

Q43 General Intelligence & Reasoning

Pavan starts from Point Y and drives 39 km towards the north. He then takes a right turn and drives 79 km, then turns right and drives 48 km. He then takes a right turn and drives 43 km. He takes a right turn and drives 73 km. He then turns left, drives 36 km and stops at Point Z. How far (shortest distance) and in which direction should he drive in order to reach Point Y again? (All turns are 90-degree turns only unless specified.)

A. 57 km towards the west

B. 72 km towards the north

C. 74 km towards the east

D. 64 km towards the south

**Q44 General Intelligence & Reasoning**

Select the pair that follows the same pattern as that followed by the two set of pairs given below. Both pairs follow the same pattern.

PFI : NGE

GKJ : ELF

A. NCH : LDE

B. RNQ : PON

C. IDO : GEK



D. EEI : CGE

Q45 General Intelligence & Reasoning

In a certain code language, 'WINE' is coded as '4512' and 'NETI' is coded as '5624'. What is the code for 'T' in the given code language?

A. 2

B. 6



C. 4

D. 5

Q46 General Intelligence & Reasoning

Six passengers L, M, N, P, Q and R are sitting on a bench in a straight line. They all are facing towards the north. M is sitting immediately between L and R. Q is sitting at the extreme right end of line. M is sitting second to the left of Q. R is sitting to the immediate left of Q. P is not an immediate neighbour of L. Who is sitting to the immediate left of L?

A. P

B. M

C. N



D. R

Q47 General Intelligence & Reasoning

Each of the digits in the number 8453126 is arranged in ascending order from left to right. The position(s) of how many digits will remain unchanged as compared to that in the original number?

A. Three

B. One

C. None



D. Two

Q48 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. NGL

B. JCH

C. QJO

D. UNR



Q49 General Intelligence & Reasoning

In the following number-pairs, the second number is obtained by applying certain mathematical operations to the first number. Select the pair in which the numbers are related in the same way as are the numbers of the following pairs.

(Note: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g., 13 – Operations on 13 such as adding/subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

541, 448
362, 269

A. 470, 374

B. 459, 366

C. 642, 546

D. 564, 469

Q50 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series?

28 29 31 35 43 ?

A. 56

B. 59

C. 57

D. 58

Q51 General Intelligence & Reasoning

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements: Some trees are chisels. Some chisels are graphs.

Conclusions (I): Some trees are graphs.

Conclusions (II): All graphs are chisels.

A. Neither conclusion (I) nor (II) follows.

B. Both conclusions (I) and (II) follow.

C. Only conclusion (II) follows.

D. Only conclusion (I) follows.

Q52 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series based on the English alphabetical order?
YCS KOE WAQ IMC ?

A. UOY

B. UYO

C. YOU

D. YUO

Q53 General Intelligence & Reasoning

If 'A' stands for '+', 'B' stands for 'x', 'C' stands for '+' and 'D' stands for '-', then what will come in place of the question mark (?) in the following equation?

56 D 23 C 69 B 2 D 79 C 36 B 9 A 3 = ?

A. 200

B. 223

C. 314

D. 150

Q54 General Intelligence & Reasoning

Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) 6 & % 4 @ 8 9 \$ 5 & 1 Ω 3 # 2 * £ 7 (Right)

If all the symbols are dropped from the series, which of the following will be seventh from the right?

A. 9

B. 5

C. 8

D. 4

Q55 General Intelligence & Reasoning

Seven boxes F, G, H, I, K, L and O are kept one over the other but not necessarily in the same order. Only G is kept above I. Only two boxes are kept between I and O. Only L is kept below F. H is not kept immediately above O.

How many boxes are kept between K and L?

A. One

B. Two

C. Three

D. Four



Q56 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series?

3 5 9 23 39 ?

A. 65



B. 68

C. 64

D. 66

Q57 General Intelligence & Reasoning

EJRX is related to HLUZ in a certain way based on the English alphabetical order. In the same way, QRDF is related to TTGH. To which of the following options is ZXML related, following the same logic?

A. CGNH

B. CPNG

C. CZPN



D. CZNP

Q58 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series based on the English alphabetical order? ATE VOZ QJU LEP ?

A. GZK



B. HZK

C. GYK

D. GZL

Q59 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter cluster pairs are alike in a certain way and thus form a group. Which pair DOES NOT belong to that group? (NOTE: The odd one out is not based on the number of consonants/vowels or their position in the letter cluster.)

A. IE-LH

B. MI-PL

C. FB-ID



D. RN-UQ

Q60 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series?

451 450 442 415 351 ?

A. 226



B. 232

C. 228

D. 236

General Awareness

40 Questions • Answer Key

Q61 General Awareness

Which of the following steps correctly describes how to move a file or folder using the Cut and Paste method?

A. Select file → Edit → Cut or Ctrl + X → Go to new location → Edit → Paste or Ctrl + V



B. Select file → Right-click → Copy → Go to new location → Right-click → Paste

C. Open file → Click Close → Open Recycle Bin

D. Select file → Press Ctrl + C → Go to new location → Press Delete

Q62 General Awareness

Which Constitutional Amendment Act restored the Parliament's power to amend Fundamental Rights?

A. 52nd Amendment Act, 1985

B. 42nd Amendment Act, 1976

C. 44th Amendment Act, 1978

D. 24th Amendment Act, 1971



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Q63 General Awareness

An economist and a renowned literary personality with a vast reader base in India and abroad, Prof. Arunoday Saha, who was honoured with Padma Shri in 2025, belongs to which Indian state?

- A. Mizoram
- B. Odisha
- C. Tripura ✓
- D. West Bengal

Q64 General Awareness

Where was the third Meeting of States Parties to the Treaty on the Prohibition of Nuclear Weapons (TPNW) held in 2025?

- A. Brussels
- B. Geneva
- C. New York City ✓
- D. Vienna

Q65 General Awareness

Who among the following created history by scoring 9000 runs in T20 in May 2025?

- A. Rohit Sharma
- B. KL Rahul
- C. Tilak Verma
- D. Virat Kohli ✓

Q66 General Awareness

The Constitution (One Hundred and Twenty-Ninth Amendment) Bill, introduced in the Lok Sabha on 17 December 2024, seeks to empower:

- A. the President to declare different proclamations of national emergency on different grounds simultaneously
- B. the State to make any special provision for the advancement of the economically weaker section (EWS) of citizens
- C. the Parliament to make laws to deal with anti-national activities
- D. the Election Commission to conduct elections for Lok Sabha and all State Assemblies at the same time ✓

Q67 General Awareness

Which type of unemployment is most prevalent in Indian agriculture during the non-sowing season?

- A. Structural Unemployment
- B. Seasonal Unemployment ✓
- C. Cyclical Unemployment
- D. Disguised Unemployment

Q68 General Awareness

What was the name of the legend who spearheaded the Munda Rebellion?

- A. Nirmal Munda
- B. Prakash Munda
- C. Birsa Munda ✓
- D. Kariya Munda

Q69 General Awareness

What significant milestone did India achieve in satellite communication (satcom) as of 21 May 2025?

- A. Initiated the fastest global rollout of satellite-based communication services ✓
- B. Banned all foreign satellite communication providers
- C. Completed the construction of a national space station
- D. Launched the world's first 7G satellite

Q70 General Awareness

Which body recommends the distribution of tax revenue between the Centre and States?

- A. Comptroller and Auditor General
- B. Finance Commission ✓
- C. NITI Aayog
- D. Supreme Court

Q71 General Awareness

Which of the following agencies launched the 'Medical Innovations Patent Mitra' in 2025?

- A. DST
- B. ICMR ✓
- C. NITI Aayog
- D. AIIMS New Delhi



Q72 General Awareness

In the Great Indian Plains of India, which kind of soil is found on a large scale?

- A. Laterite soil
- B. Alluvial soil ✓
- C. Black soil
- D. Red soil

Q73 General Awareness

Simone Biles, the winner of the 2025 Laureus World Sportswoman of the Year award, is associated with the sport of ____.

- A. swimming
- B. tennis
- C. track and field
- D. gymnastics ✓

Q74 General Awareness

Which one of the following hypotheses/theories explains the formation of the solar system from a rotating cloud of gas and dust?

- A. Plate Tectonics Theory
- B. Continental Drift Theory
- C. Big Bang Theory
- D. Nebular Hypothesis ✓

Q75 General Awareness

Which of the following was among the first financial institutions in India to receive an 'in principle' approval from the Reserve Bank of India (RBI) to set up a bank in the private sector?

- A. Kotak Mahindra Bank Limited
- B. HDFC Limited ✓
- C. Axis Bank Limited
- D. IndusInd Bank Limited

Q76 General Awareness

Which organisation successfully developed an indigenous nanoporous multilayered polymeric membrane for high-pressure seawater desalination in May 2025?

- A. Defence Research & Development Organisation (DRDO) ✓
- B. Council of Scientific and Industrial Research (CSIR)
- C. Bhabha Atomic Research Centre (BARC)
- D. Indian Space Research Organisation (ISRO)

Q77 General Awareness

In 2025, which of the following disputes between two countries escalated due to increased military activities near the Line of Actual Control (LAC)?

- A. India–China dispute in Eastern Ladakh
- B. India–Sri Lanka dispute over Katchatheevu Island
- C. India–Nepal dispute over Kalapani
- D. India–Pakistan dispute over Siachen ✓

Q78 General Awareness

Wildlife sanctuaries in India are primarily established for:

- A. protecting endangered species ✓
- B. generating forest revenue
- C. urban development
- D. promoting eco-tourism

Q79 General Awareness

In 2025 news, Guillain-Barré Syndrome (GBS) primarily impacts which part of the human body system?

- A. Peripheral nervous system ✓
- B. Immune system
- C. Circulatory system
- D. Digestive system

Q80 General Awareness

Which of the following pigments is present in vegetables like spinach, giving it the characteristic green colour?

- A. Chlorophyll ✓
- B. Lutein
- C. Anthocyanin
- D. Xanthophyll

Q81 General Awareness

The Faraizi Movement's no-tax campaign primarily targeted the ____.

- A. Mughal officials
- B. Local tribal rulers
- C. British Army
- D. Indigo planters and zamindars ✓



Q82 General Awareness

Women play a significant role in rural livelihoods and household management. What is the minimum percentage of seats reserved for women in Panchayati Raj Institutions?

- A. 25%
- B. 50%
- C. 43%
- D. 33%

**Q83 General Awareness**

In which of the following years was Indian Universities Act enacted to impose stiff control over Indian Universities?

- A. 1893
- B. 1900
- C. 1904
- D. 1886

**Q84 General Awareness**

What is the function of device drivers in an operating system?

- A. To install software updates
- B. To clean temporary files
- C. To create new user accounts
- D. To manage communication between OS and hardware

**Q85 General Awareness**

Which mountain range forms the eastern boundary of the Deccan Plateau?

- A. Western Ghats
- B. Vindhya Range
- C. Eastern Ghats
- D. Satpura Range

**Q86 General Awareness**

Which Article empowers the High Courts to issue writs for the enforcement of Legal and Fundamental Rights?

- A. Article 124
- B. Article 136
- C. Article 226
- D. Article 324

**Q87 General Awareness**

How many new judges were sworn-in to the Supreme Court of India on 30 May 2025?

- A. three
- B. six
- C. four
- D. two

**Q88 General Awareness**

What is the main content of the four Vedas composed during the Early Vedic period?

- A. Agricultural manuals
- B. Laws and rituals
- C. Prayers and hymns
- D. War strategies

**Q89 General Awareness**

The governor of a province (bhukti) in the Pala and Pratihara empire was called:

- A. Rashtrapati
- B. Visayapati
- C. Koshtapala
- D. Uparika

**Q90 General Awareness**

The Mahatma Gandhi National Rural Employment Guarantee Act (MGNREGA) provides legal assurance of wage employment in rural areas. Under MGNREGA, how many days of guaranteed wage employment per year is a rural household entitled to?

- A. 50 days
- B. 200 days
- C. 150 days
- D. 100 days

**Q91 General Awareness**

What is the main advantage of road transport over railways?

- A. Door-to-door service
- B. Environment-friendly
- C. Suitable for long distances
- D. Cheaper and faster than railway transport over long distances



Q92 General Awareness

In which year were the Indian Civil Service (ICS) and Indian Police (IP) replaced by the Indian Administrative Service (IAS) and Indian Police Service (IPS), later recognised as All-India Services?

A. 1950

B. 1945

C. 1947

D. 1946

Q93 General Awareness

Who is the chief judge of the Supreme Court of India, as of May 2025?

A. Bhushan R Gavai

B. DY Chandrachud

C. NV Ramana

D. Sharad Arvind Bobde

Q94 General Awareness

Under the National Action Plan on Climate Change (NAPCC), which mission specifically promotes the development of solar energy in India?

A. National Green Mission

B. National Solar Mission

C. Mission on Sustainable Habitat

D. National Water Mission

Q95 General Awareness

Which of the following is the official language of the state of Manipur?

A. Meitei

B. Bodo

C. Mizo

D. Khasi

Q96 General Awareness

Who among the following is regarded as the father of modern Hindi literature and theatre?

A. Jaishankar Prasad

B. Premchand

C. Bharatendu Harishchandra

D. Mahavir Prasad Dwivedi

Q97 General Awareness

Which Article of the Constitution mandates the establishment of the National Commission for Scheduled Castes?

A. Article 338

B. Article 342

C. Article 335

D. Article 340

Q98 General Awareness

Consider the following vitamins.

1. Vitamin A
2. Vitamin B6
3. Vitamin C
4. Vitamin D

Which of them is/are fat-soluble?

A. Only 1 and 4

B. Only 2 and 3

C. Only 1 and 2

D. Only 1, 2 and 3

Q99 General Awareness

Who is best known for being associated with the theory of quantum mechanics, published in 1925?

A. Wolfgang Pauli

B. Heinrich Rudolf Hertz

C. Ernest Rutherford

D. Werner Heisenberg

Q100 General Awareness

Which of the following leaders co-chaired the AI Action Summit in Paris with Indian Prime Minister Narendra Modi?

A. Emmanuel Macron

B. Mark Rutte

C. Valdimir Putin

D. Joe Biden



Mathematics

30 Questions • Answer Key

Q1 Mathematics

What smallest number should be added to 63130 so that the sum is completely divisible by 13?

A. 9

B. 13

C. 8

D. 11



Q2 Mathematics

9 men can complete a piece of work in 8 days, while 4 women can do it in 9 days. In how many days can 2 women and 4 men complete this work?

A. 8 days

B. 9 days



C. 11 days

D. 6 days

Q3 Mathematics

A man goes to Lucknow from Kanpur at a speed of 15 km/hr and returns to Kanpur at speed of 30 km/hr, through the same route. What is his average speed (in km/hr) of the entire journey?

A. 22

B. 14

C. 19

D. 20



Q4 Mathematics

The length of the base of a triangle is 2 cm more than the corresponding height. If the area of the triangle is 220 cm^2 , then find the length of the base of the triangle.

A. 26 cm

B. 24 cm

C. 18 cm

D. 22 cm



Q5 Mathematics

If the volume of the cuboid is 440 cm^3 and the area of its base is 88 cm^2 , the height of the cuboid is:

A. 44 cm

B. 5 cm



C. 2 cm

D. 8 cm

Q6 Mathematics

A shopkeeper marked a toy car at ₹850 and sold it by allowing 15% discount, thereby gaining 25%. Find the cost price of the toy car.

A. ₹662

B. ₹638

C. ₹578



D. ₹723

Q7 Mathematics

If the third proportional of 28 and 70 be x, then what is the value of x?

A. 174

B. 175



C. 173

D. 172

Q8 Mathematics

₹37,600 were divided among A, B and C such that 4 times of A = 6 times of B = 7 times of C. Find the share of A.

A. ₹16,600

B. ₹17,000

C. ₹16,800



D. ₹17,200

Q9 Mathematics

The number 476643 is divisible by which of the following?

A. 3



B. 4

C. 8

D. 2



Q10 Mathematics

The product of two positive numbers is 1805. If the first number is five times the second number, then the sum of the two numbers is:

A. 126

B. 114



C. 127

D. 107

Q11 Mathematics

If 5 times a son's age is added to his father's age, the sum is 42 years. If 2.8 times the father's age is added to the son's age, the sum is 76 years. What is the father's age (in years)?

A. 26



B. 31

C. 21

D. 30

Q12 Mathematics

Find the value of $55^{-6} \div 55^5 \times 55^{-8}$.

A. 55^{-13}

B. 55^{-19}



C. 55^{-17}

D. 55^{-20}

Q13 Mathematics

A number, when increased by 100%, gives 2810. The number is:

A. 4215

B. 2810

C. 1405



D. 702.5

Q14 Mathematics

The HCF and the LCM of two numbers are 4 and 2600, respectively. If one of the numbers is 104, find the other one.

A. 250

B. 200

C. 50

D. 100

**Q15 Mathematics**

Train A leaves station M at 6:35 AM and reaches station N at 3:35 PM on the same day. Train B leaves station N at 8:35 AM and reaches station M at 2:35 PM on the same day. Find the time when trains A and B meet.

A. 11:43 AM

B. 12:23 PM

C. 11:03 AM

D. 11:23 AM

**Q16 Mathematics**

The LCM of the numbers 4.9 and 0.008 is:

A. 98

B. 0.98

C. 0.098

D. 9.8

**Q17 Mathematics**

A, B and C invested a sum in the ratio of 72 : 12 : 36, respectively. If they earned a total profit of ₹3,560 at the end of year, what is the difference between the shares of B and C?

A. ₹712



B. ₹610

C. ₹620

D. ₹722

Q18 Mathematics

A laptop is marked at ₹50,000. A shopkeeper offers a festival discount of 10%, followed by an additional discount of 8% on the reduced price. What is the final selling price of the laptop?

A. ₹41,800

B. ₹42,200

C. ₹42,000

D. ₹41,400

**Q19 Mathematics**

I bought two shirts for ₹1,200. I sold the first one at a loss of 7% and the second at a gain of 28%. If, on the whole I made neither a loss nor a gain, find the cost price (in ₹) of the first shirt.

A. 980

B. 944

C. 960



D. 984



Q20 Mathematics

The median of the observations 6, 48, 32, 3, 37 and 18 is:

A. 30

B. 25



C. 27

D. 32

Q21 Mathematics

The average of first 148 odd natural numbers, is:

A. 147.5

B. 149

C. 148.5

D. 148

**Q22 Mathematics**

The income of Raman is ₹44,000. He saves 18.5% of his income. If his income increases by 17% and expenditure increases by 40%, then his savings will:

A. increase by ₹6,859

B. increase by ₹6,862

C. decrease by ₹6,864



D. decrease by ₹6,860

Q23 Mathematics

What sum of money (in ₹) will amount to ₹2,280 at 5% per annum simple interest in 5 years?

A. ₹1,874

B. ₹9,120

C. ₹1,774

D. ₹1,824

**Q24 Mathematics**

Pipe A can fill a tank in 13 hours, pipe B can fill the same tank in 26 hours and pipe C can fill the same tank in 17 hours. The time taken by them to fill the same tank if they operate together is::

A. $4\frac{57}{77}$ hours

B. $8\frac{57}{77}$ hours

C. $5\frac{57}{77}$ hours



D. $9\frac{57}{77}$ hours

Q25 Mathematics

Simplify the following.

$$3\left(\left(\frac{7}{3}\right)x^2 - 25x + 12\right) - 7(x^2 + 8x - 16)$$

A. $131x + 148$

B. $131x - 148$

C. $-131x - 148$

D. $-131x + 148$



Q26 Mathematics

ABCD is a trapezium in which $BC \parallel AD$ and $AC = CD$. If $\angle ABC = 38^\circ$ and $\angle BAC = 65^\circ$, then what is the measure of $\angle ACD$ (in degree)?

A. 34

B. 37

C. 26



D. 11

Q27 Mathematics

Simplify: $\operatorname{cosec}\theta(1 - \cos\theta)(\operatorname{cosec}\theta + \cot\theta)$

A. $\cos\theta$ B. -1 C. $\sin\theta$

D. 1

**Q28** Mathematics

The value of $\sqrt{289} + \sqrt{0.0324} - \sqrt{4.41}$ is ____.

A. 15.08



B. 6.9

C. 13.69

D. 8.28

Q29 Mathematics

By selling an article at $\frac{4}{10}$ of its actual selling price, Nirbhay incurs a loss of 28%.

If he sells it at 82% of its actual selling price, then the profit percentage is:

A. 50.3%

B. 49.5%

C. 48.8%

D. 47.6%

**Q30** Mathematics

The simple interest on a certain sum for $4\frac{2}{9}$ years at the rate of 4.5% per annum is ₹8,778.

What will be the amount payable on the same sum at the rate of 5.5% per annum simple interest in $2\frac{5}{7}$ years?

A. ₹53,097



B. ₹53,091

C. ₹53,083

D. ₹53,089



Q31 General Intelligence & Reasoning

Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

IVP 16 HQM 5 GLJ -6 ? EBD -28

A. GHI -30

B. FGG -17



C. HJI 21

D. BHJ 19

Q32 General Intelligence & Reasoning

Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.

(Note: All numbers are single digit numbers only)

(Left) 5 ^ * # 0 2 4 @ % 9 \$ % 3 > @ 7 & * (Right)

If all the numbers are dropped from the series, which of the following will be sixth from the left?

A. %

B. \$



C. @

D. #

Q33 General Intelligence & Reasoning

AGPV is related to DKSZ in a certain way based on the English alphabetical order. In the same way, MWBL is related to PAEP. To which of the given options is VIKX related, following the same logic?

A. TBNH

B. YMBN

C. YBNM

D. YMNB

**Q34** General Intelligence & Reasoning

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

All bears are ants.

No bear is a horse.

Conclusions:

(I) No ant is a horse.

(II) No horse is a bear.

A. Both conclusions (I) and (II) follow.

B. Neither conclusion (I) nor (II) follows.

C. Only conclusion (I) follows.

D. Only conclusion (II) follows.

**Q35** General Intelligence & Reasoning

Seven people, T, U, V, W, X, Y and D, are sitting around a circular table facing the centre of the table. Only two people sit between X and U when counted from the right of X. Only three people sit between Y and W when counted from the right of W. U sits to the immediate right of W. D sits to the immediate right of T. Who sits fourth to the right of V?

A. D



B. U

C. T

D. X

Q36 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. BZX

B. HFD

C. TRP

D. YOU



Q37 General Intelligence & Reasoning

Each of the digits in the number 8234619 is arranged in ascending order from left to right. The position(s) of how many digits will remain unchanged as compared to that in the original number?

A. Five



B. Four

C. Three

D. Six

Q38 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series based on the English alphabetical order?

VOR TMP RKN PIL ?

A. NHJ

B. NHI

C. NGI

D. NGJ

**Q39 General Intelligence & Reasoning**

Select the number from among the given options that can replace the question mark (?) in the following series.
174 152 134 120 110 ?

A. 90

B. 94

C. 100

D. 104

**Q40 General Intelligence & Reasoning**

What should come in place of the question mark (?) in the given series?

93 108 131 162 201 ?

A. 248



B. 241

C. 228

D. 235

Q41 General Intelligence & Reasoning

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements: All game are ludo. All ludo are drum.

Conclusions (I): Some drum are ludo.

Conclusions (II): All game are drum.

A. Only conclusion (I) follows.

B. Neither conclusion (I) nor (II) follows.

C. Both conclusions (I) and (II) follow.



D. Only conclusion (II) follows.

Q42 General Intelligence & Reasoning

In the following triads, each group of letters is related to the subsequent one following a certain logic. Select from the given options, the one which follows the same logic.

PACK – AKCP – KCAP

FOLD – ODLF – DLOF

A. BELT – EBLT – TELB

B. APES – AEPS – SEPA

C. CLAP – LPAC – PALC



D. SUIT – USIT – TUIS

Q43 General Intelligence & Reasoning

Select the pair which follows the same pattern as that followed by the two pairs given below. Both pairs follow the same pattern.

PGS : LBO

HWK : DRG

A. CAL : GVP

B. LHC : PEG

C. XQA : TLW



D. QFM : VKP

Q44 General Intelligence & Reasoning

What will come in the place of the question mark (?) in the following equation, if '÷' and '-' are interchanged and 'x' and '+' are interchanged?

$45 + 5 \div 5 \times 6 - 3 + 24 \times 9 \div 3 \times 2 = ?$

A. 276



B. 198

C. 246

D. 260



Q45 General Intelligence & Reasoning

Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) 2 & * 4 6 % @ 7 \$ & 1 # Ω 3 @ 8 * £ 5 9 (Right)

How many such symbols are there, each of which is immediately preceded by a number and also immediately followed by another number?

- A. More than two
- B. None
- C. One
- D. Two

Q46 General Intelligence & Reasoning

Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding to/subtracting from/multiplying with 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(92, 6, 552)

(98, 5, 490)

- A. (48, 6, 478)
- B. (84, 7, 588)
- C. (52, 8, 438)
- D. (46, 9, 405)

Q47 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series?

12 13 15 19 27 ?

- A. 43
- B. 48
- C. 45
- D. 44

Q48 General Intelligence & Reasoning

If + means –, – means ×, × means ÷ and ÷ means +, then what will come in the place of the question mark (?) in the following equation?

$$26 + 14 - 2 \div 56 \times 7 = ?$$

- A. 6
- B. 21
- C. 14
- D. 10

Q49 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group? (Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

- A. NIL
- B. RMO
- C. KFH
- D. UPR

Q50 General Intelligence & Reasoning

Navjyot ranked 15th from the bottom and 19th from the top in his class. How many students are there in his class?

- A. 33
- B. 32
- C. 31
- D. 34

Q51 General Intelligence & Reasoning

H, I, J, P, Q, R and S are sitting around a circular table facing the centre of the table. P sits third to the left of Q. R sits second to the left of S. Q is an immediate neighbour of both I and R. H is not an immediate neighbour of P. How many people sit between J and R when counted from the right of J?

- A. Three
- B. One
- C. Two
- D. Four



Q52 General Intelligence & Reasoning

In a certain code language,
 $A + B$ means 'A is the son of B',
 $A - B$ means 'A is the sister of B',
 $A \times B$ means 'A is the wife of B' and
 $A \div B$ means 'A is the father of B'.

How is Q related to D if ' $Q \div E + R - C \times D$ '?

A. Wife's sister's husband ☒

B. Husband

C. Son

D. Sister's husband

Q53 General Intelligence & Reasoning

In a certain code language, 'BALD' is coded as '6184' and 'LAMB' is coded as '4136'. What is the code for 'M' in the given code language?

A. 4

B. 1

C. 3 ☒

D. 6

Q54 General Intelligence & Reasoning

If 'A' stands for ' $\div$ ', 'B' stands for ' $\times$ ', 'C' stands for ' $+$ ' and 'D' stands for ' $-$ ', what will come in place of the question mark (?) in the following equation?

$44 \text{ D } 9 \text{ B } 6 \text{ C } 52 \text{ A } 4 = ?$

A. 8

B. 21

C. 3 ☒

D. 14

Q55 General Intelligence & Reasoning

Shivam starts from point X and drives 12 km towards the east. He then takes a left turn, drives 5 km, turns right and drives 5 km. He then takes a right turn and drives 2 km. He then takes a right turn, drives 7 km. He then takes a left turn and drives 10 km. He then takes a final right turn and drives 10 km and stops at point Z. How far and towards which direction should he drive in order to reach point X again? (All turns are 90 degrees unless specified)

A. 7 km north ☒

B. 7 km south

C. 5 km south

D. 10 km north

Q56 General Intelligence & Reasoning

Seven boxes A, B, C, D, K, L and O are kept one over the other but not necessarily in the same order. Only four boxes are kept between B and D. Only C is kept above B. Only two boxes are kept between L and O. A is kept immediately above K. O is not kept immediately above A. Which box is kept fourth from the top?

A. L

B. D

C. C

D. A ☒

Q57 General Intelligence & Reasoning

In a certain code language, 'keep it fun' is coded as 'tr cj ly' and 'lets have fun' is coded as 'mg ly ev'. How is 'fun' coded in the given language?

A. ly ☒

B. tr

C. cj

D. ev

Q58 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. JN-QG ☒

B. DH-KB

C. GK-NE

D. MQ-TK

Q59 General Intelligence & Reasoning

Manish started from Point A and travelled 8 km towards the north. He then turned right and travelled 7 km. Then, he turned right and travelled 5 km. He then took a right and travelled 7 km and stopped at Point P. How far (shortest distance) and towards which direction should he drive to reach Point A? (All turns are 90-degree turns only.)

A. 4 km towards east

B. 2 km towards west

C. 3 km towards south ☒

D. 5 km towards north



Q60 General Intelligence & Reasoning

Seven boxes A, B, C, D, E, F and G are kept one over the other but not necessarily in the same order. Only B is kept above C. Exactly two boxes are kept between G and F. E is kept immediately above A. No box is kept below F. How many boxes are kept above D?

A. Three

B. One

C. Two



D. Four

General Awareness

40 Questions • Answer Key

Q61 General Awareness

The Mediterranean region is best known for which type of vegetation?

A. Coniferous forests

B. Deciduous forests

C. Mangroves

D. Scrub and drought-resistant trees

**Q62 General Awareness**

Which Constitutional Amendment granted constitutional status to the Panchayati Raj system in India?

A. 42nd Constitutional Amendment Act, 1976

B. 74th Constitutional Amendment Act, 1992

C. 97th Constitutional Amendment Act, 2011

D. 73rd Constitutional Amendment Act, 1992

**Q63 General Awareness**

What was the name of the bilateral naval exercise held between India and Russia in the Bay of Bengal and Chennai from 28 March to 2 April 2025?

A. SHAKTI

B. INDRA



C. VARUNA

D. BRAHMA

Q64 General Awareness

What is the percentage of urban population in India according to Census 2011?

A. 39.40%

B. 31.2%



C. 35.3%

D. 36.4%

Q65 General Awareness

Which of the following correctly describes India's foreign trade structure at the time of independence?

A. Balanced trade

B. Complete trade isolation

C. High exports of finished goods

D. Export of raw materials and import of manufactured goods

**Q66 General Awareness**

Which Indian philanthropist organised a cultural extravaganza at New York's Lincoln Center in 2025?

A. Kiran Nadar

B. Sudha Murthy

C. Sangita Jindal

D. Nita Ambani

**Q67 General Awareness**

India achieved a historic milestone by winning the presidency of which international organisation for the first time through a ballot process?

A. International Institute of Administrative Sciences (IIAS)



B. World Health Organization (WHO)

C. United Nations Development Programme (UNDP)

D. International Labour Organization (ILO)



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Q68 General Awareness

Which of the following Indian states has the highest elevation point in India (excluding POK)?

- A. Himachal Pradesh
- B. Sikkim
- C. Arunachal Pradesh
- D. Uttarakhand

Q69 General Awareness

Which of the following is a common feature of Dravidian temples?

- A. Gopuram
- B. Shikhara
- C. Pillar-less halls
- D. Flat roof

Q70 General Awareness

Which ministry releases the Performance Grading Index (PGI) 2.0 to assess the performance of states and union territories in school education?

- A. Ministry of Education
- B. Ministry of Skill Development and Entrepreneurship
- C. Ministry of Social Justice and Empowerment
- D. Ministry of Women and Child Development

Q71 General Awareness

Which airline launched its Centre of Digital Innovation in 2025?

- A. Air India
- B. Akasa Air
- C. Vistara
- D. Go First

Q72 General Awareness

The popular folk art of Phad painting is traditionally associated with which of the following Indian states?

- A. Rajasthan
- B. Maharashtra
- C. Madhya Pradesh
- D. Gujarat

Q73 General Awareness

Miriyala Apparao, recipient of the Padma Shri (posthumous) in 2025, a pioneering figure in the field of Burrakatha (traditional storytelling), belonged to which Indian state?

- A. Tamil Nadu
- B. Karnataka
- C. Kerala
- D. Andhra Pradesh

Q74 General Awareness

Which of the coastal plain is called the 'Hexadeltaic region' or the 'Gift of Six Rivers'?

- A. Coastal plain of Tamil Nadu
- B. Coastal plain of Karnataka
- C. Coastal plain of Odisha
- D. Coastal plain of Andhra Pradesh

Q75 General Awareness

Which sector witnessed the slowest growth during the period of 1947 to 1991?

- A. Service sector
- B. Infrastructure sector
- C. Agricultural sector
- D. Industrial sector

Q76 General Awareness

Who among the following was proclaimed as the leader of the revolt by the rebels during the First War of Independence, 1857, against British oppression?

- A. Nana Saheb
- B. Rani Laxmibai
- C. Bahadur Shah Zafar
- D. Shah Alam II

Q77 General Awareness

The Waqf (Amendment) Bill, 2025 amended which Act to address issues and challenges in the regulation and management of waqf properties?

- A. Mussalman Wakf Validating Act, 1930
- B. Waqf Act, 1995
- C. Mussalman Wakf Act, 1923
- D. Wakf Act, 1954



Q78 General Awareness

What was the total number of medals won by India at the 2025 Special Olympics World Winter Games held in Turin, Italy?

A. 33



B. 31

C. 36

D. 34

Q79 General Awareness

What is one key indicator of economic development that showed consistent improvement in India post 1991?

A. Black money

B. Infant mortality rate

C. Foreign exchange reserves



D. Fiscal deficit

Q80 General Awareness

The Indian Institute of Spices Research (IISR), Kozhikode, has developed a light-coloured turmeric variety named:

A. IISR Suraj

B. IISR Pitambar

C. IISR Surya



D. IISR Sona

Q81 General Awareness

In humans, which blood vessels carry oxygen-rich blood away from the heart to all the body parts?

A. Veins

B. Capillaries

C. Arteries



D. Venules

Q82 General Awareness

In which of the following volumes of Akbar Nama, Akbar's administration, household, army, the revenues and the geography of his empire is discussed by Abul Fazl?

A. Only third volume



B. Both first and second volume

C. Only first volume

D. Both second and third volume

Q83 General Awareness

Who among the following compiled the Mrga-pasi-sastra in the 13th century, which provided an account of beasts and birds of hunting?

A. Hamsadeva



B. Mansur

C. Akbar

D. Jahangir

Q84 General Awareness

In which of the following years did Sri Aurobindo resign from his post in Baroda and move to Calcutta, where he soon became one of the leaders of the Nationalist movement?

A. 1906



B. 1914

C. 1910

D. 1916

Q85 General Awareness

The Regulating Act of 1773 stipulated that a Supreme Court be established in Calcutta with one Chief Justice and _____.

A. four additional justices

B. two additional justices

C. three additional justices



D. six additional justices

Q86 General Awareness

What is the tenure of a Union Public Service Commission (UPSC) member?

A. 5 years or till they attain the age of 65 years

B. No fixed tenure

C. 6 years or till they attain the age of 65 years



D. 4 years or till they attain the age of 60 years

Q87 General Awareness

What was India's rank on the World Press Freedom Index in 2025, showing improvement from the previous year?

A. 159th

B. 151st



C. 140th

D. 165th



Q88 General Awareness

What is the term used for a substance that reduces the rate of a chemical reaction?

- A. Catalyst
- B. Reactant
- C. Product
- D. Inhibitor

**Q89 General Awareness**

The UN Ocean Conference 2025 is scheduled to be held in which city?

- A. Sydney, Australia
- B. Vancouver, Canada
- C. Lisbon, Portugal
- D. Nice, France

**Q90 General Awareness**

Which Indian organisation is organising a three-day cultural event at New York's Lincoln Center in September 2025 to showcase Indian arts and heritage?

- A. Nita Mukesh Ambani Cultural Centre
- B. Indian Council for Cultural Relations
- C. Sangeet Natak Akademi
- D. National School of Drama

**Q91 General Awareness**

Which of the following steps correctly describes how to rename a file or folder using the File menu?

- A. Right-click the folder → Select Copy → Rename
- B. Select the folder → Press Delete → Type new name
- C. Open the folder → Click View → Rename → Type new name
- D. Select the file/folder → Click File → Rename → Type new name → Press Enter

**Q92 General Awareness**

Which cutting-edge cancer treatment, jointly developed by IIT-Bombay and Tata Memorial Centre, received DCGI clearance for Phase-1 trials in December 2024?

- A. siRNA nanotherapy
- B. CAR-T cell therapy
- C. CRISPR-Cas9 gene editing
- D. Oncolytic viral therapy

**Q93 General Awareness**

Which shortcut key combination is used to save a file quickly?

- A. Ctrl + V
- B. Ctrl + S
- C. Ctrl + F
- D. Ctrl + C

**Q94 General Awareness**

Which of the following was a key feature of Article 370 that granted special status to Jammu and Kashmir before its abrogation in 2019?

- A. Jammu and Kashmir had no representation in the Lok Sabha.
- B. Parliament needed the state government's concurrence to legislate on Union List matters for Jammu and Kashmir.
- C. Jammu and Kashmir could not be included in the First Schedule of the Constitution.
- D. The provisions of the Directive Principles of State Policy were fully enforceable in the state.

**Q95 General Awareness**

As per the Census of India data, the overall population density of India in 2011 was:

- A. 450 persons/km²
- B. 382 persons/km²
- C. 500 persons/km²
- D. 325 persons/km²

**Q96 General Awareness**

What is the most common cause of tsunamis?

- A. Cyclones and high tides
- B. Excessive rainfall and flooding
- C. Undersea earthquakes
- D. Volcanic eruptions only

**Q97 General Awareness**

Which sector dominated India's national income before independence?

- A. Banking
- B. Industry
- C. Trade and transport
- D. Agriculture



Q98 General Awareness

Which of the following Directive Principles of State Policy is stated under Article 48A of the Indian Constitution?

A. Protection and improvement of the environment



B. Raising the level of nutrition

C. Legal aid for weaker sections

D. Organisation of village panchayats

Q99 General Awareness

Which law provides for reservation in education and employment to Economically Weaker Sections (EWS)?

A. 102ndConstitutional Amendment

B. 103rdConstitutional Amendment



C. 104thConstitutional Amendment

D. 100thConstitutional Amendment

Q100 General Awareness

Which of the following can have higher optical density but lower mass density?

A. Water

B. Turpentine



C. Germanium

D. Glass



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Mathematics

30 Questions • Answer Key

Q1 Mathematics

Simplify $x(3x - 6) + 5(x^2 - 4) + 19$.

A. $-8x^2 - 6x - 1$

B. $8x^2 - 6x + 1$

C. $8x^2 - 6x - 1$ ✓

D. $-8x^2 - 6x + 1$

Q2 Mathematics

Which of the following numbers divides 769501?

A. 90

B. 105

C. 96

D. 97 ✓

Q3 Mathematics

Find the mean proportional between 16 and 256.

A. 66

B. 65

C. 64 ✓

D. 63

Q4 Mathematics

X, Y and Z invest a sum in the ratio of 16 : 85 : 54, respectively. If they earned a total profit of ₹3,750 at the end of the year, then what is the difference between share of Y and Z?

A. ₹750 ✓

B. ₹676

C. ₹742

D. ₹706

Q5 Mathematics

An 8% discount and a 5% discount in succession is equivalent to a total discount of ____.

A. 13.5%

B. 13.4%

C. 12.6% ✓

D. 12.5%

Q6 Mathematics

7 years ago, the age of a father was 20 years more than twice his son's age. After how many years, from now, will he be twice his son's age?

A. 13 ✓

B. 12

C. 16

D. 11

Q7 Mathematics

A cuboid has dimensions 18 m × 12 m × 9 m. What is its total surface area?

A. 998 m²

B. 1128 m²

C. 1062 m²

D. 972 m² ✓

Q8 Mathematics

Which of the following numbers divides 71,67,10,501?

A. 13 ✓

B. 19

C. 16

D. 20

Q9 Mathematics

5 men can complete a piece of work in 16 days, while 3 women can do it in 15 days. In how many days can 9 women and 4 men complete this work?

A. 2 days

B. 4 days ✓

C. 1 day

D. 3 days



Q10 Mathematics

The LCM of two numbers is seven times their HCF. The difference between the HCF and LCM is 222. Find the product of the two numbers.

A. 9276

B. 9158

C. 9583



D. 9086

Q11 Mathematics

The marks scored by 10 students are given below.
12, 14, 14, 15, 12, 16, 12, 10, 19, 11

The mode of the given data is:

A. 14

B. 15

C. 12



D. 19

Q12 Mathematics

A vertical post of a height 18 ft is broken at a certain height and its upper part, not completely separated, meets the ground at an angle of 30° . Find the height at which the post is broken.

A. 4 ft

B. 6 ft



C. 7 ft

D. 5 ft

Q13 Mathematics

Find the simple interest (in ₹) on ₹1,200 at an interest rate of 4% per month for 8 months.

A. ₹52

B. ₹384

C. ₹64

D. ₹32

**Q14 Mathematics**

92 mirrors were purchased for ₹92, and 35 mirrors broke in transit. The trader sold the remaining mirrors at ₹4.40 each. Find his profit.

A. ₹161.70

B. ₹157.90

C. ₹153.10

D. ₹158.80

**Q15 Mathematics**

The diagonals of a rectangle PQRS meet at O. If $\angle QOR = 36^\circ$, then find $\angle OPS$.

A. 108o

B. 72o



C. 54o

D. 144o

Q16 Mathematics

The product of two consecutive natural numbers is 870. The greater of the two numbers is:

A. 41

B. 21

C. 30



D. 38

Q17 Mathematics

The average of first 154 odd natural numbers, is:

A. 154



B. 153.5

C. 154.5

D. 155

Q18 Mathematics

Daksh travels 168 km at 21 km/hr, the next 100 km at 20 km/hr and the next 371 km at 53 km/hr. What is his average speed (in km/hr) for the whole journey?

A. 23.34

B. 31.95



C. 29.63

D. 36.61

Q19 Mathematics

A bus travelling at 36 km/hr completes a journey in 5 hours. What should be its speed to cover the same distance in 10 hours?

A. 18 km/hr



B. 22 km/hr

C. 17 km/hr

D. 9 km/hr



Q20 Mathematics

₹44,200 was divided among A, B and C such that 3 times the share of A = 9 times the share of B = 4 times the share of C. Find the share of A.

A. ₹21,216



B. ₹21,081

C. ₹21,304

D. ₹21,178

Q21 Mathematics

In an election between two candidates, 90% of the registered voters cast their vote and 18% of the votes polled were found invalid. The winning candidate got 51% of the valid votes and won the election by a margin of 1845 votes. How many voters were registered?

A. 124997

B. 124999

C. 124998

D. 125000

**Q22 Mathematics**

Evaluate: $(-9) - (-60) \div (-6) + (-4) \times 6$

A. -45

B. -43



C. -46

D. -42

Q23 Mathematics

The value of $\sqrt{289} + \sqrt{0.0324} - \sqrt{7.29} =$

A. 12.59

B. 11.21

C. 14.48



D. 9.08

Q24 Mathematics

The selling price of 22 books is equal to the cost price of 11 books. Find the loss or gain percentage.

A. $\frac{100}{11}\%$ gain

B. 50% loss



C. 50% gain

D. $\frac{100}{11}\%$ loss



Q25 Mathematics

The simple interest on a certain sum for $6\frac{1}{2}$ years at the rate of 6.4% per annum is ₹9,204.

What will be the amount payable on the same sum at the rate of 7.6% per annum simple interest in $6\frac{2}{3}$ years?

A. ₹33,335



B. ₹33,336

C. ₹33,348

D. ₹33,340

Q26 Mathematics

The value of $\frac{5}{2} + \left(\frac{1}{1 + \frac{3}{8}} \right) - \frac{3}{5}$ is

A. $\frac{284}{109}$

B. $\frac{290}{107}$

C. $\frac{289}{110}$



D. $\frac{297}{118}$

Q27 Mathematics

A table has a marked price of ₹8,000. A shopkeeper purchased it at two successive discounts of 20% and 25%. He sold the table for ₹8,000 after spending ₹300 on transportation. Find his profit percentage.

A. $56\frac{44}{51}\%$



B. $56\frac{42}{51}\%$

C. $56\frac{43}{51}\%$

D. $56\frac{45}{51}\%$



Q28 Mathematics

A hollow spherical shell is made of a metal of density 15 g/cm^3 . Its internal and external radii are 8 cm and 11 cm, respectively. What is the mass (in kg) of the shell ?

(Take $\pi = \frac{22}{7}$.)

A. 48.48

B. 52.67

C. 52.96

D. 51.48

**Q29 Mathematics**

By how much is 65% of 65 greater than $\frac{3}{5}$ of 25?

A. 25.25

B. 24.25

C. 27.25

D. 21.25

**Q30 Mathematics**

Pipe A can fill a tank in 12 hours, pipe B can fill the same tank in 30 hours and pipe C can fill the same tank in 18 hours. The time taken by them to fill the same tank if they operate together is::

A. $5\frac{25}{31}$ hours

B. $15\frac{25}{31}$ hours

C. $9\frac{25}{31}$ hours

D. $8\frac{25}{31}$ hours



Q31 General Intelligence & Reasoning

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

All scissors are crayons.
Some crayons are erasers.

Conclusions:

- (I) Some scissors are erasers.
(II) Some erasers are crayons.

- A. Only conclusion (II) follows.
B. Neither conclusion (I) nor (II) follows.
C. Only conclusion (I) follows. ✓
D. Both conclusions (I) and (II) follow.

Q32 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series?

391 392 396 405 421 ?

- A. 431
B. 441
C. 446 ✓
D. 436

Q33 General Intelligence & Reasoning

Heerat starts from point A and walks 2 km towards east. She then takes a left turn and walks 2 km. She takes another left turn and walks 2 km. She takes a final left turn and walks 5 km to reach a point B. How far (shortest distance) and towards which direction should she walk in order to reach point A again? (All turns are 90-degree turns only unless otherwise specified.)

- A. 3 km north ✓
B. 2 km north
C. 2 km west
D. 2 km south

Q34 General Intelligence & Reasoning

Refer to the following number-symbol series and answer the question that follows. Counting is to be done from left to right only.

(Left) $5 * 8 > 4 1 4 \setminus 4 \$ ^ 3 ? 5 2 \% / > 9 2 4$ (Right)

How many such numbers are there, each of which is immediately preceded by a symbol and also immediately followed by another number?

- A. Four
B. Two
C. Three ✓
D. One

Q35 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

- A. MJF
B. FCY
C. ROK
D. LID ✓

Q36 General Intelligence & Reasoning

Suresh starts from Point A and drives 7 km towards West. He then takes a right turn, drives 3 km, turns right and drives 11 km. He then takes a right turn and drives 6 km. He takes a final right turn, drives 4 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90° turns only unless specified.)

- A. 3 km to South
B. 4 km to South
C. 4 km to North
D. 3 km to North ✓



Q37 General Intelligence & Reasoning

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.

Statements: All pencils are erasers. Some erasers are crayons.

Conclusions (I): Some pencils are crayons.

Conclusions (II): Some erasers are pencils.

- A. Neither conclusion (I) nor (II) follows.
- B. Only conclusion (I) follows.
- C. Both conclusions (I) and (II) follow.
- D. Only conclusion (II) follows. ✓

Q38 General Intelligence & Reasoning

Six friends T, V, W, X, Y and Z are sitting around a circular table, facing the centre. V sits second to the right of Y. Y sits to the immediate left of T. X sits second to the left of W. How many people sit between Z and V when counted from the left of V?

- A. One
- B. None
- C. Two
- D. Three ✓

Q39 General Intelligence & Reasoning

What will come in the place of the question mark (?) in the following equation, if '+' and '÷' are interchanged, and '-' and 'x' are interchanged?

$$9 + 5 \div 130 - 10 \times 22 = ?$$

- A. 54 ✓
- B. 44
- C. 32
- D. 22

Q40 General Intelligence & Reasoning

In a certain code language, 'keep your goal' is coded as 'yt ru kj' and 'mind your business' is coded as 'kj gb mi'. How is 'your' coded in the given language?

- A. kj ✓
- B. ru
- C. yt
- D. mi

Q41 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

- A. VOU
- B. RKQ
- C. TMS
- D. OHM ✓

Q42 General Intelligence & Reasoning

Seven boxes T, U, V, W, X, Y and D are kept one over the other but not necessarily in the same order. Only two boxes are kept below W. Only one box is kept above Y. Only one box is kept between Y and U. T is kept immediately above X. D is kept at some place below V. How many boxes are kept between V and T?

- A. One
- B. Three
- C. Two
- D. Four ✓

Q43 General Intelligence & Reasoning

Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

HKB 11, FIZ 19, DGX 27, BEV 35, ?

- A. ACR 43
- B. XAT 42
- C. ZBR 45
- D. ZCT 43 ✓

Q44 General Intelligence & Reasoning

Which of the following letter-clusters will replace the question mark (?) in the given series to make it logically complete?

YPP -1 VRM -3 ? PVG -27 MXD -81

- A. STJ -9 ✓
- B. SSJ -6
- C. STI -9
- D. SSI -6



Q45 General Intelligence & Reasoning

KHIG is related to HEFD in a certain way based on the English alphabetical order. In the same way, DABZ is related to AXYW. To which of the given options is BYZX related, following the same logic?

A. YVVU

B. YWVD

C. YVWU



D. YUVU

Q46 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. MP-KO

B. RU-PS



C. UX-SW

D. PS-NR

Q47 General Intelligence & Reasoning

In a certain code language,
A + B means 'A is the sister of B',
A - B means 'A is the brother of B',
A x B means 'A is the wife of B' and
A ÷ B means 'A is the father of B'.

How is F related to Y if 'F - H x L ÷ O + Y'?

A. Father's brother

B. Father's father

C. Mother's brother



D. Mother's father

Q48 General Intelligence & Reasoning

In the following number-pairs, the second number is obtained by applying certain mathematical operations to the first number. Select the pair in which the numbers are related in the same way as are the numbers of the following pairs.

(Note: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g., 13 - Operations on 13 such as adding/subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

78, 39

84, 42

A. 66, 33



B. 52, 23

C. 94, 48

D. 58, 19

Q49 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series?

61 60 56 47 31 ?

A. 6



B. 28

C. 14

D. 9

Q50 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series?

58 60 65 73 84 ?

A. 89

B. 98



C. 95

D. 84

Q51 General Intelligence & Reasoning

In a certain code language, 'HALF' is coded as '2586' and 'FLAG' is coded as '7862'. What is the code for 'G' in the given code language?

A. 8

B. 7



C. 6

D. 2



Q52 General Intelligence & Reasoning

Select the pair that follows the same pattern as that followed by the two pairs given below. Both pairs follow the same pattern.

CSL : FPG
KGX : NDS

A. NGN : QJJ

B. DJF : GGA



C. MMX : PQS

D. JKY : MMT

Q53 General Intelligence & Reasoning

Select the pair that follows the same pattern as that followed by the two set of pairs given below. Both pairs follow the same pattern.

ITM : LSO
SSV : VRX

A. TNN : WMP



B. SUK : VTL

C. FTF : ISI

D. WQJ : ZRL

Q54 General Intelligence & Reasoning

If 1 is added to each odd digit and 4 is subtracted from each even digit in the number 6854376, how many digits will appear more than once in the new number thus formed?

A. None

B. Two



C. Three

D. One

Q55 General Intelligence & Reasoning

Sheghal ranked 33rd from the top and 18th from the bottom in his class. How many students are there in his class?

A. 53

B. 52

C. 51

D. 50

**Q56 General Intelligence & Reasoning**

Six people A, B, C, D, E and F are sitting in a straight line. All are facing towards North.

B is seated third from the extreme right end of the line.

Only two people are seated between B and E.

C is sitting second from the right of B.

F is an immediate neighbour of B and C.

A is sitting to the immediate right of D.

How many people are seated between D and F?

A. One

B. Two



C. Three

D. Four

Q57 General Intelligence & Reasoning

This question is based on five, four-digit numbers given below.

(Left) 1338 2325 3627 5513 1764 (Right)

(Example: 6975 – First digit = 6, second digit = 9, third digit = 7 and fourth digit = 5)

(NOTE: All operations to be done from left to right.)

If all the digits in each number are reversed, then what will be the resultant if the second digit of the second largest number is multiplied to the second digit of the smallest number?

A. 4

B. 1

C. 2



D. 3

Q58 General Intelligence & Reasoning

If + means –, – means ×, × means ÷, ÷ means +, then what will come in place of the question mark (?) in the following equation?

$$40 \times 4 + 12 \div 6 - 4 = ?$$

A. 17

B. 22



C. 14

D. 20



Q59 General Intelligence & Reasoning

What will come in the place of the question mark (?) in the following equation, if '÷' and '-' are interchanged and 'x' and '+' are interchanged?

$$63 \times 9 \div 3 - 3 \times 24 + 22 \div 11 + 9 = ?$$

A. 526

B. 500



C. 494

D. 428

Q60 General Intelligence & Reasoning

All 129 students in a class are standing in a straight line facing north. Lalit is 33rd from the right end while Sahil is 27th from the left end. How many people stand between Lalit and Sahil?

A. 72

B. 69



C. 70

D. 68

General Awareness

40 Questions • Answer Key

Q61 General Awareness

Which of the following statements is correct regarding the legislative allocation of co-operative societies in the Constitution of India?

A. It falls under the Residuary (Union) List.

B. It is a subject in the State List.



C. It is a subject in the Concurrent List.

D. It is a subject in the Union List.

Q62 General Awareness

Employment patterns during 1947-1991 showed limited diversification. Which sector employed the largest share of India's workforce throughout this period?

A. Services sector

B. Agriculture



C. Secondary sector

D. Infrastructure

Q63 General Awareness

Which Australian plateau is formed by the solidification of molten lava?

A. Kimberley Plateau



B. Patagonian Plateau

C. Malwa Plateau

D. Columbia and Snake Rivers Plateau

Q64 General Awareness

Which of the following cities hosted the 19th Pravasi Bharatiya Divas (PBD) Convention held in January 2025?

A. Bhubaneswar



B. Bengaluru

C. Indore

D. Varanasi

Q65 General Awareness

What geographic feature primarily controls the eastern boundary of the Indian Desert?

A. Satpura Hills

B. Western Ghats

C. Aravalli Hills



D. Vindhya Range

Q66 General Awareness

Which of the following elements is classified as a lanthanoid group element?

A. Scandium

B. Cerium



C. Yttrium

D. Actinium

Q67 General Awareness

Which harmful social practice was banned in 1829 by Lord Bentinck during the British rule in India?

A. Polygamy

B. Dowry

C. Child marriage

D. Sati



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Q68 General Awareness

Which railway safety system did India begin implementing nationwide, covering 3,500 km in 2025 at a cost of ₹1,700 crore?

- A. Nationwide Railway Safety System
- B. GPS-based Tracking System
- C. Kavach Automatic Train Protection ✓
- D. Namo Bharat Signalling System

Q69 General Awareness

Which of the following texts is considered the earliest Tamil grammar work?

- A. Manimekalai
- B. Silappadikaram
- C. Tolkappiyam ✓
- D. Kural

Q70 General Awareness

Which of the following government bodies is responsible for disaster response and management at the national level in India?

- A. NDMA ✓
- B. NITI Aayog
- C. IRDA
- D. SDRF

Q71 General Awareness

In Jain religion, the Svetarnbara canon consists of how many of Agamas?

- A. 6
- B. 35
- C. 12
- D. 45 ✓

Q72 General Awareness

Announced in 2025, what type of engine is ISRO designing for Next Generation Launch Vehicle (NGLV)?

- A. LOX-Methane engine ✓
- B. Hydrogen-fueled engine
- C. Cryogenic solid fuel engine
- D. LOX-Kerosene hybrid engine

Q73 General Awareness

In May 2025, which ISRO mission failed to deploy its Earth observation satellite due to a third-stage anomaly in the PSLV-C61 rocket?

- A. INSAT-3DS
- B. EOS-09 ✓
- C. Cartosat-3
- D. RISAT-2BR2

Q74 General Awareness

What is the time limit to receive information from a public authority under the RTI Act?

- A. 30 days ✓
- B. 15 days
- C. 45 days
- D. 60 days

Q75 General Awareness

Who among the following became India's first Grandmaster in chess in 1988?

- A. Viswanathan Anand ✓
- B. Dibyendu Barua
- C. R Praggnanandhaa
- D. Pentala Harikrishna

Q76 General Awareness

What is the spatial resolution of the Bharat Forecasting System (BFS) launched in May 2025?

- A. 12 kilometres
- B. 6 kilometres ✓
- C. 10 kilometres
- D. 3 kilometres

Q77 General Awareness

Which of the following ranges separates the Kashmir Valley from the rest of the Himalayan region?

- A. Karakoram
- B. Pir Panjal ✓
- C. Zaskar
- D. Ladakh



Q78 General Awareness

In 2025, which Indian regulatory body launched the 'Digital India Financial Literacy Mission' to enhance awareness about digital finance and online fraud prevention?

- A. Securities and Exchange Board of India (SEBI)
- B. Financial Stability and Development Council (FSDC)
- C. Reserve Bank of India (RBI) ✓
- D. National Financial Reporting Authority (NFRA)

Q79 General Awareness

The Defence Ministry's planned order for 500 Invar anti-tank guided missiles—valued at ₹2,000–3,000 crore—will be placed with which defence Public Sector Unit (PSU)?

- A. Garden Reach Shipbuilders & Engineers Ltd.
- B. Bharat Dynamics Limited ✓
- C. Armoured Vehicles Nigam Ltd.
- D. Bharat Electronics Limited

Q80 General Awareness

The opening of which of the following canals intensified British control over India's foreign trade?

- A. Munak Canal
- B. Conolly Canal
- C. Suez Canal ✓
- D. Buckingham Canal

Q81 General Awareness

The 1962 Sino-Indian War was primarily fought over which geographical region?

- A. Indo-Gangetic Plain
- B. Brahmaputra Valley
- C. Himalayan Border ✓
- D. Deccan Plateau

Q82 General Awareness

The Monetary Policy Committee (MPC) was established to formalise inflation targeting. How many members constitute India's MPC?

- A. 6 ✓
- B. 5
- C. 7
- D. 3

Q83 General Awareness

Which of the following is NOT a part of urban transport infrastructure?

- A. Rail networks
- B. Highways
- C. Metro systems
- D. Irrigation canals ✓

Q84 General Awareness

What does GUI stand for in an operating system context?

- A. Global Utility Interface
- B. Graphical User Interface ✓
- C. Graphical Unix Integration
- D. General User Instruction

Q85 General Awareness

Which of the following indicators is NOT included in the Multidimensional Poverty Index (MPI)?

- A. Electricity Access
- B. Years of Schooling
- C. Monthly Per Capita Expenditure ✓
- D. Nutrition

Q86 General Awareness

What is the name of the Super Expressway that links the metropolitan cities of New Delhi, Mumbai, Chennai and Kolkata?

- A. East-West Corridor
- B. Golden Quadrilateral ✓
- C. National Highway 44
- D. North-South Corridor

Q87 General Awareness

Where is Wadge Bank, the site of the hydrocarbon exploration project proposed in May 2025 under the Hydrocarbon Exploration and Licensing Policy (HELP) and opposed by fishermen, located?

- A. An offshore reef near the Andaman Islands in the Bay of Bengal region
- B. A deep-sea basin around 60 km west of Mumbai in the Arabian Sea
- C. A submarine plateau about 80 km off the southern coast in the Indian Ocean ✓
- D. A coral atoll close to the Lakshadweep islands in the Indian Ocean



Q88 General Awareness

Select the INCORRECT operating system used in computers and laptops.

A. Linux

B. Android



C. Windows

D. Unix

Q89 General Awareness

Which company became the first in India to develop steel pipes for hydrogen transportation?

A. Hindalco Industries

B. SAIL

C. Tata Steel



D. Jindal Steel & Power

Q90 General Awareness

How many individuals were conferred the Padma Awards in 2025?

A. 139



B. 113

C. 150

D. 120

Q91 General Awareness

Which of the following Jain councils was held at Vallabhi (Gujarat) in 512 CE under the chairmanship of Devardhi Kshamasramana?

A. Second



B. First

C. Third

D. Fourth

Q92 General Awareness

Where was the 2025 Southeast Asia Regional Forum of Organisation for Economic Co-operation and Development (OECD) held?

A. Bangkok, Thailand



B. Manila, Philippines

C. Kuala Lumpur, Malaysia

D. Jakarta, Indonesia

Q93 General Awareness

Which region witnessed the strongest violence and martial law enforcement during the Rowlatt Satyagraha?

A. Gujarat

B. Punjab



C. Bihar

D. Bengal

Q94 General Awareness

Which of the following Articles deals with the amendment procedure of the Constitution?

A. Article 300

B. Article 370

C. Article 368



D. Article 208

Q95 General Awareness

Which Constitutional Amendment introduced the Goods and Services Tax (GST) in India?

A. One Hundredth Amendment Act, 2015

B. One Hundred and First Amendment Act, 2016



C. One Hundred and Second Amendment Act, 2018

D. Ninety-ninth Amendment Act, 2015

Q96 General Awareness

Who authored the book 'PMO: Prime Minister's Office through the Years' that was released in May 2025?

A. Manohar Lal Khattar

B. Nayab Singh Saini

C. Jagdeep Dhankhar

D. Himanshu Roy

**Q97 General Awareness**

What is the name of the principle which states that each point on a wavefront acts as a source of secondary wavelets that spread in all directions and form a new wavefront?

A. Fermat's Principle

B. Doppler's Principle

C. Huygens' Principle



D. Superposition Principle



Q98 General Awareness

Which of the following subjects is NOT under the control of the Delhi Legislative Assembly, according to the Constitution?

A. Public order



B. Public health

C. Education

D. Electricity

Q99 General Awareness

Which country became a full member of BRICS in January 2025?

A. Argentina

B. Nigeria

C. Egypt

D. Indonesia



Q100 General Awareness

What is the study of heredity and variation called?

A. Evolution

B. Mutation

C. Genetics



D. Biology



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Mathematics

30 Questions • Answer Key

Q1 Mathematics

What is the mode of the following data?

67, 75, 81, 70, 65, 61, 65, 84, 75, 76, 85, 89, 62, 84, 72, 74, 89, 68, 83, 60, 82, 82, 66, 77, 75

A. 75



B. 70

C. 67

D. 81

Q2 Mathematics

Four times the present age of P exceeds the present age of Q by 19 years. After 7 years, twice the age of Q will be 47 years less than seven times the age of P at that time. What is the present age of Q (in years)?

A. 91

B. 85



C. 79

D. 86

Q3 Mathematics

If 38% of first number is equal to two-sevenths of second number, what is the ratio of first number to the second number?

A. 103 : 132

B. 101 : 129

C. 100 : 133



D. 96 : 131

Q4 Mathematics

If the interest earned during the 2nd year on a certain sum is ₹9,828, and the rate of interest is 12% per annum compounded annually, then the sum is:

A. ₹72,185

B. ₹73,125



C. ₹73,520

D. ₹73,475

Q5 Mathematics

Shan bought some sharpeners at the rate of ₹150 a dozen. He sold them for ₹19 each. His profit percentage is ____%.

A. 56

B. 50

C. 54

D. 52



Q6 Mathematics

Sapna invested ₹22,800 on simple interest, partly at 14% per annum and partly at 7% per annum. If she earns equal interests from the two investments after 6 years, then find the sum invested at 14% per annum (in ₹).

A. 7,597

B. 7,603

C. 7,599

D. 7,600



Q7 Mathematics

The H.C.F. and the L.C.M. of two numbers are 3 and 672, respectively. If one of the numbers is 96, find the other one.

A. 48

B. 21



C. 94

D. 3

Q8 Mathematics

The sum of the squares of two consecutive odd natural numbers is 34. The sum of the numbers is:

A. 8



B. 28

C. 18

D. 24



Q9 Mathematics

Find the value of: $47^{-11} \div 47^{16} \times 47^{-10}$

A. 47-44

B. 47-27

C. 47-37 ✓

D. 47-35

Q10 Mathematics

Ritik and Sanjay together invested ₹62,400 in a business. At the end of the year, out of a total profit of ₹15,600, Sanjay's share was ₹1,900. What was the difference between their investments?

A. ₹47,000

B. ₹46,800

C. ₹47,200 ✓

D. ₹46,200

Q11 Mathematics

X, Y and Z invested a sum in the ratio of 32 : 40 : 68, respectively. If they earned a total profit of ₹3,210 at the end of the year, what is the difference between the shares of Y and Z?

A. ₹777

B. ₹642 ✓

C. ₹742

D. ₹771

Q12 Mathematics

A shopkeeper purchased an item listed at ₹1,600 after receiving two successive discounts of 35% and 5% from the wholesaler. The shopkeeper then changed the list price so as to gain 25% after allowing 5% discount. For how much did he list the item?

A. ₹1,235

B. ₹1,200

C. ₹1,388

D. ₹1,300 ✓

Q13 Mathematics

A number when increased by 100% gives 2740. The number is:

A. 685

B. 2740

C. 1370 ✓

D. 4110

Q14 Mathematics

Given that $54^{0.2} = x$, $54^{0.47} = y$ and $x^z = y^3$, then the value of z is close to:

A. 7.05 ✓

B. 6.54

C. 9.48

D. 6.17

Q15 Mathematics

In $\triangle ABC$, $BD \perp AC$ at D and $\angle DBC = 65^\circ$. E is a point on BC such that $\angle CAE = 48^\circ$. What is the measure of $\angle AEB$?

A. 77°

B. 76°

C. 79°

D. 73° ✓

Q16 Mathematics

The number 966181 is divisible by which of the following?

A. 38

B. 36

C. 37 ✓

D. 30

Q17 Mathematics

Train A leaves station M at 6:45 AM and reaches station N at 3:45 PM on the same day. Train B leaves station N at 8:45 AM and reaches station M at 2:45 PM on the same day. Find the time when trains A and B meet.

A. 11:53 AM

B. 11:13 AM

C. 12:23 PM

D. 11:33 AM ✓

Q18 Mathematics

The average of first 158 even numbers is

A. 158.5

B. 160

C. 159 ✓

D. 159.5



Q19 Mathematics

The largest six digit number which when divided by 3, 5, 7 and 9 leaves remainders 1, 3, 5 and 7, respectively, is:

A. 999808



B. 999998

C. 999893

D. 999685

Q20 Mathematics

Two successive discounts of 65% and 24% are equivalent to a single discount of ____.

A. 77%

B. 74.5%

C. 73.4%



D. 76.6%

Q21 Mathematics

A man driving a car at a speed of 72 km/hr crosses a bridge in 4.9 minutes. Find the length of the bridge.

A. 5.68 km

B. 6.91 km

C. 6.29 km

D. 5.88 km

**Q22 Mathematics**

In an election between two candidates 87% of the registered voters cast their vote and 5% of the votes polled were found invalid. The winning candidate got 52% of the valid votes and won the election by a margin of 1653 votes. How many voters were registered?

A. 50003

B. 50000



C. 49998

D. 50001

Q23 Mathematics

A hollow spherical shell is made of a metal of density 7 g/cm^3 . Its internal and external radii are 1 cm and 2 cm, respectively. What is the weight (in grams) of the shell?

(Use $\pi = \frac{22}{7}$, and round off your answer to the nearest gram.)

A. 221

B. 273

C. 205



D. 214

Q24 Mathematics

Find the curved surface area of a sphere whose radius is 2.8 cm.

(Use $\pi = \frac{22}{7}$)

A. 98.56cm²



B. 95.32cm²

C. 97.52cm²

D. 91.28cm²



Q25 Mathematics

A can do a work in 11 days and B can do the same work in 19 days. If they work on it together for 6 days, then what fraction of the work is left?

A. $\frac{29}{209}$



B. $\frac{24}{209}$

C. $\frac{26}{209}$

D. $\frac{32}{209}$

Q26 Mathematics

Isha can do a certain piece of work in 22 days. Isha and Smriti can together do the same work in 11 days, and Isha, Smriti and Ashlesha can do the same work together in 10 days. In how many days can Isha and Ashlesha do the same work?

A. $\frac{61}{5}$

B. $\frac{49}{4}$

C. $\frac{64}{3}$

D. $\frac{55}{3}$

**Q27 Mathematics**

The value of $\frac{3}{4} + \left(\frac{1}{1 + \frac{3}{7}} \right) - \frac{3}{4}$ is

A. $\frac{7}{10}$



B. $\frac{2}{11}$

C. $\frac{16}{19}$

D. $\frac{5}{16}$



Q28 Mathematics

The selling price of 50 books is equal to the cost price of 39 books. Find the loss or gain percentage.

A. 22% loss



B. $\frac{100}{11}\%$ gain

C. 22% gain

D. $\frac{100}{11}\%$ loss

Q29 Mathematics

Solve the following:

$$(\operatorname{cosec}23^\circ - \sin23^\circ)(\tan23^\circ + \cot23^\circ)(\sec23^\circ - \cos23^\circ)$$

A. 0

B. 1



C. $\tan23^\circ$

D. $\sin23^\circ$

Q30 Mathematics

Find the value of x satisfying: $2(4x^2 - 6) - 4(2x^2 + 9x - 3) = 18$

A. $-\frac{9}{2}$

B. $-\frac{1}{2}$



C. $-\frac{5}{2}$

D. $\frac{3}{2}$

General Intelligence & Reasoning

30 Questions • Answer Key

Q31 General Intelligence & Reasoning

In a row of 42 people facing north, Soma is 17th from the right end. If Amit sits 9th to the left of Soma, what is Amit's position from the left end of the line?

A. 17th



B. 18th

C. 16th

D. 19th

Q32 General Intelligence & Reasoning

Each of the digits in the number 7312648 is arranged in the ascending order from left to right. What will be the sum of the digits that are second from the left and second from the right in the new number thus formed?

A. 7

B. 9



C. 5

D. 11



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Q33 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series?

103, 1000, 9970, 99670, 996670, ?

A. 9996670

B. 9999670

C. 9966670



D. 9966667

Q34 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. UYT

B. RVQ

C. NRM

D. LPJ

**Q35 General Intelligence & Reasoning**

Select the pair that follows the same pattern as that followed by the two pairs given below. Both pairs follow the same pattern.

WUP : YYS

OPU : QTX

A. XQO : ZTS

B. PUX : RYZ

C. UQQ : WUT



D. RUV : TYZ

Q36 General Intelligence & Reasoning

Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) € 5 & % 2 7 5 & % 7 8 @ 9 5 \$ & # \$ @ 2 9 © (Right)

How many such symbols are there each of which is immediately preceded by a number and also immediately followed by a symbol?

A. 2

B. 3



C. 5

D. 4

Q37 General Intelligence & Reasoning

Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

EBF 11, JGK 17, OLP 23, TQU 29, ?

A. YVZ 35



B. WVZ 24

C. YUV 35

D. WUZ 35

Q38 General Intelligence & Reasoning

Seven people A, B, C, D, E, F and G are sitting in a row, facing the north. Only three people sit to the left of D. B sits third to the left of D. F sits to the right of A but left of D. E sits to the right of C but left of G. How many people sit to the right of F?

A. Five

B. Two

C. Three

D. Four

**Q39 General Intelligence & Reasoning**

Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. CID

B. IOK



C. AGB

D. EKF

Q40 General Intelligence & Reasoning

If 1 is added to each even digit and 2 is subtracted from each odd digit in the number 6274385, which of the following digits will be third from the right in the new number thus formed?

A. 5

B. 3

C. 9

D. 1



Q41 General Intelligence & Reasoning

BGSN is related to XLOS in a certain way based on the English alphabetical order. In the same way, TQKX is related to PVGC. To which of the given options is LACH related, following the same logic?

A. GFYL

B. HFYM



C. FGXO

D. GEZN

Q42 General Intelligence & Reasoning

In a row of people all facing North, Nima is 17th from the left end. Dina is 27th from the left end. Dina is exactly between Nima and Uma. If Uma is 13th from the right end of the line, how many people are there in the row?

A. 48

B. 50

C. 47

D. 49

**Q43 General Intelligence & Reasoning**

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.

Statements:

All mansions are flats.
All flats are buildings.

Conclusions:

(I) Some flats are mansions.
(II) All buildings are mansions.

A. Only conclusion (II) follows.

B. Neither conclusion (I) nor (II) follows.

C. Both conclusions (I) and (II) follow.

D. Only conclusion (I) follows.

**Q44 General Intelligence & Reasoning**

Town Q is to the south of Town R. Town S is to the east of Town R. Town T is to the north of Town S. Town U is to the east of Town T. Town V is to the north-east of Town U. What is the position of Town V with respect to Town Q?

A. South-west

B. South

C. South-east

D. North-east

**Q45 General Intelligence & Reasoning**

Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) 9 @ # 8 £ 4 & \$ 7 2 * 5 Ω % 6 1 % & 3 (Right)

How many such symbols are there, each of which is immediately preceded by a number and also immediately followed by another number?

A. None

B. One

C. Two



D. More than two

Q46 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series?

10, 30, 90, 270, ?, 2430

A. 810



B. 540

C. 1080

D. 720

Q47 General Intelligence & Reasoning

Shruti starts from point A and runs 2 km west. She then takes a left turn and runs 1 km. She takes a left turn again and runs 7 km. She then takes a final left turn and runs 1 km to reach a point B. How far (shortest distance) and towards which direction should she run in order to reach point A again? (All turns are 90 degrees turns only unless specified.)

A. 5 km east

B. 7 km east

C. 2 km west

D. 5 km west

**Q48 General Intelligence & Reasoning**

Seven people, I, J, K, L, M, N and O, are sitting in a row, facing north. Only three people sit to the left of M. Only I sits to the right of O. Only three people sit between O and N. J sits at some place to the left of K but at some place to the right of L. How many people sit between L and K?

A. Four

B. One

C. Two

D. Three



Q49 General Intelligence & Reasoning

In a certain code language, 'DUAL' is coded as '4629' and 'ARCS' is coded as '1435'. What is the code for 'A' in the given code language?

A. 4



B. 1

C. 2

D. 5

Q50 General Intelligence & Reasoning

In a row of 46 people facing the north, Lalita sits 17th from the left end. If only 15 people sit to the right of Damini, then how many people sit between Damini and Lalita?

A. 16

B. 15

C. 13



D. 17

Q51 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. VPX

B. TNV

C. XRY



D. RLT

Q52 General Intelligence & Reasoning

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.

Statements: All crows are sparrows. No crow is a pigeon.

Conclusions (I): No sparrow is a pigeon.

Conclusions (II): Some pigeons are crows.

A. Only conclusion (I) follows.

B. Neither conclusion (I) nor (II) follows.



C. Both conclusions (I) and (II) follow.

D. Only conclusion (II) follows.

Q53 General Intelligence & Reasoning

A is the brother of H. H is the mother of R. R is the son of M. G is the mother of M. How is A related to M?

A. Son's wife's father

B. Son's son

C. Son's wife's brother

D. Wife's brother

**Q54 General Intelligence & Reasoning**

In a certain code language, 'LACE' is coded as '5689' and 'LEAK' is coded as '5786'. What is the code for 'K' in that language?

A. 7



B. 6

C. 8

D. 5

Q55 General Intelligence & Reasoning

AWER is related to HDLY in a certain way based on the English alphabetical order. In the same way, CYGT is related to JFNA. To which of the given options is XTBO related, following the same logic?

A. EVIA

B. EAVI

C. EVAI

D. EAIV

**Q56 General Intelligence & Reasoning**

Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding to/subtracting from/multiplying with 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(32, 497, 23)

(20, -19, 1)

A. (3, 3, 3)

B. (21, 40, 8)

C. (3, 222, 15)



D. (18, -17, 2)



Q57 General Intelligence & Reasoning

Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

WIX 15 TKV 12 QMT 9 NOR 6 ?

A. KQP 3



B. PKG 2

C. QKJ 4

D. KGS 1

Q58 General Intelligence & Reasoning

What will come in the place of the question mark (?) in the following equation, if '+' and '÷' are interchanged and '-' and 'x' are interchanged?

$80 \times 16 - 2 \div 12 + 4 = ?$

A. 47

B. 59

C. 51



D. 55

Q59 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series?

318 263 213 168 128 ?

A. 93



B. 65

C. 106

D. 79

Q60 General Intelligence & Reasoning

If 1 is subtracted from each even digit of the number 36719542, find the sum of the digits that are repeated more than once in the new number formed.

A. 4

B. 6

C. 8

D. 9

**General Awareness**

40 Questions • Answer Key

Q61 General Awareness

What is the name of India's newly launched high-resolution, fully indigenous weather prediction platform in May 2025?

A. IndraNet

B. Bharat Forecast System



C. Mausam 2.0

D. VarshaNet

Q63 General Awareness

Which of the following is true about the second frigate of Project 1135.6 named 'Tavasya'?

A. It was built in Russia and later transferred to India

B. It has a displacement of approximately 4,500 tons

C. It was launched at Goa Shipyard Limited on 22 March 2025



D. It is the first frigate of the follow-on order

Q62 General Awareness

In which year did French physicist Sadi Carnot create the Carnot engine, which uses thermodynamic principles to function as an ideal heat engine?

A. 1830

B. 1820

C. 1824



D. 1813

Q64 General Awareness

Why are soft drink and soda water bottles sealed under high pressure in beverage industries?

A. To prevent freezing

B. To decrease the amount of sugar

C. To increase the solubility of carbon dioxide



D. To increase the temperature



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Q65 General Awareness

Which body was formed by Gandhi on 24 February 1919 to oppose the Rowlatt Act?

- A. Khilafat Committee
- B. Satyagraha Sabha ✓
- C. Congress Committee
- D. Swaraj Sabha

Q66 General Awareness

Human development also involves freedom, security and dignity in life. The first Human Development Report was published in which year?

- A. 1990 ✓
- B. 1971
- C. 1995
- D. 1980

Q67 General Awareness

Which of the following architectural styles is predominantly associated with the Gateway of India in Mumbai?

- A. Indo-Saracenic ✓
- B. Art Deco
- C. Victorian Gothic
- D. Bauhaus

Q68 General Awareness

Which DRDO-developed missile is India's first indigenous air-launched anti-ship missile?

- A. NASM-SR ✓
- B. BrahMos
- C. Varunastra
- D. Astra

Q69 General Awareness

Which irrigation method is considered most efficient for water conservation in agriculture?

- A. Furrow
- B. Flood
- C. Sprinkler
- D. Drip ✓

Q70 General Awareness

Geological Survey of India (GSI) organised a Pan-India Walkathon in March 2025 under which theme?

- A. Geoscience Innovating for Earth and People
- B. Geoscience for a Safe World ✓
- C. Geoscience Everywhere
- D. Geoscience: Unlocking the Secrets of Climate Change

Q71 General Awareness

Which of the following Fundamental Rights is guaranteed under Article 25 of the Indian Constitution?

- A. Right to freedom of religion ✓
- B. Right to move the Supreme Court
- C. Right against untouchability
- D. Right to culture and language

Q72 General Awareness

Which country held federal elections after the collapse of its coalition government amid economic unrest?

- A. Germany ✓
- B. Spain
- C. Italy
- D. France

Q73 General Awareness

Which keyboard shortcut allows you to select multiple specific files or folders at once?

- A. Tab + Click
- B. Alt + Click
- C. Shift + Click
- D. Ctrl + Click ✓

Q74 General Awareness

The Battle of Plassey 1757 was fought between the British forces led by Robert Clive and the Nawab of Bengal ____.

- A. Siraj-ud-Daula ✓
- B. Sarfaraz Khan
- C. Alivardi Khan
- D. Shah Alam II



Q75 General Awareness

In which landmark case did the Supreme Court of India impose a three-month deadline for the President to give assent to State Bills reserved under Article 201?

A. State of Tamil Nadu vs. Governor of Tamil Nadu (2023) ✓

B. Minerva Mills vs. Union of India (1980)

C. Kesavananda Bharati vs. State of Kerala (1973)

D. SR Bommai vs. Union of India (1994)

Q76 General Awareness

The drain of wealth theory was a major critique of colonial economic policies. Who propounded the 'Drain of wealth theory' in the late 19th century?

A. Gopal Krishna Gokhale

B. Mahatma Gandhi

C. Jawaharlal Nehru

D. Dadabhai Naoroji ✓

Q77 General Awareness

The Paris Agreement is a significant agreement aimed at keeping global warming well below Celsius.

A. 2° ✓

B. 3°

C. 4°

D. 1°

Q78 General Awareness

In which sport did Deepika Kumari earn her 12th individual World Cup medal at the 2025 Shanghai World Cup?

A. Table Tennis

B. Shooting

C. Badminton

D. Archery ✓

Q79 General Awareness

Who among the following are eligible for the training programs under Deen Dayal Upadhyay – Gramin Kaushalya Yojana (DDU-GKY)?

A. Individuals between the ages of 15 and 35 years ✓

B. Individuals between the ages of 18 and 35 years

C. Individuals between the ages of 15 and 25 years

D. Individuals between the ages of 25 and 55 years

Q80 General Awareness

On 29 April 2025, which major facility was inaugurated at the National Centre for Sports Science and Research (NCSSR) to transform athlete rehabilitation and performance tracking in India?

A. Elite Coaching Analytics Centre

B. National Talent Scouting Wing

C. Return to Play Facility ✓

D. Sports Nutrition Research Lab

Q81 General Awareness

Digital literacy is now essential for human development in the knowledge economy. Which programme was launched to promote digital literacy among rural citizens in India?

A. PM-WANI

B. BharatNet

C. PMGDISHA ✓

D. Digital India

Q82 General Awareness

Which of the following physical quantities has zero dimension in mass and time?

A. Force

B. Work

C. Volume ✓

D. Momentum

Q83 General Awareness

Which Indian artist made his debut at Cannes 2025 by showcasing a watercolour inspired by India's diversity?

A. Paresh Maity ✓

B. Jitish Kallat

C. Anish Kapoor

D. Subodh Gupta

Q84 General Awareness

In which Indian state is Rushikonda Beach, which received the Blue Flag Beach certification in 2023, located?

A. Kerala

B. Gujarat

C. Tamil Nadu

D. Andhra Pradesh ✓



Q85 General Awareness

Which authority is the appellate body under the RTI Act?

A. Central Information Commission ✓

B. National Human Rights Commission

C. Lokpal

D. Chief Vigilance Commission

Q86 General Awareness

The Supreme Court struck down certain provisions of the Tribunals (Rationalisation and Conditions of Service) Ordinance, 2021. Which provision did the Court declare invalid?

A. A fixed four-year tenure limit for tribunal members ✓

B. The rule that tribunal decisions are not appealable to any court

C. Establishment of administrative tribunals for service matters (which is in the Constitution)

D. Requirement that all tribunal members be retired judges of High Courts

Q87 General Awareness

What was the primary objective of the 88th Constitutional Amendment Act, 2003?

A. Introduction of GST

B. Formation of the NJAC

C. Provision for Service Tax ✓

D. Abolition of Privy Purses

Q88 General Awareness

Which event is considered the turning point in Gandhi's political life, converting him from a moderate to a mass leader?

A. Rowlatt Act protest

B. Champaran Satyagraha ✓

C. Jallianwala Bagh Massacre

D. Salt Satyagraha

Q89 General Awareness

Which Indian sprinter won both the 100 m and 200 m titles at the Indian Open Athletics 2025?

A. Srabani Nanda ✓

B. Hima Das

C. Dutee Chand

D. Archana Suseendran

Q90 General Awareness

What defines land as "Culturable Wasteland" in land revenue records in India?

A. Land that is fallow for over five years ✓

B. Land under tree crops

C. Urban infrastructure land

D. Barren rocky land

Q91 General Awareness

Which Indian institution collaborated with Inria Saclay in May 2025 to develop an AI tool aimed at combating antimicrobial resistance by identifying alternative antibiotics?

A. IISc Bangalore

B. IIT Madras

C. IIIT-Delhi ✓

D. IIT Bombay

Q92 General Awareness

What is the primary objective of the Dx-EDGE initiative launched in 2025?

A. To empower MSMEs with digital tools and knowledge ✓

B. To provide financial subsidies to large corporations

C. To promote foreign investments in India

D. To regulate e-commerce businesses

Q93 General Awareness

Which of the following is the correct longitudinal extent of the Prime Meridian?

A. 90° E

B. 0° ✓

C. 180° E

D. 23.5° N

Q94 General Awareness

Which Constitutional Amendment reduced the voting age from 21 years to 18 years in India?

A. Eighty-sixth Amendment Act, 2002

B. Fifty-second Amendment Act, 1985

C. Sixty-first Amendment Act, 1988 ✓

D. Forty-fourth Amendment Act, 1978



Q95 General Awareness

Which site provides archaeological evidence of the earliest known urban civilisation in the Indian subcontinent with planned city structures?

- A. Mehrgarh
- B. Harappa
- C. Lothal
- D. Kalibangan

Q96 General Awareness

Which of the following Indian English writers created the fictional town of Malgudi?

- A. RK Narayan
- B. Khushwant Singh
- C. Mulk Raj Anand
- D. Raja Rao

Q97 General Awareness

Which of the following countries is located to the southeast of India?

- A. Bhutan
- B. Sri Lanka
- C. China
- D. Nepal

Q98 General Awareness

How can you create a new folder in Windows?

- A. By opening Task Manager
- B. By restarting the computer
- C. By changing system date
- D. Using the right-click context menu

Q99 General Awareness

In which of the following years was the first British East India Company founded in India?

- A. 1600
- B. 1620
- C. 1605
- D. 1588

Q100 General Awareness

Which Constitutional Amendment introduced a cap on the size of the State Council of Ministers?

- A. 42nd Constitutional Amendment Act, 1976
- B. 91st Constitutional Amendment Act, 2003
- C. 61st Constitutional Amendment Act, 1988
- D. 73rd Constitutional Amendment Act, 1992



Mathematics

30 Questions • Answer Key

Q1 Mathematics

Which of the following numbers divides 311916399?

A. 7

B. 3



C. 2

D. 13

Q2 Mathematics

Aanya has to reach Bangalore which is 861 km away in 15 hours. His starting speed for 8 hours was 37 km/hr. For the next 136 km his speed was 34 km/hr. By what speed he must travel now so as to reach Bangalore in the decided time of 15 hours?

A. 146 km/hr

B. 147 km/hr

C. 141 km/hr

D. 143 km/hr



Q3 Mathematics

Prashant and Nisha have to travel from Delhi to Kanpur in their respective cars. Prashant is driving at 72 km/hr while Nisha is driving at 64 km/hr. Find the time taken by Nisha to reach Kanpur if Prashant takes 16 hours.

A. 8 hours

B. 24 hours

C. 18 hours



D. 20 hours

Q4 Mathematics

If the interest earned during the 2nd year on a certain sum is ₹3,342, and the rate of interest is 20% per annum compounded annually, then the sum is:

A. ₹14,075

B. ₹14,900

C. ₹13,285

D. ₹13,925



Q5 Mathematics

A shirt is marked at ₹800. A shopkeeper offers a discount of 25% on it. What is the selling price of the shirt after the discount?

A. ₹700

B. ₹750

C. ₹600



D. ₹650

Q6 Mathematics

If 18% of first number is equal to two-fifths of second number, what is the ratio of first number to the second number?

A. 21 : 6

B. 20 : 9



C. 18 : 7

D. 16 : 10

Q7 Mathematics

The H.C.F. and the L.C.M. of two numbers are 51 and 306 respectively. If one of the numbers is 102, find the other one.

A. 153



B. 175

C. 102

D. 204

Q8 Mathematics

In an election between two candidates, 80% of the registered voters cast their vote and 20% of the votes polled were found invalid. The winning candidate got 60% of the valid votes and won the election by a margin of 2144 votes. How many voters were registered?

A. 16749

B. 16747

C. 16753

D. 16750



Q9 Mathematics

Evaluate: $16 + 12 \div 6 - 3 \times 4$

A. 5

B. 6



C. 9

D. 8

Q10 Mathematics

Aman and Pawan together invested ₹76,500 in a business. At the end of the year, out of a total profit of ₹20,000, Pawan's share was ₹4,800. What was the difference between their investments?

A. ₹39,780



B. ₹39,923

C. ₹41,601

D. ₹40,609

Q11 Mathematics

The HCF of two numbers is 9 and the product of the two numbers is 8100. How many pairs of numbers satisfy the given conditions?

A. 4

B. 3

C. 2



D. 5

Q12 Mathematics

The average weight (in kg) of a family of five members whose weights are 40 kg, 49 kg, 56 kg, 75 kg and 35 kg is:

A. 52

B. 51



C. 53

D. 50

Q13 Mathematics

If 2 times a son's age is added to his father's age, the sum is 36 years. If 2.5 times the father's age is added to the son's age, the sum is 72 years. What is the father's age (in years)?

A. 23

B. 31

C. 32

D. 27

**Q14 Mathematics**

An amount of ₹616 is divided among three persons in the ratio of 5 : 12 : 11. The difference between the largest and the smallest shares (in ₹) in the distribution is:

A. 112

B. 69

C. 86

D. 154

**Q15 Mathematics**

The average of first 150 odd natural numbers, is:

A. 150.5

B. 149.5

C. 150



D. 151

Q16 Mathematics

The product of two consecutive positive natural numbers is 650. The greater of the two numbers is:

A. 29

B. 31

C. 26



D. 43

Q17 Mathematics

If the 6-digit number N65M04 is divisible by 11, then which of the options below can give a possible correct relation between M and N?

A. $M = N$

B. $M + N = 5$

C. $M - N = 1$

D. $M - N = -5$

**Q18 Mathematics**

An item is marked at ₹1,200. Successive discounts of 20% and 10% are given. What is the final selling price?

A. ₹880

B. ₹900

C. ₹864



D. ₹960



Q19 Mathematics

Find the simple interest (in ₹) on ₹1,200 at an interest rate of 3% per month in 7 months.

- A. 42
- B. 21
- C. 41
- D. 252

**Q20 Mathematics**

Nitin bought some sharpeners at the rate of ₹180/dozen. He sold them for ₹20 each. His profit percentage is _____% (rounded off to two decimal places).

- A. 33.33
- B. 37.33
- C. 35.33
- D. 31.33

**Q21 Mathematics**

The perimeter of a square is 340 m. Its area (in m²) is:

- A. 7225
- B. 7207
- C. 7204
- D. 7200

**Q22 Mathematics**

By selling an article at $\frac{8}{13}$ of its actual selling price, Ramesh incurs a loss of 20%.

If he sells it at 85% of its actual selling price, then the profit percentage is:

- A. 9.3%
- B. 8.2%
- C. 10.5%
- D. 12.3%

**Q23 Mathematics**

Pipe P can fill $\frac{3}{7}$ part of a tank in 12 hours, and pipe Q can fill $\frac{5}{6}$ part of the same tank in 10 hours.

Both P and Q were kept open for 2 hours, then both were closed. Pipe R alone was then opened and it emptied the water in the tank in 5 hours. Pipes P, Q and R together can fill the empty tank in:

- A. 14 hours
- B. 27 hours
- C. 24 hours
- D. 33 hours



Q24 Mathematics

Find the value of x satisfying: $3(2x^2 - 5) - 2(3x^2 + 4x - 8) = 20$

A. $-\frac{19}{8}$



B. $-\frac{29}{8}$

C. $-\frac{11}{8}$

D. $-\frac{21}{8}$

Q25 Mathematics

$18 \times (3 \times (3^2)) \div 13 + 66 - 74$

A. $\frac{389}{13}$

B. $\frac{387}{13}$

C. $\frac{391}{13}$

D. $\frac{382}{13}$

**Q26 Mathematics**

A can do a work in 17 days and B can do the same work in 19 days. If they work on it together for 6 days, then what fraction of the work is left?

A. $\frac{104}{323}$

B. $\frac{107}{323}$



C. $\frac{110}{323}$

D. $\frac{109}{323}$



Q27 Mathematics

(Use $\pi = \frac{22}{7}$)

A. 716 cm^2

B. 816 cm^2

C. 516 cm^2

D. 616 cm^2 ✓

Q28 Mathematics

ABCD is a trapezium in which $BC \parallel AD$ and $AC = CD$. If $\angle ABC = 17^\circ$ and $\angle BAC = 125^\circ$, then what is the measure of $\angle ACD$ (in degree)?

A. 105°

B. 106°

C. 95°

D. 104° ✓

Q29 Mathematics

$\frac{1}{\sec A(1 - \tan A)} + \frac{1}{\operatorname{cosec} A(1 - \cot A)}$ is equal to:

A. $\cos A + \sin A$ ✓

B. $\cos A \sin A$

C. $\frac{1}{\cos A \sin A}$

D. $\cos A - \sin A$

Q30 Mathematics

By how much is 65% of 75 greater than $\frac{4}{5}$ of 15?

A. 36.75 ✓

B. 30.75

C. 33.75

D. 34.75



Q31 General Intelligence & Reasoning

In a certain code language, 'BIRD' is coded as '7394' and 'DRIP' is coded as '4392'. What is the code for 'P' in the given code language?

A. 4

B. 3

C. 2



D. 9

Q32 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series?

45 63 87 105 129 147 171 ?

A. 193

B. 197

C. 189



D. 185

Q33 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. XB - BV

B. CU - GO

C. ZJ - DD

D. HR - ML

**Q34** General Intelligence & Reasoning

In a certain code language, 'WHAT' is coded as '3157' and 'HORN' is coded as '2416'. What is the code for 'H' in the given code language?

A. 1



B. 2

C. 6

D. 5

Q35 General Intelligence & Reasoning

Seven people, A, B, C, D, P, Q and R, are sitting in a row, facing north.

No one sits to the left of Q. Only four people sit between Q and D. Only three people sit to the right of R. C sits to the immediate left of P. B is not an immediate neighbour of R. Who sits third to the left of B?

A. A

B. R



C. C

D. D

Q36 General Intelligence & Reasoning

All 45 people are standing in a row facing north. Tina is 20th from the right end while Belamit is 28th from the left end. How many people are there between Tina and Belamit?

A. Three

B. Four

C. Two

D. One

**Q37** General Intelligence & Reasoning

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements: All chisels are hammers. No hammer is a maize.

Conclusions (I): No chisel is a maize.

Conclusions (II): Some maize are hammers.

A. Only conclusion (I) follows.



B. Neither conclusion (I) nor (II) follows.

C. Both conclusions (I) and (II) follow.

D. Only conclusion (II) follows.



Q38 General Intelligence & Reasoning

Vijay starts from his home and drives 5 km towards north. He then takes a left turn, drives 5 km, turns left, and drives 5 km. He then takes a left turn and drives 3 km and reaches his office. In which direction is the office with respect to his home?

(Note: All turns are 90° turns only, unless specified.)

A. North-west

B. West

C. North

D. South-west

Q39 General Intelligence & Reasoning

LEAV is related to SLHC in a certain way based on the English alphabetical order. In the same way, NGCX is related to UNJE. To which of the given options is IBXS related, following the same logic?

A. PEZI

B. PIEZ

C. PZEW

D. PIZE

Q40 General Intelligence & Reasoning

PXTQ is related to NVRO in a certain way based on the English alphabetical order. In the same way, MUQN is related to KSOL. To which of the given options is JRNK related, following the same logic?

A. PHLI

B. PHIL

C. HPLI

D. HPIL

Q41 General Intelligence & Reasoning

Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

CE 17 GI 19 KM 23 OQ 29 ?

A. RT 37

B. RU 37

C. SU 37

D. ST 37

Q42 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. NK-II

B. ZW-VS

C. TQ-PM

D. IF-EB

Q43 General Intelligence & Reasoning

Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) $^{\wedge} > \& 5 > ^{\wedge} 3 6 < + \$ \% * \% 7 1 \% 2 + 2 1$ (Right)

How many such symbols are there, each of which is immediately preceded by a number and also immediately followed by a number?

A. None

B. Two

C. Three

D. One

Q44 General Intelligence & Reasoning

In a certain code language,

A + B means 'A is the brother of B',

A @ B means 'A is the wife of B',

A ¥ B means 'A is the son of B' and

A ÷ B means 'A is the father of B'.

How is D related to G if 'D ¥ O ÷ I + N @ G'?

A. Wife's brother's wife

B. Wife's father

C. Wife's father's sister

D. Wife's brother

Q45 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series?

9 23 49 83 129 183 ?

A. 254

B. 249

C. 294

D. 250



Q46 General Intelligence & Reasoning

VALG is related to YYOE in a certain way based on the English alphabetical order. In the same way, BWRC is related to EUUA. To which of the given options is HSXY related, following the same logic?

A. LPZV

B. KQAW



C. JRBU

D. LQBW

Q47 General Intelligence & Reasoning

This question is based on the five, three-digit numbers given below.

(Left) 617 259 165 784 349 (Right)

(Example- 697 – First digit = 6, second digit = 9 and third digit = 7)

(NOTE: All operations to be done from left to right.)

What will be the resultant if the third digit of the lowest number is subtracted from the second digit of the highest number?

A. 3



B. 4

C. 2

D. 1

Q48 General Intelligence & Reasoning

Seven boxes C, D, E, M, N, O and P are kept one over the other but not necessarily in the same order. Only two boxes are kept between O and M. Only E is kept above N. No box is kept below M. C is kept at some place below D but at some place above P. Which box is kept third above P?

A. N

B. C

C. D



D. M

Q49 General Intelligence & Reasoning

Seven boxes A, B, C, D, E, F and G are kept one over the other but not necessarily in the same order. F is kept second from the bottom. Only three boxes are kept between F and C. E is kept at one of the positions below F. Only G is kept between C and D. B is kept at one of the positions above C. How many boxes are kept between C and D?

A. 2

B. 1



C. 4

D. 3

Q50 General Intelligence & Reasoning

If 1 is added to each even digit and 2 is subtracted from each odd digit in the number 8265943, how many digits will appear more than once in the new number thus formed?

A. Three

B. One

C. None

D. Two

**Q51 General Intelligence & Reasoning**

Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. ND - QX



B. YG - BB

C. AP - DK

D. SJ - VE

Q52 General Intelligence & Reasoning

If + means -, - means ×, × means ÷ and ÷ means +, then what will come in place of the question mark (?) in the following equation?

$$21 + 70 \times 10 \div 5 - 2 = ?$$

A. 18

B. 42

C. 24



D. 36



Q53 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series based on the English alphabetical order?

UTP CBX KJF SRN ?

A. AZV



B. VZA

C. AVZ

D. VAZ

Q54 General Intelligence & Reasoning

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.

Statement:

Some Googles are apples.
Some apples are Amazons.

Conclusions:

- I. Some Googles are Amazons.
II. No Google is an Amazon.

A. Only conclusion (II) follows.

B. Only conclusion (I) follows.

C. Neither conclusion (I) nor (II) follows.



D. Both conclusions (I) and (II) follow.

Q55 General Intelligence & Reasoning

If 2 is added to each even digit and 4 is subtracted from each odd digit in the number 925746, what will be difference between the highest and second lowest digits thus formed?

A. 4

B. 5



C. 7

D. 6

Q56 General Intelligence & Reasoning

A, B, C, D, E, F and G are sitting around a circular table facing the centre.

Only two people sit between C and G when counted from the left of G. A sits third to the left of D. E sits to the immediate right of D. E sits second to the left of C. B is an immediate neighbour of A. How many people sit between B and E when counted from the right of B?

A. 1

B. 4

C. 3

D. 2

**Q57 General Intelligence & Reasoning**

Vslam starts from Point A and drives 17 km towards West. He then takes a left turn, drives 9 km, turns right and drives 5 km. He then takes a right turn and drives 12 km. He takes a final right turn, drives 22 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90° turns only unless specified.)

A. 1 km to the South

B. 4 km to the East

C. 2 km to the West

D. 3 km to the South

**Q58 General Intelligence & Reasoning**

What should come in place of the question mark (?) in the given series?

96 105 115 126 138 ?

A. 120

B. 152

C. 150

D. 151



Q59 General Intelligence & Reasoning

In the following number-pairs, the second number is obtained by applying certain mathematical operations to the first number. Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

30, 125
25, 105

A. 35, 130

B. 15, 60

C. 20, 85



D. 40, 155

Q60 General Intelligence & Reasoning

What will come in the place of the question mark (?) in the following equation, if '+' and '÷' are interchanged, and '-' and 'x' are interchanged?

$$24 + 3 \times 10 - 2 \div 41 = ?$$

A. 29



B. 41

C. 22

D. 36

General Awareness

40 Questions • Answer Key

Q61 General Awareness

What is the primary objective of the Yashoda AI initiative launched by the National Commission for Women (NCW) in May 2025?

A. To enhance AI literacy and digital awareness among women



B. To promote traditional crafts among women artisans

C. To provide financial assistance to women entrepreneurs

D. To offer healthcare services to rural women

Q62 General Awareness

What was the focus of World Water Day, observed globally on 22 March 2025?

A. Water and climate change

B. Accelerating change

C. Water for peace

D. Glacier preservation



Q63 General Awareness

Which institution played a major role in supporting India's liberalisation policy during the 1991 crisis?

A. International Monetary Fund (IMF)



B. Reserve Bank of India

C. Election Commission of India

D. NITI Aayog

Q64 General Awareness

Who led the Tamar tribal revolts against the British in India?

A. Bhola Nath Sahay



B. Tilka Manjhi

C. Ganga Narain Singh

D. Sidhu Murmu

Q65 General Awareness

What happens to excess carbohydrates in the body?

A. They are turned into proteins.

B. They are converted into amino acids and stored.

C. They are converted into fat and stored.



D. They are excreted immediately.

Q66 General Awareness

In which year did Paul Ehrlich receive the Nobel Prize for discovering the first chemotherapeutic agent, salvarsan?

A. 1905

B. 1913

C. 1908



D. 1901



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Q67 General Awareness

Dating back to 1639-1640 CE, which construction, located in Chennai, India, is historically known as the primary English defense post?

- A. Fort St. David
- B. Fort St. George ✓
- C. Gingee Fort
- D. Sadras Dutch Fort

Q68 General Awareness

Which of the following options best describes the main function of an operating system?

- A. Performing arithmetic operations
- B. Displaying web pages
- C. Managing computer hardware and software resources ✓
- D. Compiling high-level code

Q69 General Awareness

Who became the youngest player to score over 700 runs in a single IPL season in 2025?

- A. Yashasvi Jaiswal
- B. Ruturaj Gaikwad
- C. Shubman Gill
- D. Sai Sudharsan ✓

Q70 General Awareness

In the post-reform era, fiscal prudence became central to macroeconomic stability. Which of the following Acts was enacted in 2003 to institutionalise fiscal discipline in India?

- A. Companies Act
- B. Banking Regulation Act
- C. FEMA Act
- D. Fiscal Responsibility and Budget Management Act ✓

Q71 General Awareness

In some file management programs, which shortcut key combination is used to copy a selected item instead of moving it?

- A. Alt + Ins ✓
- B. Alt + F4
- C. Alt + Tab
- D. Alt + Del

Q72 General Awareness

In which of the following cities was the Sepak Takraw 2025 World Cup (ISTAF) held in India in March 2025?

- A. Mumbai
- B. New Delhi
- C. Bengaluru
- D. Patna ✓

Q73 General Awareness

What was a key reform introduced by the Waqf (Amendment) Act, 2025?

- A. Clergy-only Waqf management
- B. Abolition of old Waqf properties
- C. Audit exemption for Waqf assets
- D. Inclusion of Muslim women on Waqf Boards ✓

Q74 General Awareness

Which of the following is a primary function of the District Courts in India?

- A. Settling disputes between Union and State governments
- B. Advising the President of India
- C. Issuing writs to enforce fundamental rights (without High Court)
- D. Hearing appeals from lower courts within the district ✓

Q75 General Awareness

Which of the following practices is most suitable for preventing land degradation in arid areas?

- A. Contour ploughing
- B. Shelterbelt plantation ✓
- C. Terrace farming
- D. Shifting cultivation

Q76 General Awareness

Under Akbar, who was responsible for revenue and financial supervision across the entire Mughal Empire?

- A. Mir Bakhshi
- B. Subadar
- C. Wakil
- D. Diwan-i-Kul ✓



Q77 General Awareness

Which missile defence system, named Sudarshan Chakra, was used by India to intercept drones and missiles during Pakistan's attempted strikes in May 2025?

A. S-400 Triumf



B. Barak 8

C. Akashteer

D. Prithvi Air Defence

Q78 General Awareness

Which of the following freedom fighters led the Rampa Rebellion of 1922 against forest laws?

A. Ashfaqullah Khan

B. Surya Sen

C. Alluri Sitarama Raju



D. Jatindra Nath Das

Q79 General Awareness

Which one of the acts is known as the first step towards constitutional development in India?

A. Indian Councils Act, 1861

B. Pitt's India Act, 1784

C. Regulating Act, 1773



D. Charter Act, 1813

Q80 General Awareness

Which Rajput ruler founded the Gurjara-Pratihara dynasty in Malwa during the 8th century CE?

A. Mihira Bhoja

B. Vatsaraja

C. Dhruva

D. Nagabhata I

**Q81 General Awareness**

What is the key reason governments promote Public-Private Partnerships in infrastructure development?

A. Due to lack of trained manpower

B. To address fiscal constraints and reduce liabilities

C. To privatise all national resources

D. To improve efficiency and innovation through private sector expertise

**Q82 General Awareness**

Which of the following Articles was introduced by the 86th Amendment to impose a duty on parents to educate children?

A. Article 39A

B. Article 21A

C. Article 45

D. Article 51A(k)

**Q83 General Awareness**

The Northern Plain of India is formed by the interplay of the three major river systems, namely the Indus, the Ganga and the _____, along with their tributaries.

A. Brahmaputra



B. Mahanadi

C. Narmada

D. Damodar

Q84 General Awareness

Sanskrit language is mainly used for creating:

A. tribal stories

B. modern novels

C. ancient religious texts and epics



D. folk songs and pop music

Q85 General Awareness

What significant space-related agreement did Bangladesh join in 2025?

A. The Moon Treaty

B. The Artemis Accords



C. The SpaceX International Partnership

D. The Outer Space Treaty

Q86 General Awareness

A flat or gently sloping surface left behind after river erosion, often with some resistant remnants, is known as:

A. Monadnock

B. Floodplain

C. Peneplain



D. Plateau



Q87 General Awareness

India recently assumed the Chairmanship of which organisation from Bangladesh during the 13th Governing Council Meeting held in Malé, Maldives?

- A. Indian Ocean Rim Association (IORA)
- B. Bay of Bengal Initiative for Multi-Sectoral Technical and Economic Cooperation (BIMSTEC)
- C. Bay of Bengal Inter-Governmental Organisation (BOBP-IGO) ✓
- D. South Asian Association for Regional Cooperation (SAARC)

Q88 General Awareness

How many seats did the BJP win in the February 2025 Delhi Assembly elections?

- A. 70
- B. 48 ✓
- C. 22
- D. 62

Q89 General Awareness

Which season in India is characterised by high temperature and low humidity?

- A. Retreating Monsoon
- B. Southwest Monsoon
- C. Cold Weather Season
- D. Hot Weather Season ✓

Q90 General Awareness

In organising the Rowlatt Satyagraha, Mahatma Gandhi was assisted by Abdul Bari of the Firangi Ulema group based in _____.

- A. Patna
- B. Kanpur
- C. Aligarh
- D. Lucknow ✓

Q91 General Awareness

Researchers of which university produced India's first gene-edited sheep?

- A. IIT Kanpur
- B. Sher-e-Kashmir University ✓
- C. Chandigarh University
- D. IIT Madras

Q92 General Awareness

The All-India Services Act, 1951, allows which authority to frame rules for All-India service recruitment?

- A. The Parliament of India
- B. Central Government ✓
- C. Union Public Service Commission
- D. President of India

Q93 General Awareness

Which of the following powers is exercised by the Union Council of Ministers in India?

- A. Conducting judicial reviews
- B. Framing policies and advising the President ✓
- C. Supervising state legislatures
- D. Declaring war

Q94 General Awareness

Wind energy is best harnessed in which of the following Indian states?

- A. Bihar
- B. Madhya Pradesh
- C. Gujarat ✓
- D. Jharkhand

Q95 General Awareness

In May 2025, India approved the execution model for which indigenous fifth-generation fighter aircraft program?

- A. HAL Twin Engine Deck Based Fighter (TEDBF)
- B. Tejas Mk2
- C. Medium Combat Aircraft (MCA)
- D. Advanced Medium Combat Aircraft (AMCA) ✓

Q96 General Awareness

Which Indian Billiard player won his 28th World Billiards Title at IBSF World Billiards Championship in Doha, Qatar in November 2024?

- A. Pankaj Advani ✓
- B. Yasin Merchant
- C. Sourav Kohari
- D. Rupesh Shah



Q97 General Awareness

What was one of the major characteristics of India's economy at the time of independence in 1947?

A. Heavy dependence on agriculture and low productivity



B. Strong trade surplus

C. Dominance of the services sector

D. Self-sufficiency in manufacturing

Q98 General Awareness

Which of the following is a government initiative aimed at improving urban infrastructure in Indian cities?

A. Swachh Bharat Gramin

B. Smart Cities Mission



C. Atal Bhujal Yojana

D. Pradhan Mantri Gram Sadak Yojana

Q99 General Awareness

What is the relation between the frequency (f) and time period (T) of a sound wave?

A. $f = T/2$

B. $f = T$

C. $f = 1/T$



D. $f = 2T$

Q100 General Awareness

Which of the following launch vehicles did ISRO use for its 100th mission in 2025?

A. PSLV C58

B. SSLV D2

C. LV Mk III

D. GSLV F15



Mathematics

30 Questions • Answer Key

Q1 Mathematics

The average of first 153 even numbers is

A. 154



B. 154.5

C. 155

D. 153.5

Q2 Mathematics

Simplify the given expression.

$$x(7x - 5) + 7(x^2 - 2) + 18$$

A. $-14x^2 - 5x + 4$ B. $-14x^2 - 5x - 4$ C. $14x^2 - 5x + 4$ D. $14x^2 - 5x - 4$

Q3 Mathematics

Find the surface area of a sphere whose diameter is equal to 22 cm.

A. $484\pi \text{ cm}^2$ B. $1019\pi \text{ cm}^2$ C. $502\pi \text{ cm}^2$ D. $153\pi \text{ cm}^2$

Q4 Mathematics

What is the mode of the following data?

87, 65, 70, 81, 68, 62, 82, 78, 81, 82, 74, 75, 90, 67, 86, 86, 81, 90, 69, 78, 65, 78, 76, 63, 70, 81

A. 87

B. 70

C. 81



D. 65

Q5 Mathematics

A sum of money triples itself at a certain rate of compound interest in 8 years. In how many years will it amount to 9 times of itself?

A. 16 years



B. 17 years

C. 10 years

D. 9 years

Q6 Mathematics

The radius of a spherical balloon increases from 5 cm to 10 cm when more air is added to it. What is the ratio of the volume of the original balloon and the volume of the inflated balloon?

A. 1 : 8



B. 1 : 6

C. 1 : 4

D. 1 : 2

Q7 Mathematics

A computer is marked at ₹70,000 and a discount of 16% is offered on it. An additional discount is offered to students. If a student pays ₹57,036 for the computer, then how much additional discount percentage did the student receive?

A. 3%



B. 2%

C. 5%

D. 7%

Q8 Mathematics

Evaluate: $(-9) - (-60) \div (-6) + (-4) \times 9$

A. -57

B. -54

C. -55



D. -58



Q9 Mathematics

Ritesh and Gauri have to travel from Delhi to Kanpur in their respective cars. Ritesh is driving at 66 km/hr while Gauri is driving at 99 km/hr. Find the time taken by Gauri to reach Kanpur if Ritesh takes 9 hours.

- A. 12 hours
- B. 2 hours
- C. 6 hours
- D. 13 hours

**Q10 Mathematics**

In $\triangle ABC$, $BD \perp AC$ at D and $\angle DBC = 54^\circ$. E is a point on BC such that $\angle CAE = 72^\circ$. What is the measure of $\angle AEB$?

- A. 100°
- B. 95°
- C. 98°
- D. 108°

**Q11 Mathematics**

Sapna invested ₹21,200 on simple interest, partly at the rate of 13% per annum and partly at the rate of 3% per annum. If she earns equal interests from the two investments after 8 years, then find the sum invested at the rate of 13% per annum (in ₹).

- A. 3,973
- B. 3,972
- C. 3,975
- D. 3,976

**Q12 Mathematics**

Abdul and Mohsin together invested ₹76,800 in a business. At the end of the year, out of a total profit of ₹19,000, Mohsin's share was ₹3,800. What was the difference between their investments?

- A. ₹46,080
- B. ₹44,260
- C. ₹45,780
- D. ₹46,300

**Q13 Mathematics**

If the 6-digit number N23M40 is divisible by 11, then which of the options below can give a possible correct relation between M and N?

- A. $M + N = -5$
- B. $M - N = 1$
- C. $M = N$
- D. $M - N = 5$

**Q14 Mathematics**

Given that $50^{0.92} = x$, $50^{0.26} = y$ and $x^z = y^3$, then the value of z is close to:

- A. 0.83
- B. 0.85
- C. 3.85
- D. 0.39

**Q15 Mathematics**

Six times the present age of P exceeds the present age of Q by 11 years. After 10 years, three times Q's age will be 27 years less than six times P's age at that time. What is the present age (in years) of Q?

- A. 7
- B. 6
- C. 16
- D. 12

**Q16 Mathematics**

Which of the following numbers is divisible by 5?

- A. 7132956
- B. 6567359
- C. 6175753
- D. 7048030

**Q17 Mathematics**

I bought two bicycles for ₹1,200. I sold the first one at a loss of 10% and the second at a gain of 20%. If, on the whole I made neither a loss nor a gain, find the cost price (in ₹) of the first bicycle.

- A. 784
- B. 800
- C. 824
- D. 820



Q18 Mathematics

Which of the following ratios is the greatest?

- A. 33 : 72
- B. 45 : 85
- C. 28 : 74
- D. 40 : 53

**Q19 Mathematics**

The current population of a town is 10,630. It increases by 25% and 50% in two successive years but decreases by 68% in the third year. What is the population of the town at the end of the third year?

- A. 6378
- B. 6374
- C. 6380
- D. 6376

**Q20 Mathematics**

A train of length 490 m overtakes a man moving at a speed of 9 km/hr (in the same direction) in 12 seconds. How much time (in seconds) will it take this train to completely cross another train that has is 500 m long, moving in the opposite direction at a speed of 42 km/hr?

- A. 18
- B. 32
- C. 36
- D. 25

**Q21 Mathematics**

The number 630605 is divisible by which of the following?

- A. 14
- B. 7
- C. 5
- D. 3

**Q22 Mathematics**

A vendor claims to sell wheat at a loss of 65%, but he cheats by using weights that are 70% less than the stated weight. What is his actual profit percentage (round off to two decimal places)?

- A. 11.62%
- B. 15.18%
- C. 16.67%
- D. 7.43%

**Q23 Mathematics**

The marked price of a watch is ₹3,480. It is sold for ₹2,958. The rate of discount is ____.

- A. 13%
- B. 10%
- C. 15%
- D. 17%

**Q24 Mathematics**

The product of two consecutive positive natural numbers is 182. The greater of the two numbers is:

- A. 7
- B. 14
- C. 27
- D. 26

**Q25 Mathematics**

6 men can complete a piece of work in 8 days, while 3 women can do it in 18 days. In how many days can 9 women and 8 men complete this work?

- A. 8 days
- B. 6 days
- C. 1 day
- D. 3 days

**Q26 Mathematics**

An amount of ₹402 is divided among three persons in the ratio of 13 : 8 : 9. The difference between the largest and the smallest shares (in ₹) in the distribution is:

- A. 136
- B. 67
- C. 56
- D. 100

**Q27 Mathematics**

If the 6-digit number N46M37 is divisible by 11, then which of the options below can give a possible correct relation between M and N?

- A. $M - N = 1$
- B. $M = N$
- C. $M + N = 2$
- D. $M - N = -2$



Q28 Mathematics

A can lay railway track between two given stations in 18 days and B can do the same job in 10 days. With the help of C, they did the job in 4 days only. Then, C alone can do the job in

A. $14\frac{10}{17}$ days

B. $11\frac{10}{17}$ days

C. $19\frac{10}{17}$ days

D. $10\frac{10}{17}$ days

**Q29** Mathematics

If $\frac{\sin A + \cos A}{\cos A} = \frac{17}{12}$, then find the value of $\sin A$ and $\cos A$ respectively.

A. $\frac{13}{5}, \frac{13}{12}$

B. $\frac{5}{13}, \frac{12}{13}$

C. $\frac{17}{5}, \frac{16}{5}$

D. $\frac{5}{17}, \frac{5}{16}$

**Q30** Mathematics

By how much is 65% of 65 greater than $\frac{1}{5}$ of 35?

A. 32.25

B. 29.25

C. 33.25

D. 35.25



Q31 General Intelligence & Reasoning

In a certain code language, 'LUMA' is coded as '5796' and 'MALI' is coded as '8569'. What is the code for 'I' in that language?

A. 9

B. 5

C. 8



D. 6

Q32 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. CFJ

B. HLO



C. TWA

D. JMQ

Q33 General Intelligence & Reasoning

Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) + @ & ? % \ ? + < # 8 \$ 1 % % 5 2 4 9 ^ 7 (Right)

How many such numbers are there, each of which is immediately preceded by a symbol and also immediately followed by a symbol?

A. Five

B. Two



C. One

D. Three

Q34 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series?

12 16 25 41 ? 102

A. 66



B. 62

C. 50

D. 56

Q35 General Intelligence & Reasoning

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

All oranges are melons.

All melons are grapes.

Conclusions:

(I) Some melons are oranges.

(II) All grapes are oranges.

A. Both conclusions (I) and (II) follow.

B. Only conclusion (I) follows.



C. Only conclusion (II) follows.

D. Neither conclusion (I) nor (II) follows.

Q36 General Intelligence & Reasoning

In a certain code language, 'INKS' is coded as '4628' and 'NEAR' is coded as '1385'. What is the code for 'N' in the given code language?

A. 6

B. 1

C. 8



D. 5

Q37 General Intelligence & Reasoning

What should come in place of ? in the given series based on the English alphabetical order?

UXX VSU WNR ? YDL

A. PSL

B. XIO



C. WLZ

D. XLV



Q38 General Intelligence & Reasoning

Seven boxes A, B, C, D, E, F and G are kept one over the other but not necessarily in the same order. Only two boxes are kept below G. Only one box is kept above A. Only one box is kept between A and E. B is kept immediately above D. C is kept at some place below F. How many boxes are kept below A?

A. 2

B. 3

C. 5



D. 4

Q39 General Intelligence & Reasoning

Refer to the following number and symbol series and answer the question that follows. All numbers are single-digit. Counting to be done from left to right.

(Left) 2 Ω % 1 4 9 & 5 7 * 6 @ ? 3 # 8 £ \$ (Right)

How many such symbols are there, each of which is immediately preceded by a number and also immediately followed by another number?

A. One

B. Two

C. Three



D. Four

Q40 General Intelligence & Reasoning

In the following number-pairs, the second number is obtained by applying certain mathematical operations to the first number. Select the pair in which the numbers are related in the same way as are the numbers of the following pairs.

(Note: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g., 13 – Operations on 13 such as adding/subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

8, 25

11, 34

A. 6, 17

B. 13, 39

C. 9, 37

D. 15, 46

**Q41 General Intelligence & Reasoning**

What should come in place of the question mark (?) in the given series?

26, 21, 11, -4, -24, ?

A. 57

B. 49

C. -54

D. -49

**Q42 General Intelligence & Reasoning**

If 1 is added to each even digit of the number 36719542, then how many digits are repeated more than once in the new number formed?

A. Three



B. One

C. None

D. Two

Q43 General Intelligence & Reasoning

Manoj ranked 26th from the top and 55th from the bottom in his class. How many students are there in his class?

A. 82

B. 81

C. 79

D. 80

**Q44 General Intelligence & Reasoning**

What should come in place of the question mark (?) in the given series?

1 2 4 7 28 33 ?

A. 196

B. 197

C. 199

D. 198



Q45 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. PTR

B. WAY

C. NRP

D. GKH

**Q46 General Intelligence & Reasoning**

Ajay starts from Point A and drives 11 km towards North. He then takes a right turn, drives 3 km, turns right and drives 12 km. He then takes a right turn and drives 6 km. He takes a final right turn, drives 1 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90° turns only unless specified.)

A. 3 km to west

B. 4 km to west

C. 4 km to east

D. 3 km to east

**Q47 General Intelligence & Reasoning**

If 2 is added to each odd digit and 1 is subtracted from each even digit in the number 7135682, then how many digits will appear more than once in the new number thus formed?

A. Three

B. Two



C. None

D. One

Q48 General Intelligence & Reasoning

In a row of people all facing north, Puja is 13th from the left end. Barun is 15th from the left end. Barun is exactly between Puja and Risabh. If Risabh is 12th from the right end of the row, how many people are there in the row?

A. 30

B. 28



C. 27

D. 25

Q49 General Intelligence & Reasoning

Mr. Tuff starts from Point A and drives 7 km towards the east. He then takes a left turn and drives 2 km, then turns left and drives 9 km. He then takes a left turn and drives 9 km. He takes a final left turn, drives 2 km and stops at Point P. How far (shortest distance) and in which direction should he drive in order to reach Point A again? (All turns are 90-degree turns only unless specified.)

A. 7 km to the north



B. 8 km to the west

C. 7 km to the south

D. 6 km to the south

Q50 General Intelligence & Reasoning

In the following triads, each group of letters is related to the subsequent one following a certain logic. Select from the given options, the one which follows the same logic.

GULF – FLGU – GLUF

ALTS – STAL – ATLS

A. CALF – FLCA – ALCF

B. LIMB – IMLB – IMBL

C. FINE – FNIE – ENIF

D. SICK – KCSI – SCIK

**Q51 General Intelligence & Reasoning**

Seven people, A, B, C, D, P, Q and R, are sitting in a row, facing north.

Only three people sit between A and C. Q sits to the immediate left of C. No one sits to the right of B. Only two people sit between B and Q. D sits to the immediate right of R.

How many people sit between P and D?

A. Four

B. Three

C. Two



D. One

Q52 General Intelligence & Reasoning

UFNE is related to YCRB in a certain way based on the English alphabetical order. In the same way, CZVY is related to GWZV. To which of the given options is KTDS related, following the same logic?

A. NRGQ

B. OPGR

C. OQHP



D. MPFO



Q53 General Intelligence & Reasoning

Read the given statement(s) and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statement(s).

Statements:

All Peaches are Pineapples.
All Pineapples are Lemons.

Conclusions:

I. No Lemons are Peaches.
II. Some Lemons are Peaches.

- A. Neither conclusion (I) nor (II) follows.
B. Only conclusion (I) follows.
C. Only conclusion (II) follows. ✓
D. Both conclusions (I) and (II) follow.

Q54 General Intelligence & Reasoning

If 'P' stands for '×', 'Q' stands for '÷', 'R' stands for '-' and 'S' stands for '+', then what will come in place of the question mark (?) in the following equation?

(228 Q 12) S 69 P 3 S (216 Q 18) R 10 S 30 P 4 = ?

- A. 268
B. 328
C. 348 ✓
D. 428

Q55 General Intelligence & Reasoning

Seven people, I, J, K, L, U, V and W are sitting in a row, facing north.

Only three people sit between V and J. U sits to the immediate left of J. No one sits to the right of I. Only two people sit between I and U. W sits to the immediate right of L.

How many people sit between K and W?

- A. One
B. Three
C. Four
D. Two ✓

Q56 General Intelligence & Reasoning

If 2 is added to each odd digit and 2 is subtracted from each even digit in the number 75364812, then what will be the sum of the greatest and smallest digit in the new number thus formed?

- A. 10
B. 8
C. 9 ✓
D. 12

Q57 General Intelligence & Reasoning

XTXY is related to CYCD in a certain way based on the English alphabetical order. In the same way, GCGH is related to LHLM. To which of the given options is LHLM related, following the same logic?

- A. QNPX
B. QLPR
C. QMQR ✓
D. QMPR

Q58 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which is the one that does not belong to that group? (Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

- A. YA – RT
B. EH – XZ ✓
C. LN – EG
D. IK – BD

Q59 General Intelligence & Reasoning

A is the father of R. R is the mother of C. C is the son of D. G is the father of D. How is A related to G?

- A. Wife's father
B. Son's wife's brother
C. Son's wife's father ✓
D. Wife's brother



Q60 General Intelligence & Reasoning

Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

BIP 104, ELS 97, HOV 90, KRY 83, NUB 76, ?

A. MXE 69

B. QXE 69



C. QKE 69

D. QYE 69

General Awareness

40 Questions • Answer Key

Q61 General Awareness

As per VarIndia (April 2025), India's draft '6G THz Testbed' specifically targets components operating in frequencies above:

A. 300 GHz

B. 6 GHz

C. 100 GHz



D. 60 GHz

Q62 General Awareness

Which state is in the news for achieving full functional literacy in May 2025?

A. Meghalaya

B. Mizoram



C. Nagaland

D. Tripura

Q63 General Awareness

Which initiative promotes rooftop solar installations for households?

A. Solar India

B. URJA Mission

C. PM-KUSUM

D. Surya Ghar Muft Bijli Yojana

**Q64 General Awareness**

What is the value of one carat when expressed in SI units?

A. 100 milligrams

B. 500 milligrams

C. 200 milligrams



D. 1 gram

Q65 General Awareness

In which city is India's first AI-focused Special Economic Zone (SEZ) being established in 2025?

A. Hyderabad

B. Pune

C. Bengaluru

D. Nava Raipur

**Q66 General Awareness**

Landslides due to mining and land subsidence are commonly seen in:

A. Assam and West Bengal

B. Himachal Pradesh and Uttarakhand

C. Rajasthan and Haryana

D. Jharkhand and Chhattisgarh

**Q67 General Awareness**

Which sector in India saw significant growth due to globalisation and outsourcing after the 1990s?

A. IT and Services



B. Agriculture

C. Mining

D. Real Estate



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Q68 General Awareness

What has the Supreme Court of India ruled regarding the independence of tribunals?

- A. Tribunals, being quasi-judicial bodies, must be independent of the executive, just like regular courts.** ✓
- B. Tribunals can be managed by the subject-matter ministry to improve efficiency.
- C. Tribunals are executive bodies and need not be independent of the executive.
- D. Tribunals must be headed by sitting High Court judges to ensure credibility.

Q69 General Awareness

Who took over as the Deputy Governor of the Reserve Bank of India in May 2025?

- A. Dr. Poonam Gupta** ✓
- B. Swaminathan J
- C. Ajit Ratnakar Joshi
- D. Indranil Bhattacharyya

Q70 General Awareness

What has been the trend in India's per capita income since the 1991 reforms?

- A. Constant decline
- B. Gradual increase** ✓
- C. Fluctuating without a pattern
- D. No significant change

Q71 General Awareness

What is the primary objective of the e-Zero FIR initiative launched by the Union Ministry of Home Affairs in May 2025?

- A. Launch an online cyber safety portal
- B. Fast-track cyber fraud FIRs** ✓
- C. Provide compensation for cyber fraud victims
- D. Create a national crime database

Q72 General Awareness

How many pairs of false ribs are located above the floating ribs that are connected to each other by costal cartilage?

- A. 3** ✓
- B. 5
- C. 6
- D. 2

Q73 General Awareness

Who presides over the sessions of the Vidhan Sabha in a State?

- A. The Chief Minister of the State
- B. The Deputy Speaker by rotation
- C. The Governor of the State
- D. The Speaker elected by members** ✓

Q74 General Awareness

In Windows 11, what does the Alt + D keyboard shortcut do in File Explorer or a web browser?

- A. Deletes the selected file or folder
- B. Displays desktop
- C. Focuses the address bar** ✓
- D. Duplicates the current tab

Q75 General Awareness

'Diyaslai' is the autobiography of which social activist of India, on which the Indira Gandhi National Centre for the Arts (IGNCA), an autonomous institution under the Ministry of Culture held a dedicated discussion in February 2025 in an event graced by former President Ram Nath Kovind as the chief guest?

- A. Kailash Satyarthi** ✓
- B. Laxmi Agarwal
- C. Kiran Bedi
- D. Kamla Bhasin

Q76 General Awareness

What was the effect of English education and western thought on Indian nationalism?

- A. Encouraged partition
- B. Ignited national awakening** ✓
- C. Supported casteism
- D. Suppressed nationalism

Q77 General Awareness

Financial inclusion helps reduce income inequality in rural areas. Which platform provides a unified digital database for unorganised workers?

- A. Jan Dhan Yojana
- B. E-Shram portal** ✓
- C. UPI dashboard
- D. BHIM app



Q78 General Awareness

Bangladesh is located in which direction of India?

- A. Northwest
- B. West
- C. North
- D. East

**Q79 General Awareness**

Which MS Windows feature allows users to personalize their desktop background, theme and screensaver settings?

- A. Disk Management
- B. Device Manager
- C. Personalization Settings
- D. Task Scheduler

**Q80 General Awareness**

The Tripartite Struggle was a prolonged conflict among the Gurjara-Pratiharas, Palas, and which southern Indian dynasty?

- A. Rashtrakutas
- B. Satavahanas
- C. Pallavas
- D. Cholas

**Q81 General Awareness**

Who first presided over the first Indian National Congress session at Mumbai?

- A. W C Bannerjee
- B. Surendranath Bannerjee
- C. Anand Mohan Bose
- D. Dadabhai Naoroji

**Q82 General Awareness**

In March 2025, the Gujarat government launched which scheme to uplift 50,000 Antyodaya families through economic development and women empowerment programmes?

- A. G-SAMRIDHI
- B. G-SHAKTI
- C. G-SWARUPA
- D. G-SAFAL

**Q83 General Awareness**

The World Government Summit 2025, focusing on shaping future governments, was convened in which city?

- A. Dubai, United Arab Emirates
- B. Doha, Qatar
- C. Singapore
- D. Geneva, Switzerland

**Q84 General Awareness**

One of the major natural lakes in India, the Sambhar Lake of Rajasthan, is located in which of the following districts of the state?

- A. Jaipur
- B. Jaisalmer
- C. Barmer
- D. Jhunjhunu

**Q85 General Awareness**

Which of the following organisations launched the Bharatpol platform to enhance coordination with Interpol in January 2025?

- A. Central Bureau of Investigation (CBI)
- B. Ministry of Home Affairs (MHA)
- C. National Crime Records Bureau (NCRB)
- D. National Investigation Agency (NIA)

**Q86 General Awareness**

In which of the following years was the first ever National Agriculture Policy announced?

- A. 2000
- B. 2003
- C. 2010
- D. 2005

**Q87 General Awareness**

In 2025, the Central Government granted a one-year extension to Dr. Samir V Kamat, extending his tenure as Chief of which organisation till May 2026?

- A. Indian Space Research Organisation (ISRO)
- B. Defence Research and Development Organisation (DRDO)
- C. National Security Council Secretariat (NSCS)
- D. Council of Scientific and Industrial Research (CSIR)



Q88 General Awareness

Why does the eastern coastal plain have fewer ports and harbours compared to the western coastal plain?

A. It is an emergent coast



B. It receives more rainfall

C. It has more tourist beaches

D. It is closer to the Equator

Q89 General Awareness

Mont Blanc is the highest peak of which mountain range?

A. Andes

B. Western Ghats

C. Himalayas

D. Alps

**Q90 General Awareness**

During the Gupta period, who was the Commander-in-Chief of the Gupta Army?

A. Sandhivigrahika

B. Mahasenapati



C. Amatya

D. Mahamatya

Q91 General Awareness

Pykara was marked as the first water power station in which state of India?

A. Kerala

B. Madhya Pradesh

C. Tamil Nadu



D. Odisha

Q92 General Awareness

Which of the following languages is most notably associated with the literary contributions of Girish Karnad, exemplified by his acclaimed play 'Tughlaq'?

A. Kannada



B. Telugu

C. Tamil

D. Marathi

Q93 General Awareness

Which of the following is a socio-economic Directive Principle?

A. Independence of the judiciary

B. Promotion of international peace

C. Equal pay for equal work



D. Separation of powers

Q94 General Awareness

Which of the following Constitutional Amendments introduced the Goods and Services Tax (GST) in India?

A. 101st Amendment



B. 103rd Amendment

C. 97th Amendment

D. 108th Amendment

Q95 General Awareness

Which Article of the Indian Constitution deals with the impeachment procedure of the President?

A. Article 66

B. Article 52

C. Article 54

D. Article 61

**Q96 General Awareness**

Who became the first Indian space tourist in 2025, joining the crew for Amazon founder Jeff Bezos' Blue Origin's NS-25 mission?

A. Zoya Agarwal

B. Gopi Thotakura



C. Shubham Banerjee

D. Mohadessa Jafri

Q97 General Awareness

Who was the first Portuguese explorer to reach India in 1498, arriving at Calicut on the Malabar Coast?

A. Columbus

B. Vasco da Gama



C. Albuquerque

D. Nino-da-Cunha



Q98 General Awareness

Which architectural style characterises the Chhatrapati Shivaji Maharaj Terminus (CSMT) building in Mumbai, India, completed in 1887?

- A. Mughal
- B. Indo-Saracenic
- C. Victorian Gothic
- D. Rajput

Q99 General Awareness

Which test was successfully conducted by ISRO in the development of the semicryogenic engine in March 2025?

- A. Static fire test of the rocket booster
- B. Hot test of the engine power head test article
- C. Cold test of the fuel system
- D. Flight test of the complete launch vehicle

Q100 General Awareness

What is the specific heat of copper, which is often used for pots and pans because it heats up quickly?

- A. 239.3 J kg⁻¹K⁻¹
- B. 712.1 J kg⁻¹K⁻¹
- C. 604.2 J kg⁻¹K⁻¹
- D. 386.4 J kg⁻¹K⁻¹



Mathematics

30 Questions • Answer Key

Q1 Mathematics

A bus travelling at 95 km/hr completes a journey in 10 hours. What should be in its speed to cover the same distance in 5 hours?

- A. 187 km/hr
- B. 193 km/hr
- C. 190 km/hr
- D. 182 km/hr



Q2 Mathematics

7 years ago, the age of a father was 13 years more than twice his son's age. After how many years, from now, will he be twice his son's age?

- A. 8
- B. 7
- C. 6
- D. 4



Q3 Mathematics

The number 788973289 is divisible by which of the following?

- A. 18
- B. 13
- C. 7
- D. 12



Q4 Mathematics

The population of a district is 329000, out of which 209000 are males. 44% of the population is literate. If 44% males are literate, then what percentage of females are literate?

- A. 42%
- B. 45%
- C. 44%
- D. 46%



Q5 Mathematics

The average of first 152 odd natural numbers, is:

- A. 151.5
- B. 152.5
- C. 152
- D. 153



Q6 Mathematics

Find the value of: $[836 \div \{30 + 2 \times (7 - 3)\}]$.

- A. 27
- B. 22
- C. 20
- D. 21



Q7 Mathematics

The average price of three items of furniture is ₹16,050. If their prices are in the ratio 3 : 5 : 7, the price of the cheapest item (in ₹) is:

- A. 7,490
- B. 3,210
- C. 9,630
- D. 5,350



Q8 Mathematics

Kushal and Brijesh together invested ₹37,100 in a business. At the end of the year, out of a total profit of ₹12,000, Brijesh's share was ₹5,700. What was the difference between their investments?

- A. ₹1,742
- B. ₹2,347
- C. ₹3,438
- D. ₹1,855



Q9 Mathematics

Train A leaves station M at 8:00 a.m. and reaches station N at 3:00 p.m. on the same day. Train B leaves station N at 10:00 a.m. and reaches station M at 3:00 p.m. on the same day. Find the time when Trains A and B meet.

A. 6: 47 a.m.

B. 5:46 a.m.

C. 12:05 p.m. ✓

D. 11:14 a.m.

Q10 Mathematics

56 tube lights were purchased for ₹56, and 20 tube lights broke in transit. The trader sold the remaining tube lights at ₹4.60 each. Find his profit.

A. ₹120.80

B. ₹109.60 ✓

C. ₹112.60

D. ₹112.50

Q11 Mathematics

The sum of two numbers is 80 and their L.C.M. is 558. What are the two numbers?

A. 11, 69

B. 23, 57

C. 16, 64

D. 18, 62 ✓

Q12 Mathematics

A sum of ₹2,500 is invested in a bank at 2% interest per annum compounded annually. On maturity, the amount payable becomes ₹2,601. Find the time period of the investment.

A. 1.5 years

B. 2.5 years

C. 2 years ✓

D. 1 year

Q13 Mathematics

A, B and C invest a sum in the ratio of 61 : 43 : 90, respectively. If they earned a total profit of ₹2,910 at the end of the year, then what is the difference between share of B and C?

A. ₹705 ✓

B. ₹807

C. ₹633

D. ₹753

Q14 Mathematics

The number of prime numbers lying between 476 and 485, both included, is:

A. 6

B. 2

C. 1 ✓

D. 4

Q15 Mathematics

A discount of 13% on the marked price of an article is allowed and then the article is sold for ₹348. The marked price of the article is:

A. ₹400 ✓

B. ₹380

C. ₹420

D. ₹392

Q16 Mathematics

Evaluate: $(-9) - (-60) \div (-10) + (-3) \times 8$

A. -38

B. -42

C. -39 ✓

D. -41

Q17 Mathematics

If 36% of first number is equal to four-sevenths of second number, what is the ratio of first number to the second number?

A. 95 : 60

B. 99 : 62

C. 104 : 61

D. 100 : 63 ✓

Q18 Mathematics

A shopkeeper is given a 10% trade discount and a 5% scheme discount (free units). On purchasing 100 units priced at ₹50 each, what is the trade discount amount?

A. ₹700

B. ₹1,000

C. ₹250

D. ₹500 ✓



Q19 Mathematics

The product of two consecutive natural numbers is 6. The greater of the two numbers is:

A. 3



B. 19

C. 2

D. 5

Q20 Mathematics

Find the simple interest (in ₹) if a sum of ₹400 is borrowed for 4.5 years at 8% per annum rate of interest.

A. 124

B. 194

C. 144



D. 244

Q21 Mathematics

5 men can complete a piece of work in 18 days, while 9 women can do it in 5 days. In how many days can 3 women and 3 men complete this work?

A. 5 days

B. 7 days

C. 10 days



D. 8 days

Q22 Mathematics

What smallest number should be added to 57846 so that the sum is completely divisible by 58?

A. 43

B. 41

C. 38



D. 42

Q23 Mathematics

A spherical tank has a diameter of 10 metres. What is the volume of the spherical tank? (Use $\pi = 3.141$)

A. 523.5 cubic metre



B. 492.6 cubic metre

C. 423.5 cubic metre

D. 504.8 cubic metre

Q24 Mathematics

$\sin^2 \alpha$ is:

A. $\frac{2}{5}$

B. $\frac{1}{5}$

C. $\frac{3}{5}$

D. $\frac{4}{5}$



Q25 Mathematics

Simplify the following.

$$4\left(\left(\frac{3}{4}\right)x^2 - 26x + 17\right) - 3(x^2 + 4x - 14)$$

A. $116x - 10$

B. $116x + 110$

C. $-116x + 110$



D. $-116x - 110$

Q26 Mathematics

By how much is 65% of 65 greater than $\frac{4}{5}$ of 15?

A. 24.25

B. 28.25

C. 30.25



D. 27.25

Q27 Mathematics

A can lay railway track between two given stations in 16 days and B can do the same job in 11 days. With the help of C, they did the job in 3 days only. Then, C alone can do the job in

A. $5\frac{53}{95} \text{ days}$



B. $9\frac{53}{95} \text{ days}$

C. $13\frac{53}{95} \text{ days}$

D. $11\frac{53}{95} \text{ days}$

Q28 Mathematics

ABCD is a trapezium in which $BC \parallel AD$ and $AC = CD$. If $\angle ABC = 20^\circ$ and $\angle BAC = 131^\circ$, then what is the measure of $\angle ACD$ (in degree)?

A. 122°



B. 111°

C. 113°

D. 128°



Q29 Mathematics

A cylindrical rod has an outer curved surface area of 1800 cm^2 . If the length of the rod is 52 cm, then the outer radius (in cm) of the rod, correct to two places of decimal, is:

Take $\pi = \frac{22}{7}$.

A. 5.51



B. 5.37

C. 6.69

D. 6.32

Q30 Mathematics

A trader claims to sell grains at a profit of 29%, but also dishonestly uses a weight which is 13% less than what is mentioned on it. Find the total percentage of profit earned by the trader. (Round off the answer to the nearest whole number.)

A. 43%

B. 48%



C. 50%

D. 49%

General Intelligence & Reasoning

30 Questions • Answer Key

Q31 General Intelligence & Reasoning

In a certain code language,

A \$ B means 'A is the son of B'

A + B means 'A is the brother of B'

A @ B means 'A is the wife of B'

A ÷ B means 'A is the father of B'

Based on the above, how is E related to N if 'E \$ F @ G ÷ M + N'?

A. Mother

B. Father

C. Brother



D. Sister

Q32 General Intelligence & Reasoning

If 'A' stands for '÷', 'B' stands for '×', 'C' stands for '+' and 'D' stands for '-', what will come in place of the question mark (?) in the following equation?

10 B 3 D 27 C 18 A 2 = ?

A. 7

B. 12



C. 25

D. 18

Q33 General Intelligence & Reasoning

Person X starts from point A and drives 5 km towards the south. He then takes a left turn, drives 5 km, turns right and drives 5 km. He then takes a right turn and drives 7 km. He then takes a right turn, drives 10 km. He then takes a final left turn and drives 3 km and stops at point B. How far (shortest distance) and towards which direction should he drive in order to reach point A again? (All turns are 90 degrees unless specified)

A. 3 km south

B. 5 km east



C. 5 km south

D. 5 km west

Q34 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series?

12 21 40 69 108 ?

A. 149

B. 137

C. 143

D. 157



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Q35 General Intelligence & Reasoning

Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) 3 * 8 & @ 9 \$ 1 & 5 Ω 6 # 7 % 4 £ 2 (Right)

How many such symbols are there, each of which is immediately preceded by an odd number but NOT immediately followed by an even number?

A. More than two

B. One

C. None

D. Two

**Q36 General Intelligence & Reasoning**

Seven boxes V, W, X, Y, Z, Q and R are kept one over the other but not necessarily in the same order. V is kept second from the bottom. Only three boxes are kept between V and Y. Z is kept at one of the positions below V. Only Q is kept between Y and R. W is kept at one of the positions above Y. How many boxes are kept between X and Y?

A. One

B. Four

C. Three

D. Two

**Q37 General Intelligence & Reasoning**

Hriday ranked 26th from the top and 38th from the bottom in his class. How many students are there in his class?

A. 61

B. 63



C. 62

D. 64

Q38 General Intelligence & Reasoning

If 1 is added to each even digit and 2 is subtracted from each odd digit in the number 9342865, then what will be the sum of the digits that are first from the left and first from the right in the new number thus formed?

A. 7

B. 9

C. 10



D. 8

Q39 General Intelligence & Reasoning

Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) 9 4 4 @ 6 9 5 # * + 4 9 % \ & + < > > ^ # (Right)

How many such numbers are there, each of which is immediately preceded by a symbol and also immediately followed by another number?

A. Two



B. None

C. Three

D. One

Q40 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. KN-GI

B. OR-KM

C. SV-OQ

D. VY-RS

**Q41 General Intelligence & Reasoning**

If 1 is added to each even digit and 3 is subtracted from each odd digit in the number 6798245, what will be difference between the highest and second lowest digits thus formed?

A. 6



B. 8

C. 7

D. 9



Q42 General Intelligence & Reasoning

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements: All triangle are rectangle. All square are rectangle.

Conclusion (I): Some triangle are square.

Conclusion (II): Some rectangle are square.

A. Only conclusion (II) follows.



B. Neither conclusion (I) nor (II) follows.

C. Only conclusion (I) follows.

D. Both conclusions (I) and (II) follow.

Q43 General Intelligence & Reasoning

In the following triads, each group of letters is related to the subsequent one following a certain logic. Select from the given options, the one which follows the same logic.

ROAM – MORA – OARM

CRIB – BRCI – RICB

A. PING – PNIG – GNIP

B. FUME – EUFM – UMFE



C. SONG – OSNG – GONS

D. GUYS – SUGY – YUGS

Q44 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. PL-IN

B. VR-OT

C. MI-FL



D. SO-LQ

Q45 General Intelligence & Reasoning

WPKD is related to BUPI in a certain way based on the English alphabetical order. In the same way, QJEX is related to VOJC. To which of the given options is FYTM related, following the same logic?

A. KYDR

B. KDRY

C. KDYR



D. KYRD

Q46 General Intelligence & Reasoning

Manoj starts from Point Y and drives 16 km towards north. He then takes a right turn and drives 4 km. He then turns right and drives 16 km. He takes a final left turn, drives 4 km and stops at Point Z. How far (shortest distance) and towards which direction should he drive in order to reach Point Y again? (All turns are 90-degree turns only, unless specified.)

A. 4 km towards north

B. 8 km towards west



C. 4 km towards east

D. 6 km towards north

Q47 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series based on the English alphabetical order?

GMR AGL UAF OUZ ?

A. ITO

B. IOT



C. TOI

D. TIO

Q48 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series?

6 24 27 108 111 ?

A. 444



B. 409

C. 393

D. 303

Q49 General Intelligence & Reasoning

Seven boxes A, B, C, D, E, F and G are kept one over the other but not necessarily in the same order. Only three boxes are kept below G. Only two boxes are kept between G and F. Only B is kept above D. E is kept at some place below A and at some place above C. How many boxes are kept above A?

A. One

B. Four

C. Two



D. Three



Q50 General Intelligence & Reasoning

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.

Statements:

All rectangles are squares.
All squares are trapezoids.

Conclusions:

- I. All trapezoids are rectangles.
II. Some trapezoids are rectangles.

- A. Neither conclusion (I) nor (II) follows.
B. Only conclusion (II) follows. ✓
C. Only conclusion (I) follows.
D. Both conclusions (I) and (II) follow.

Q51 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

- A. SP-AV
B. BY-JF ✓
C. QN-YT
D. JG-RM

Q52 General Intelligence & Reasoning

In the following number-pairs, the second number is obtained by applying certain mathematical operation(s) to the first number. Select the number-pair in which the numbers are related in the same way as are the numbers of the following pairs.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding to/subtracting from/multiplying with 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

27, 135
33, 165

- A. 29, 125
B. 19, 105
C. 22, 110 ✓
D. 35, 180

Q53 General Intelligence & Reasoning

In a certain code language, 'close your window' is written as 'mb tb jb' and 'door or window' is coded as 'lk mb fb'. How is 'window' coded in the given language?

- A. lk
B. fb
C. mb ✓
D. tb

Q54 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series based on the English alphabetical order?

UWZ SUX QSV OQT ?

- A. MPR
B. MOS
C. MOR ✓
D. MPS

Q55 General Intelligence & Reasoning

What will come in place of '?' in the following equation if '+' and '-' are interchanged and 'x' and '÷' are interchanged?

$$8 \div 6 + 78 \times 6 - 17 = ?$$

- A. 52 ✓
B. 66
C. 59
D. 45

Q56 General Intelligence & Reasoning

AHJQ is related to DJMS in a certain way based on the English alphabetical order. In the same way, MPVY is related to PRYA. To which of the given options is VVEE related, following the same logic?

- A. YXGH
B. YGFT
C. YXHG ✓
D. YGHJ



Q57 General Intelligence & Reasoning

A, B, C, D, J, K and L are sitting around a circular table, facing the centre of the table. Only three people sit between J and L when counted from the left of J. Only three people sit between K and C when counted from the right of C. D sits to the immediate right of K. A is an immediate neighbour of C as well as L. Who sits second to the left of B?

A. A



B. C

C. D

D. K

Q58 General Intelligence & Reasoning

In a certain code language, 'MUTE' is coded as '4527' and 'TOPS' is coded as '1346'. What is the code for 'T' in that language?

A. 1

B. 2

C. 3

D. 4

**Q59 General Intelligence & Reasoning**

What should come in place of the question mark (?) in the given series?

491 492 496 505 521 ?

A. 546



B. 536

C. 531

D. 541

Q60 General Intelligence & Reasoning

Seven people, G, H, I, J, K, L and S, are sitting in a row facing North. Only five people sit between K and G. H sits to the immediate left of G. Only one person sits between H and S. L sits at some place to the left of J but at some place to the right of I. Who sits third from the left end of the line?

A. H

B. L



C. I

D. S

General Awareness

40 Questions • Answer Key

Q61 General Awareness

The Sarkaria Commission primarily focussed on strengthening which type of federalism in India?

A. Unitary federalism

B. Competitive federalism

C. Co-operative federalism



D. Fiscal federalism

Q62 General Awareness

As of May 2025, former cricketer Harbhajan Singh represents which political party in the Rajya Sabha?

A. Bharatiya Janata Party

B. Aam Aadmi Party



C. Shiromani Akali Dal (Badal)

D. Indian National Congress

Q63 General Awareness

Liberalisation reduced government control over economic activities. What did liberalisation in 1991 primarily aim to eliminate?

A. Banking services

B. Public sector employment

C. Agricultural subsidies

D. Industrial licensing and quota system

**Q64 General Awareness**

Which undersea defence weapon was successfully trialed by the Indian Navy in May 2025?

A. Multi-Influence Ground Mine



B. Hydro Depth Torpedo

C. Submarine Neutralizer

D. Deep-Sea Explosive



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Q65 General Awareness

VARUNA is a bilateral naval exercise between India and:

- A. the US
- B. France ✓
- C. the UK
- D. South Korea

Q66 General Awareness

Which of the following shortcut keys is used to switch between open applications in Windows?

- A. Alt + Tab ✓
- B. Alt + F4
- C. Alt + Ins
- D. Alt + Del

Q67 General Awareness

Under Article 244(2) of the Constitution of India, the provisions of the Sixth Schedule apply to the administration of tribal areas in which of the following sets of States?

- A. Nagaland, Manipur, Meghalaya and Arunachal Pradesh
- B. Gujarat, Madhya Pradesh, Rajasthan and Chhattisgarh
- C. Assam, Meghalaya, Tripura and Mizoram ✓
- D. Bihar, Odisha, West Bengal and Assam

Q68 General Awareness

The names of Dora Bisoi and Chakra Bisoi are associated with the uprising against political unrest, the unsuitability of British laws and regulations and the economic suffering of the Khonds in ____.

- A. Ghumusar, Odisha ✓
- B. Eluru, Andhra Pradesh
- C. Jandiala, Punjab
- D. Mandawa, Rajasthan

Q69 General Awareness

Identify the correct combination of the abbreviation, its full form and its application.

- A. LAN – Large Area Network – Used for connecting computers across continents
- B. CD – Compact Disk – Used for high-speed internet access
- C. ASCII – American Standard Code for Information Interchange – Encodes text in computers ✓
- D. ASCII – Automated Symbolic Code for Integrated Input – Converts images to code

Q70 General Awareness

Which author released 'The Himalaya in a Small House' in 2025, chronicling life in a Himalayan village?

- A. Ruskin Bond
- B. Anuradha Roy ✓
- C. Amitav Ghosh
- D. Namita Gokhale

Q71 General Awareness

In which of the following years did Lord Curzon pass the Indian Universities Act, imposing strict control over Indian universities?

- A. 1889
- B. 1897
- C. 1886
- D. 1904 ✓

Q72 General Awareness

The Fifth Schedule of the Indian Constitution contains provisions for the administration and control of which of the following?

- A. Disqualification of legislators on grounds of defection
- B. Union and State Lists of the Seventh Schedule
- C. Official languages of India
- D. Scheduled Areas and Scheduled Tribes ✓

Q73 General Awareness

When was the Real Estate (Regulation and Development) Act (RERA) enacted to regulate and promote the real estate sector, ensuring transparency and accountability in transactions and protecting the interests of homebuyers?

- A. 2012
- B. 2018
- C. 2020
- D. 2016 ✓

Q74 General Awareness

Which Indian football club won the 2025 Kalinga Super Cup?

- A. Jamshedpur FC
- B. FC Goa ✓
- C. ATK Mohun Bagan
- D. Bengaluru FC



Q75 General Awareness

Who among the following officials was responsible for maintaining law and order in a village during Sher Shah's administration?

A. Shiqqdar



B. Qazi

C. Fotedar

D. Muqaddam

Q76 General Awareness

Which international observance, celebrated on 3 March 2025, had the theme 'Wildlife Conservation Finance: Investing in People and Planet'?

A. International Day for Biological Diversity

B. World Wildlife Day



C. World Environment Day

D. Earth Day

Q77 General Awareness

As of March 14, 2024, which of the following is Asia's longest tunnel?

A. Natuwadi Tunnel

B. Zojila Tunnel



C. Tike Tunnel

D. Pir Panjal Railway Tunnel

Q78 General Awareness

With which of the following countries has Armenia signed a peace treaty in March 2025?

A. Georgia

B. Syria

C. Turkey

D. Azerbaijan

**Q79 General Awareness**

Which of the following kitchen chemicals is commonly used to preserve pickles?

A. Yeast

B. Baking soda

C. Sugar

D. Vinegar

**Q80 General Awareness**

What was the outcome of the 2025 Delhi Legislative Assembly elections?

A. BJP won a majority, forming the government.



B. Hung assembly; a coalition was formed between BJP and Congress.

C. AAP retained power with an increased majority.

D. Congress won for the first time in over a decade.

Q81 General Awareness

The main reason for the Partition of India in 1947 was ____.

A. Social and Economic differences in community

B. Language dispute

C. Communal tensions and political disagreements



D. British administrative failure

Q82 General Awareness

In which state did the Indian Army conduct the tri-service integrated multi-domain warfare exercise, 'Prachand Prahaar', in March 2025?

A. Arunachal Pradesh



B. Sikkim

C. Meghalaya

D. Assam

Q83 General Awareness

Which Indian city is home to the Motilal Nehru National Institute of Technology (MNNIT), where research on lightning impact on planes is being conducted?

A. Lucknow

B. Varanasi

C. Kanpur

D. Prayagraj

**Q84 General Awareness**

Which of the following rivers belongs to the Peninsular Plateau?

A. Beas river

B. Lohit river

C. Krishna river



D. Dibang river



Q85 General Awareness

Which Delhi Sultan captured Bukka and Harihara after the fall of the Kakatiya Kingdom?

- A. Balban
- B. Muhammad bin Tughlaq ✓
- C. Firoz Shah Tughlaq
- D. Alauddin Khalji

Q86 General Awareness

When was the Community Development Programme (CDP) launched in India?

- A. 1 July 1951
- B. 1 January 1947
- C. 1 March 1950
- D. 2 October 1952 ✓

Q87 General Awareness

Where is the primary focus of the Sampoorna Grameen Rozgar Yojana (SGRY)?

- A. Coastal areas
- B. Industrial areas
- C. Rural areas ✓
- D. Urban areas

Q88 General Awareness

Which of the following options lies between the Western Ghats and the Arabian Sea?

- A. Eastern Coastal Plain
- B. Western Coastal Plain ✓
- C. Deccan Plateau
- D. Malwa Plateau

Q89 General Awareness

Which of the following Fundamental Rights is guaranteed under Article 14 of the Indian Constitution?

- A. Equality before the law ✓
- B. Protection of life and personal liberty
- C. Right to freedom of religion
- D. Prohibition of child labour

Q90 General Awareness

Which of the following Indian states received a World Bank loan of ₹2,424 crore to upgrade healthcare?

- A. Rajasthan
- B. Gujarat
- C. Kerala ✓
- D. Andhra Pradesh

Q91 General Awareness

At the Doha Diamond League 2025, after throwing beyond 90 metres, Neeraj Chopra achieved which historic distinction for Indian athletics?

- A. He became the 2nd Indian athlete to surpass the 90-metre mark in javelin throw.
- B. He became the 3rd Indian athlete to surpass the 90-metre mark in javelin throw.
- C. He became the 1st Indian athlete to surpass the 90-metre mark in javelin throw. ✓
- D. He broke the world record for the longest javelin throw.

Q92 General Awareness

According to the Census of India 2011, which is the most Urbanised state of India?

- A. Haryana
- B. Goa ✓
- C. Punjab
- D. Kerala

Q93 General Awareness

Which mountain is located in South America?

- A. Vosges
- B. Andes ✓
- C. Rockies
- D. Alps

Q94 General Awareness

Who administers the oath of office to the Governor?

- A. Vice-President
- B. President
- C. Chief Minister
- D. Chief Justice of High Court ✓



Q95 General Awareness

Which of the following is the most abundant protein in the biosphere?

- A. GLUT-4
- B. Collagen
- C. RuBisCO
- D. Myosin



Q96 General Awareness

Which of the following is India's first cheetah conservation breeding centre, approved by the Central Zoo Authority (CZA) in 2024?

- A. Bandhavgarh National Park
- B. Tadoba National Park
- C. Banni grasslands
- D. Gandhi Sagar Wildlife Sanctuary



Q97 General Awareness

During which of the following dynasties was the Kailasa Temple at Ellora built?

- A. Rashtrakutas
- B. Pallavas
- C. Cholas
- D. Chalukyas



Q98 General Awareness

What does Section 498A of the Indian Penal Code (IPC) deal with?

- A. Cruelty by husband or his relatives towards a woman
- B. Dowry death
- C. Domestic violence protection
- D. Child marriage



Q99 General Awareness

How many mutually independent base quantities are there in the current International System of Units (SI)?

- A. 7
- B. 10
- C. 6
- D. 13



Q100 General Awareness

Which Indian think tank organised the 2025 World Sustainable Development Summit (WSDS)?

- A. Research and Information System (RIS)
- B. National Institution for Transforming India (NITI) Aayog
- C. Centre for Science and Environment (CSE)
- D. The Energy and Resource Institute (TERI)



Mathematics

30 Questions • Answer Key

Q1 Mathematics

Find the value of $[290 \div \{17 + 7 \times (2 - 3)\}]$.

A. 29



B. 24

C. 26

D. 25

Q2 Mathematics

A shopkeeper bought an article for ₹576. At what price should he mark the article to earn a profit of 15% after allowing a discount of 4%?

A. ₹690



B. ₹639

C. ₹636

D. ₹685

Q3 Mathematics

In covering a distance of 52 km, Pranay takes 7 hours more than Aman. If Pranay doubles his speed, then he would take 6 hours less than Aman. Pranay's speed is:

A. 10 km/hr

B. 2 km/hr



C. 3 km/hr

D. 8 km/hr

Q4 Mathematics

Two pipes can fill a cistern, individually, in 70 min and 30 min, respectively. There is a pipe located at the bottom of the cistern to empty it. If all the three pipes are opened simultaneously, then the empty cistern gets filled in 28 min. How long will the pipe at the bottom of the tank take to empty the completely filled cistern if no other pipe is then open?

A. 81 min

B. 67 min

C. 80 min

D. 84 min



Q5 Mathematics

If 77% of first number is equal to three-fourths of second number, what is the ratio of first number to the second number?

A. 75 : 77



B. 72 : 73

C. 74 : 75

D. 73 : 82

Q6 Mathematics

Find the simple interest (in ₹) on ₹4,000 at 7.5% per annum rate of interest deposited on 3 February 2024 and withdrawn on 4 April 2024.

A. ₹48

B. ₹50



C. ₹49

D. ₹51

Q7 Mathematics

The cost of 18 pens and 4 pencils is ₹200. If the cost of a pen decreases by ₹1 and the cost of a pencil increases by ₹3, then the cost of 19 pens and 3 pencils is ₹151. What is the original cost of 12 pens and 10 pencils?

A. ₹429

B. ₹430

C. ₹434



D. ₹433

Q8 Mathematics

5 years ago, the age of a father was 14 years more than twice his son's age. After how many years, from now, will he be twice his son's age?

A. 9



B. 10

C. 11

D. 14



Q9 Mathematics

A man goes to Lucknow from Kanpur at a speed of 36 km/hr and returns to Kanpur at speed of 45 km/hr, through the same route. What is his average speed (in km/hr) of the entire journey?

A. 43

B. 39

C. 45

D. 40

**Q10 Mathematics**

A vendor claims to sell wheat at a loss of 65%, but he cheats by using weights that are 70% less than the stated weight. What is his actual profit percentage (round off to two decimal places)?

A. 16.67%



B. 12.93%

C. 11.35%

D. 19.59%

Q11 Mathematics

The LCM of the numbers 2.1 and 0.68 is:

A. 0.714

B. 7.14

C. 714

D. 71.4

**Q12 Mathematics**

M and N started a business. M invested ₹69,000 more than N for 5 months, while N invested for 3 months. M's share is ₹720 more than that of N, out of a total profit of ₹2,160. Find the capital contributed by M.

A. ₹4,14,000



B. ₹4,14,120

C. ₹4,14,100

D. ₹4,14,073

Q13 Mathematics

The HCF and the LCM of two numbers are 5 and 3190, respectively. If one of the numbers is 110, find the other one.

A. 155

B. 135

C. 145



D. 165

Q14 Mathematics

Sapna invested ₹20,700 on simple interest, partly at 9% per annum and partly at 14% per annum. If she earns equal interests from the two investments after 3 years, then find the sum invested at 9% per annum (in ₹).

A. 12,600



B. 12,599

C. 12,597

D. 12,602

Q15 Mathematics

If the 6-digit number N00M49 is divisible by 11, then which of the options below can give a possible correct relation between M and N?

A. $M + N = 5$

B. $M = N$

C. $M - N = 1$

D. $M - N = -5$

**Q16 Mathematics**

P, Q and R invest a sum in the ratio of 3 : 53 : 24, respectively. If they earned a total profit of ₹1,280 at the end of the year, then what is the difference between share of Q and R?

A. ₹417

B. ₹570

C. ₹533

D. ₹464

**Q17 Mathematics**

The average of first 174 even numbers is

A. 175.5

B. 174.5

C. 175



D. 176

Q18 Mathematics

Which of the following numbers divides 889897?

A. 52

B. 69

C. 64

D. 59



Q19 Mathematics

The population of a district is 373000, out of which 227000 are males. 69% of the population is literate. If 69% males are literate, then what percentage of females are literate?

A. 69%



B. 70%

C. 67%

D. 68%

Q20 Mathematics

The average weight (in kg) of a family of five members whose weights are 40 kg, 49 kg, 56 kg, 76 kg and 36 kg is:

A. 53.4

B. 52.4

C. 51.4



D. 50.4

Q21 Mathematics

A wholesaler offers a trade discount of 15% on a product priced at ₹8,000. The customer is also eligible for a scheme discount of 5% on the already discounted price. What is the final price the customer has to pay?

A. ₹6,460



B. ₹6,440

C. ₹6,800

D. ₹6,600

Q25 Mathematics

Pipe A can fill a tank in 13 hours, Pipe B in 27 hours, and Pipe C in 19 hours. What is the time (in hours) taken to fill the tank when all three pipes are opened together?

A. $6\frac{3}{1111}$



B. $5\frac{3}{1111}$

C. $4\frac{3}{1111}$

D. $7\frac{3}{1111}$

Q22 Mathematics

Evaluate: $(-9) - (-60) \div (-6) + (-4) \times 8$

A. -53

B. -50

C. -51



D. -54

Q23 Mathematics

Mohan bought some pens at the rate of ₹150/dozen. He sold them for ₹16 each. His profit percentage is ____%.

A. 28



B. 30

C. 32

D. 26

Q24 Mathematics

The volume of a cube is 1728 cm^3 . Find its total surface area (in cm^2).

A. 784

B. 764

C. 884

D. 864



Q26 Mathematics

The value of $\frac{(1 + \sin A)(\tan A - \sec A + 1)\sec A}{\tan A + \sec A - (\sec^2 A - \tan^2 A)}$ is:

A. 1



B. 0

C. $\sec A$

D. $\sin A$

Q27 Mathematics

By how much is 65% of 65 greater than $\frac{3}{5}$ of 15?

A. 30.25

B. 31.25

C. 27.25

D. 33.25



Q28 Mathematics

Simplify: $4\left(\left(\frac{7}{4}\right)x^2 - 27x + 19\right) - 7(x^2 + 9x - 14)$

A. $-171x - 174$

B. $171x + 174$

C. $171x - 174$

D. $-171x + 174$



Q29 Mathematics

ABCD is a trapezium in which $BC \parallel AD$ and $AC = CD$. If $\angle ABC = 40^\circ$ and $\angle BAC = 120^\circ$, then what is the measure of $\angle ACD$ (in degree)?

A. 149°

B. 140°



C. 148°

D. 144°

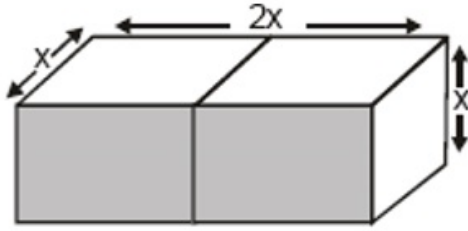


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Q30 Mathematics

Two cubes each of volume 125 cm^3 are joined end to end. The total surface area of the resulting cuboid is:



- A. 80 cm^2
- B. 160 cm^2
- C. 250 cm^2 ✓
- D. 125 cm^2

General Intelligence & Reasoning

30 Questions • Answer Key

Q31 General Intelligence & Reasoning

Six friends, J, K, L, M, N and O, are sitting in a straight line, facing north. L sits second to the left of M, who sits to the immediate left of K. J sits to the immediate left of N. L does not sit on any of the extreme ends. Who sits second to the right of O?

- A. M
- B. N
- C. K ✓
- D. J

Q32 General Intelligence & Reasoning

If 2 is added to each even digit and 1 is subtracted from each odd digit in the number 4739215, what will be the difference between the greatest and smallest digits in the new number thus formed?

- A. 2
- B. 8 ✓
- C. 6
- D. 4

Q33 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series?

591 592 596 605 621 ?

- A. 636
- B. 631
- C. 641
- D. 646 ✓

Q34 General Intelligence & Reasoning

Read the given statement(s) and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statement(s).

Statements:

All Turquoises are Ochres.
All Ochres are Blues.

Conclusions:

I. No Blues are Turquoises.
II. Some Blues are Turquoises.

- A. Both conclusions (I) and (II) follow.
- B. Only conclusion (II) follows. ✓
- C. Only conclusion (I) follows.
- D. Neither conclusion (I) nor (II) follows.

Q35 General Intelligence & Reasoning

Refer to the following number and symbol series and answer the question that follows. All numbers are single-digit. Counting to be done from left to right.

(Left) 3 8 \$ 7 ? 5 % 4 1 Ω 2 # 6 & * 9 @ £ (Right)

How many such symbols are there, each of which is immediately preceded by an even number and also immediately followed by an odd number?

- A. None
- B. One ✓
- C. Three
- D. Two



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Q36 General Intelligence & Reasoning

What will come in place of the question mark (?) in the following equation, if '+' and '÷' are interchanged and '-' and '×' are interchanged?

$$15 - 3 \div 21 + 3 \times 36 = ?$$

A. 13

B. 21

C. 9

D. 16

Q37 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series?

55 64 81 106 139 ?

A. 179

B. 180

C. 182

D. 181

Q38 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series?

550 551 555 556 560 561 ? 566

A. 565

B. 567

C. 564

D. 563

Q39 General Intelligence & Reasoning

Shivani starts from point A and drives 11 km towards the east. She then takes a left turn, drives 5 km, turns right and drives 5 km. She then takes a right turn and drives 7 km. She then takes a right turn, drives 7 km. She then takes a left turn and drives 10 km. She then takes a final right turn and drives 9 km and stops at point B. How far and towards which direction should she drive in order to reach point A again? (All turns are 90 degrees unless specified)

A. 10 km south

B. 11 km north

C. 10 km north

D. 12 km north

Q40 General Intelligence & Reasoning

Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) 9 9 5 € 2 3 £ © € * 3 4 * @ @ 1 & 7 @ £ * 1 (Right)

How many such symbols are there, each of which is immediately preceded by a number and also immediately followed by a number?

A. 2

B. 1

C. 4

D. 3

Q41 General Intelligence & Reasoning

Select the pair which follows the same pattern as that followed by the two set of pairs given below. Both pairs follow the same pattern.

KFD : IIB

UDD : SGB

A. VRB : TUD

B. WBI : UEG

C. RPH : PSK

D. SCM : QFO

Q42 General Intelligence & Reasoning

In a certain code language, 'FEAR' is coded as '2461' and 'THEM' is coded as '1593'. What is the code for 'E' in that language?

A. 3

B. 4

C. 1

D. 9

Q43 General Intelligence & Reasoning

Prashant ranked 11th from the bottom and 23th from the top in his class. How many students are there in his class?

A. 31

B. 30

C. 33

D. 32



Q44 General Intelligence & Reasoning

Seven people, D, E, F, G, H, I and X, are sitting around a circular table facing the centre of the table. E sits to the immediate right of D. Only three people sit between E and G when counted from the left of E. Only three people sit between D and H. F sits to the immediate right of I. How many people sit between X and I when counted from the left of I?

A. Three

B. Two

C. One

D. Four

Q45 General Intelligence & Reasoning

Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

UKM 1 SML 3 QOK 9 OQJ 27 ?

A. MSJ 81

B. MSI 81

C. MTI 79

D. MSI 79

Q46 General Intelligence & Reasoning

In the following number-pairs, the second number is obtained by applying certain mathematical operation(s) to the first number. Select the number-pair in which the numbers are related in the same way as are the numbers of the following pairs.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding to/subtracting from/multiplying with 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

18, 141

42, 165

A. 24, 167

B. 11, 155

C. 36, 159

D. 28, 129

Q47 General Intelligence & Reasoning

MONK is related to RTSP in a certain way based on the English alphabetical order. In the same way, GIHE is related to LNMJ. To which of the following is VXWT related, following the same logic?

A. AVGF

B. ACFR

C. ACBY

D. AYTR

Q48 General Intelligence & Reasoning

R is the brother of C. C is the brother of A. A is the mother of G. G is the son of H. How is R related to H?

A. Wife's father

B. Father

C. Brother

D. Wife's brother

Q49 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which is the letter-cluster pair that DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. SU-LP

B. WY-PY

C. QS-JS

D. UW-NW

Q50 General Intelligence & Reasoning

In a row of 49 students facing north, Ankur is 19th from the right end. If Tinu is 11th to the left of Ankur, what is Tinu's position from the left end of the line?

A. 18

B. 20

C. 17

D. 19



Q51 General Intelligence & Reasoning

Read the given statement(s) and conclusions carefully. Assuming that the information given in the statement(s) is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statement(s).

Statements:

All glasses are bowls.
All bowls are plates.

Conclusions:

- (I) Some plates are bowls.
(II) All glasses are plates.

A. Both conclusions (I) and (II) follow. ✓

B. Neither conclusion (I) nor (II) follows.

C. Only conclusion (I) follows.

D. Only conclusion (II) follows.

Q52 General Intelligence & Reasoning

Each of the digits in the number 7642915 is arranged in ascending order from left to right. The position(s) of how many digits will remain unchanged as compared to that in the original number?

A. Three

B. None

C. Two

D. One ✓

Q53 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. GR - KP

B. CN - GL

C. JU - OS ✓

D. OA - SY

Q54 General Intelligence & Reasoning

GULP is related to IWOS in a certain way based on the English alphabetical order. In the same way, KYRV is related to MAUY. To which of the following is OCXB related, following the same logic?

A. PEBD

B. QEAE ✓

C. PFCG

D. RDZF

Q55 General Intelligence & Reasoning

In a certain code language, 'PORT' is coded as '9125' and 'ROPE' is coded as '1352'. What is the code for 'E' in the given code language?

A. 2

B. 1

C. 5

D. 3 ✓

Q56 General Intelligence & Reasoning

Anuj starts from Point A and drives 5 km towards north. He then takes a left turn, drives 6 km, turns left and drives 9 km. He then takes a left turn and drives 11 km. He takes a final left turn, drives 4 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90° turns only unless specified.)

A. 8 km to west

B. 7 km to west

C. 6 km to west

D. 5 km to west ✓

Q57 General Intelligence & Reasoning

What will come in the place of the question mark (?) in the following equation, if '+' and '÷' are interchanged and '-' and 'x' are interchanged?

$$26 + 2 \times 12 - 2 \div 16 = ?$$

A. 15

B. 21

C. 5 ✓

D. 26

Q58 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series based on the English alphabetical order?

KPX MOU ONR ? SLL

A. PSQ

B. QMO ✓

C. MSP

D. SQP



Q59 General Intelligence & Reasoning

Shikhar ranked 38th from the top and 24th from the bottom in his class. How many students are there in his class?

A. 63

B. 61



C. 60

D. 62

Q60 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter cluster pairs are alike in a certain way and thus form a group. Which pair DOES NOT belong to that group? (NOTE: The odd one out is not based on the number of consonants/vowels or their position in the letter cluster.)

A. FM-CW

B. IP-FZ

C. MT-ID



D. RY-OI

General Awareness

40 Questions • Answer Key

Q61 General Awareness

Which of the following sectors includes banking, communication and transport?

A. Secondary

B. Primary

C. Tertiary



D. Quaternary

Q64 General Awareness

Who among the following bagged India's first gold medal at International Shooting Sport Federation (ISSF) Junior World Cup, Germany in May 2025?

A. Kanak



B. Divanshi

C. Sainyam

D. Parisha Gupta

Q62 General Awareness

What is the primary aim of the National Urban Livelihoods Mission (NULM)?

A. Promoting smart cities in Tier-2 towns

B. Providing subsidised housing to rural workers

C. Reducing urban poverty through skill development and self-employment



D. Encouraging foreign investment in urban infrastructure

Q65 General Awareness

What instrument is used to measure lung volumes during breathing?

A. Respirometer

B. Sphygmomanometer

C. Spirometer



D. Barometer

Q63 General Awareness

What happens when user right-clicks on an empty area of the MS Windows desktop?

A. A context menu with view and display settings is opened.



B. The Task Manager opens.

C. The Start Menu is displayed.

D. The File Explorer is launched.

Q66 General Awareness

During which era was the Hazara Rama Temple, situated in Hampi, India, first established?

A. Early 13thcentury

B. Early 15thcentury



C. Early 11thcentury

D. Early 19thcentury



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Q67 General Awareness

Where was rural development particularly emphasised in the Seventh Five-Year Plan?

- A. Industrial zones
- B. Foreign markets
- C. Rural capital formation areas ✓
- D. Urban centers

Q68 General Awareness

The Planning Commission was the nodal body for central planning in India. Who served as the first Chairman of the Planning Commission?

- A. CD Deshmukh
- B. Jawaharlal Nehru ✓
- C. BR Ambedkar
- D. Sardar Vallabhbhai Patel

Q69 General Awareness

Who became the first artist to win Best Male Act three times at the 2025 MOBO Awards?

- A. Dave
- B. Skepta
- C. Central Cee ✓
- D. Stormzy

Q70 General Awareness

What was one recommendation of the Sarkaria Commission regarding Governors?

- A. Governors should be elected by States.
- B. Governors should be military officers.
- C. Governors should only be politicians.
- D. Governors should be non-partisan. ✓

Q71 General Awareness

Which philosophical work did Rammohan Roy write in 1803 analysing world religions through reason and social relevance?

- A. Precepts of Jesus
- B. Tuhfat-ul Muwahhidin ✓
- C. Hind Swaraj
- D. Satyarth Prakash

Q72 General Awareness

Which group of Indian islands lies in the Arabian Sea near the Malabar Coast and consists of coral islands?

- A. Andaman Islands
- B. Sundarbans
- C. Nicobar Islands
- D. Lakshadweep Islands ✓

Q73 General Awareness

DBW 371 (Karan Vrinda), DBW 303 (Karan Vaishnavi) and DBW 187 (Karan Vandana) are varieties of which crop in India?

- A. Maize
- B. Tea
- C. Rice
- D. Wheat ✓

Q74 General Awareness

Which Article allows the President to appoint a Commission to investigate the condition of socially and educationally backward classes?

- A. Article 332
- B. Article 330
- C. Article 342
- D. Article 340 ✓

Q75 General Awareness

As per the Scheduled Castes (Rationalisation of Reservation) Act, 2025 implemented by Telangana government, what percentage of reservation will Group II get within the 15 percent quota for SC?

- A. 9% ✓
- B. 5%
- C. 3%
- D. 7.5%

Q76 General Awareness

In Brahmadeya villages under the Pallavas, which caste predominantly managed the local Sabha assemblies?

- A. Vaishyas
- B. Brahmanas ✓
- C. Shudras
- D. Kshatriyas



Q77 General Awareness

Who became the first Indian driver to win a Formula 2 race in May 2025?

- A. Narain Karthikeyan
- B. Jehan Daruvala
- C. Arjun Maini
- D. Kush Maini

**Q78 General Awareness**

Which of the following animals is listed as endangered and protected under the Indian Wildlife Protection Act, 1972?

- A. Nilgai
- B. Peacock
- C. Lion-tailed macaque
- D. Hanuman langur

**Q79 General Awareness**

Which of the following countries shares the longest land border with India?

- A. Pakistan
- B. China
- C. Nepal
- D. Bangladesh

**Q80 General Awareness**

As per the PIB report published on 17 April 2025, India's defence production has reached a new milestone by increasing from ₹40,000 crore in 2014 to over how much in the financial year 2023-24?

- A. ₹1.33 lakh crore
- B. ₹1.27 lakh crore
- C. ₹1.19 lakh crore
- D. ₹1.11 lakh crore

**Q81 General Awareness**

Provision for securing just and humane conditions of work and maternity relief comes under which Article of the Indian Constitution?

- A. Article 39A
- B. Article 47
- C. Article 42
- D. Article 45

**Q82 General Awareness**

In May 2025, which Indian organisation successfully completed the 'Har Shikhar Tiranga' mission by summiting Mt. Kangchenjunga?

- A. Border Roads Organisation
- B. Himalayan Club
- C. National Institute of Mountaineering and Adventure Sports
- D. Indian Mountaineering Foundation

**Q83 General Awareness**

Which of the following organisations in India developed the world's highest-resolution weather forecasting model in May 2025?

- A. India Meteorological Department (IMD)
- B. Indian Institute of Tropical Meteorology (IITM)
- C. Indian Space Research Organisation (ISRO)
- D. National Centre for Medium Range Weather Forecasting (NCMRWF)

**Q84 General Awareness**

Who acts as the real executive head in a state?

- A. Governor
- B. Speaker
- C. Chief Minister
- D. Advocate General

**Q85 General Awareness**

Which organisation introduced new guidelines in 2025 to regulate the sale of radio equipment, including walkie-talkies, on e-commerce platforms?

- A. Central Consumer Protection Authority (CCPA)
- B. Ministry of Electronics and Information Technology (MeitY)
- C. Department of Telecommunications (DoT)
- D. Telecom Regulatory Authority of India (TRAI)

**Q86 General Awareness**

What is the correct way to rename a file or folder using the right mouse button?

- A. Right-click on the desktop → Select New → Rename
- B. Double-click on the file → Type new name
- C. Right-click on the file → Select Rename → Type new name → Press Enter
- D. Left-click on the file → Press Delete → Type new name



Q87 General Awareness

Which two countries signed an agreement on 22 May 2025, regarding the future of the Chagos Archipelago?

- A. United Kingdom and Seychelles
- B. United Kingdom and India
- C. United States and Republic of Mauritius
- D. United Kingdom and Republic of Mauritius ✓

Q88 General Awareness

Which is the first country to develop genome-based rice variety?

- A. India ✓
- B. France
- C. China
- D. The US

Q89 General Awareness

The Central Government approved the allocation of additional how many million tonnes of rice from the Food Corporation of India (FCI) for ethanol production in May 2025?

- A. 2.4 million tonnes
- B. 3.2 million tonnes
- C. 2.1 million tonnes
- D. 2.8 million tonnes ✓

Q90 General Awareness

Who was the founder of the Mauryan Empire and established a centralised administrative system?

- A. Bindusara
- B. Ashoka
- C. Brihadratha
- D. Chandragupta Maurya ✓

Q91 General Awareness

Which of the following acts was aimed at establishing a federal polity in India?

- A. Government of India Act, 1935 ✓
- B. Rowlatt Act, 1919
- C. Government of India Act, 1858
- D. Indian Councils Act, 1892

Q92 General Awareness

Which of the following schemes focuses on providing rural connectivity through all-weather roads?

- A. Pradhan Mantri Awas Yojana–Gramin
- B. Saansad Adarsh Gram Yojana
- C. RURBAN Mission
- D. Pradhan Mantri Gram Sadak Yojana ✓

Q93 General Awareness

Which strategy DOES NOT promote sustainable development in agriculture?

- A. Excessive use of chemical fertilizers ✓
- B. Crop rotation and organic farming
- C. Use of drought-resistant crops
- D. Efficient irrigation systems

Q94 General Awareness

Which of the following classical dance forms is known for storytelling through facial expressions and hand gestures, and comes from Tamil Nadu?

- A. Kathak
- B. Odissi
- C. Bharatanatyam ✓
- D. Kuchipudi

Q95 General Awareness

What is the term used for the persistence of sound in a large hall due to repeated reflections from walls and other surfaces?

- A. Refraction
- B. Diffraction
- C. Interference
- D. Reverberation ✓

Q96 General Awareness

Bal Gangadhar Tilak gave which popular slogan to arouse nationalist sentiments among the Indians?

- A. Quit India
- B. Swaraj is my birthright ✓
- C. Vande Mataram
- D. Inquilab Zindabad



Q97 General Awareness

The Rajya Sabha seat distribution among states is found in which Schedule of the Indian Constitution?

- A. Tenth Schedule
- B. Fourth Schedule
- C. First Schedule
- D. Second Schedule



Q98 General Awareness

What is the primary purpose of the Raksha Kavach system showcased by the Defence Research and Development Organisation (DRDO) on Republic Day, 2025?

- A. Cyber warfare
- B. Multi-layered defence protection
- C. Ground-based artillery support
- D. Naval operations



Q99 General Awareness

What is the codename of the Low-Level Transportable Radar (LLTR) to be procured by the Ministry of Defence (MoD) with Bharat Electronics Limited (BEL) at a cost of ₹2,906 crore in March 2025?

- A. Indra
- B. Vayu
- C. Ashwini
- D. Surya



Q100 General Awareness

Which of the following foods is a rich source of dietary fibre for human beings?

- A. Oats
- B. Chicken
- C. Cheese
- D. Fish



Mathematics

30 Questions • Answer Key

Q1 Mathematics

In an election between two candidates 92 % of the registered voters cast their vote and 20 % of the votes polled were found invalid. Winning candidate got 75 % of the valid votes and won the election by a margin of 322 votes. How many voters were registered?

A. 3123

B. 875

C. 877

D. 873

Q2 Mathematics

P, Q and R started a business investing amounts of ₹2,030, ₹1,700, and ₹1,010, respectively. If Q's share in the profit earned by them is ₹975. what is the difference in the profit (in ₹) earned by P and R?

A. ₹586

B. ₹583

C. ₹584

D. ₹585

Q3 Mathematics

I bought two frocks for ₹1,200. I sold the first one at a loss of 7% and the second at a gain of 23%. If, on the whole I made neither a loss nor a gain, find the cost price (in ₹) of the first frock.

A. 940

B. 944

C. 920

D. 904

Q4 Mathematics

The number of prime numbers lying between 389 and 403, both included, is:

A. 1

B. 3

C. 8

D. 6

Q5 Mathematics

Find the simple interest (in ₹) on ₹4,000 at 6.75% per annum rate of interest deposited on 21 February 2024 and withdrawn on 22 April 2024.

A. ₹46

B. ₹45

C. ₹43

D. ₹44

Q6 Mathematics

A man driving a car at a speed of 79 km/hr crosses a bridge in 3.6 minutes. Find the length of the bridge.

A. 4.74 km

B. 4.88 km

C. 4.01 km

D. 4.21 km

Q7 Mathematics

₹28,000 were divided among A, B and C, such that 2 times the share of A = 9 times the share of B = 6 times the share of C. Find the share of A.

A. ₹18,195

B. ₹18,000

C. ₹17,845

D. ₹18,140

Q8 Mathematics

The H.C.F. and the L.C.M. of two numbers are 5 and 495, respectively. If one of the numbers is 55, find the other one.

A. 9

B. 8

C. 45

D. 64



Q9 Mathematics

In $\triangle ABC$, $BD \perp AC$ at D and $\angle DBC = 40^\circ$. E is a point on BC such that $\angle CAE = 37^\circ$. What is the measure of $\angle AEB$?

- A. 83°
- B. 99°
- C. 78°
- D. 87°

**Q10 Mathematics**

If the third proportional of 32 and 24 is x, then what is the value of x?

- A. 18
- B. 20
- C. 16
- D. 17

**Q11 Mathematics**

The total surface area of a cube having side 40 cm is:

- A. 9564 cm²
- B. 9600 cm²
- C. 9632 cm²
- D. 9628 cm²

**Q12 Mathematics**

Sapna invested ₹21,900 on simple interest, partly at 14% per annum and partly at 10% per annum. If she earns equal interests from the two investments after 2 years, then find the sum invested at 14% per annum (in ₹).

- A. 9,128
- B. 9,123
- C. 9,124
- D. 9,125

**Q13 Mathematics**

The average price of three items of furniture is ₹5,310. If their prices are in the ratio 3 : 5 : 7, the price of the cheapest item (in ₹) is:

- A. 3,186
- B. 5,310
- C. 7,434
- D. 1,062

**Q14 Mathematics**

If 2 times the age of Ram is 25 years more than 9 times the age of Ramya, and 5 times the age of Ramya is 4 years less than the age of Ram, then what is the difference (in years) between the ages of Ram and Ramya?

- A. 74
- B. 75
- C. 72
- D. 77

**Q15 Mathematics**

Find the value of $57^{-8} \div 57^{17} \times 57^{-18}$.

- A. 57-46
- B. 57-36
- C. 57-43
- D. 57-45

**Q16 Mathematics**

Given that $7^{0.07} = x$, $7^{0.07} = y$ and $x^z = y^3$, then the value of z is close to:

- A. 5.42
- B. 1.23
- C. 3
- D. 3.41

**Q17 Mathematics**

An item marked for ₹38,800 is available on a discount of 25% or two successive discounts of 10% and 15%. What is the difference between the selling prices in the discount schemes?

- A. ₹825
- B. ₹800
- C. ₹582
- D. ₹628

**Q18 Mathematics**

Which of the following numbers divides 747579723?

- A. 13
- B. 9
- C. 8
- D. 11



Q19 Mathematics

The cost of 7 pens and 8 pencils is ₹230. If the cost of a pen decreases by ₹1 and the cost of a pencil increases by ₹7, then the cost of 14 pens and 4 pencils is ₹150. What is the original cost of 8 pens and 8 pencils?

A. ₹232



B. ₹229

C. ₹230

D. ₹228

Q20 Mathematics

The radius of a sphere is 16 cm. Find its surface area.

A. $1024\pi \text{ cm}^2$



B. $341\pi \text{ cm}^2$

C. $512\pi \text{ cm}^2$

D. $768\pi \text{ cm}^2$

Q21 Mathematics

The HCF of two numbers is 16 and their LCM is 240. If one number is 48, find the other number.

A. 80



B. 70

C. 64

D. 72

Q22 Mathematics

The average of first 167 even numbers is

A. 169

B. 168



C. 168.5

D. 167.5

Q23 Mathematics

A train overtakes two persons walking along a railway track. The first one walks at 9 km/hr. The other one walks at 12.6 km/hr. The train needs 13.5 and 15 seconds, respectively, to overtake them. What is the speed of the train if both the persons are walking in the same direction as the train?

A. 44 km/hr

B. 35 km/hr

C. 38 km/hr

D. 45 km/hr

**Q24 Mathematics**

A wholesaler gives a scheme discount of 10% on a marked price of ₹400. What is the selling price?

A. ₹380

B. ₹350

C. ₹370

D. ₹360

**Q25 Mathematics**

Simplify: $3\left(\left(\frac{5}{3}\right)x^2 - 28x + 15\right) - 5(x^2 + 6x - 15)$

A. $-114x + 120$



B. $114x - 120$

C. $114x + 120$

D. $-114x - 120$

Q26 Mathematics

By how much is 65% of 65 greater than $\frac{3}{5}$ of 55?

A. 6.25

B. 3.25

C. 7.25

D. 9.25



Q27 Mathematics

The selling price of 40 books is equal to the cost price of 28 books. Find the loss or gain percentage.

A. $\frac{100}{12}\%$ loss

B. $\frac{100}{12}\%$ gain

C. 30% loss



D. 30% gain

Q28 Mathematics

Hema can do a certain piece of work in 30 days. Hema and Raji can together do the same work in 22 days, and Hema, Raji and Smitha can do the same work together in 15 days. In how many days can Hema and Smitha do the same work together?

A. $\frac{45}{4}$

B. $\frac{62}{3}$

C. $\frac{51}{5}$

D. $\frac{55}{3}$

**Q29 Mathematics**

Find the value of $\frac{\cos^6 \theta + \sin^6 \theta + 3 \sin^2 \theta \cos^2 \theta}{\operatorname{cosec} \theta \sec \theta ((\sin \theta + \cos \theta)^2 - 1)}$.

A. $-\frac{1}{2}$

B. $\frac{1}{2}$



C. $\frac{1}{4}$

D. $\frac{1}{3}$



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Q30 Mathematics

A can lay railway track between two given stations in 22 days and B can do the same job in 10 days. With the help of C, they did the job in 2 days only. Then, C alone can do the job in

A. $8\frac{32}{39}$ days

B. $11\frac{32}{39}$ days

C. $12\frac{32}{39}$ days

D. $2\frac{32}{39}$ days

**General Intelligence & Reasoning**

30 Questions • Answer Key

Q31 General Intelligence & Reasoning

L, M, N, O, Q, R, and S are sitting around a circular table facing the centre of the table. L sits fourth to the right of R. Only two people sit between Q and N when counted from the left of Q. M sits third to the left of O. S is an immediate neighbor of O and N.

How many people sit between L and S when counted from the left of S?

A. Four



B. One

C. Two

D. Three

Q32 General Intelligence & Reasoning

Seven boxes A, B, C, D, E, F, and G are kept one over the other but not necessarily in the same order. F is kept immediately above G. A is kept immediately above C. Only E is kept above B. Only two boxes are kept above F. A is not kept at third position from the bottom. How many boxes are kept above C?

A. Three

B. Five

C. Four

D. Six

**Q33 General Intelligence & Reasoning**

Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) \$ \ % \% \ # > ? > ^ \ # 6 5 > > 4 9 \ 6 ^ \ / (Right)

How many such numbers are there that are immediately preceded by a symbol and also immediately followed by a symbol?

A. Three

B. One



C. Two

D. Four

Q34 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. KDL

B. NGO

C. PIR



D. IBJ



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Q35 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. CP - XS



B. TM - OO

C. NH - IJ

D. IY - DA

Q36 General Intelligence & Reasoning

Xheik starts from Point A and drives 18 km towards East. He then takes a left turn, drives 4 km, turns left and drives 21 km. He then takes a left turn and drives 9 km. He takes a final left turn, drives 3 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90° turns only unless specified.)

A. 6 km to the East

B. 5 km to the North



C. 6 km to the North

D. 5 km to the South

Q37 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series?

160 151 140 127 112 ?

A. 91

B. 95



C. 84

D. 93

Q38 General Intelligence & Reasoning

In a certain code language, 'this is lethal' is coded as 'po ko re' and 'she is happy' is coded as 're lo ao'. How is 'is' coded in the given language?

A. ao

B. ko

C. re



D. po

Q39 General Intelligence & Reasoning

In the following triads, each group of letters is related to the subsequent one following a certain logic. Select from the given options, the one which follows the same logic.

MICE - EMCI - MEIC

DEAR - RDAE - DREA

A. NUTS - UNTS - SUTN

B. AGES - SAGE - GESA

C. AXLE - EALX - AXEL

D. GUST - TGSU - GTUS

**Q40 General Intelligence & Reasoning**

If 1 is added to each even digit of the number 36719542, then what will be the product of the digits that are repeated more than once in the new number formed?

A. 35

B. 21

C. 105



D. 15

Q41 General Intelligence & Reasoning

Refer to the following number and symbol series and answer the question that follows. All numbers are single-digit. Counting to be done from left to right only.

(Left) 7 1 * £ 5 9 # @ 8 \$ & + 3 2 4 6 % Ω (Right)

How many such numbers are there each of which is immediately preceded by a symbol and also immediately followed by another number?

A. 4

B. 3

C. 1

D. 2

**Q42 General Intelligence & Reasoning**

Mr. Toni ranked 69th from the top and 13th from the bottom in his class. How many students are there in his class?

A. 82

B. 81



C. 83

D. 80



Q43 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. FZVR



B. EYTQ

C. AUPM

D. BVQN

Q44 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series?

3, -2, -12, -32, -72, ?

A. -135

B. -125

C. -152



D. -124

Q45 General Intelligence & Reasoning

Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

GBD 14, KFH 17, OJL 20, SNP 23, ?

A. WTS 26

B. WRT 26



C. VRT 26

D. VTR 25

Q46 General Intelligence & Reasoning

In the following triad, each group of letters is related to the subsequent one following a certain logic. Select from the given options, the one which follows the same logic.

TRIM - ITRM - MIRT

MIST - SMIT - TSIM

A. WEST - EWST - TESW

B. FOLD - FLOD - DLOF

C. PLAY - APLY - LAYP

D. CLUE - UCLE - EULC

**Q47 General Intelligence & Reasoning**

What should come in place of the question mark (?) in the given series?

512 513 505 532 468 ?

A. 583

B. 593



C. 587

D. 597

Q48 General Intelligence & Reasoning

What will come in place of the question mark (?) in the following equation if 'x' and '+' are interchanged and '-' and '÷' are interchanged?

$32 \div 2 \times 72 - 9 + 5 = ?$

A. 73

B. 70



C. 71

D. 72

Q49 General Intelligence & Reasoning

In a certain code language,
A + B means 'A is the husband of B',
A - B means 'A is the brother of B',
A x B means 'A is the sister of B' and
A ÷ B means 'A is the daughter of B'.

How is C related to J if 'C - E ÷ G + I x J'?

A. Mother's brother

B. Sister's son



C. Father's brother

D. Son

Q50 General Intelligence & Reasoning

In a certain code language, 'GIFT' is coded as '7529' and 'FITS' is coded as '2596'. What is the code for 'S' in the given code language?

A. 6



B. 2

C. 5

D. 9



Q51 General Intelligence & Reasoning

Seven boxes V, W, X, Y, Z, Q and R are kept one over the other but not necessarily in the same order. Y is kept immediately above Q. W is kept immediately above Z. Only X is kept above V. Only two boxes are kept above Y. W is not kept at third position from the bottom. How many boxes are kept between R and X?

- A. Two
- B. Four
- C. One
- D. Three

**Q52 General Intelligence & Reasoning**

A, B, C, D, E, F and G are sitting around a circular table facing the centre.

C sits to the immediate right of D. Only three people sit between C and G when counted from the left of C. Only three people sit between D and B. A sits to the immediate right of F. How many people sit between C and A when counted from the right of C?

- A. 3
- B. 4
- C. 2
- D. 1

**Q53 General Intelligence & Reasoning**

Select the pair which follows the same pattern as that followed by the two pairs given below. Both pairs follow the same pattern.

VTM : ZQQ
DNU : HKY

- A. YFH : CAL
- B. MHE : PCH
- C. LHC : PEG
- D. KZQ : PWL

**Q54 General Intelligence & Reasoning**

If 1 is subtracted from each even digit of the number 97145286, find the sum of the digits that are repeated more than once in the new number thus formed.

- A. 6
- B. 8
- C. 12
- D. 13

**Q55 General Intelligence & Reasoning**

Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

KFU-15 IIQ-22 GLM-31 EOI-42 ?

- A. RDG-55
- B. GTR-54
- C. CRE-55
- D. RES-54

**Q56 General Intelligence & Reasoning**

Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(Note: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g., 13 – Operations on 13 such as adding/subtracting/multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(52, 100, 196)
(65, 126, 248)

- A. (56, 108, 202)
- B. (72, 140, 256)
- C. (68, 132, 260)
- D. (94, 184, 264)

**Q57 General Intelligence & Reasoning**

Tina starts from Point Y and drives 4 km towards north. Then, she takes a left turn and drives 2 km, she turns left again and drives 6 km. She then takes a left turn and drives 4 km. Then, she turns right and drives 4 km. She then takes a final right turn and drives 2 km and stops at Point Z. How far (shortest distance) and towards which direction should she drive in order to reach Point Y again? (All turns are 90-degree turns only, unless specified.)

- A. 4 km towards east
- B. 2 km towards west
- C. 2 km towards south
- D. 6 km towards north



Q58 General Intelligence & Reasoning

Read the given statement(s) and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statement(s).

Statements:

All Hummingbirds are Storks.
Some Storks are Flamingos.

Conclusions:

- I. Some Hummingbirds are Flamingos.
II. No Flamingos are Hummingbirds.

- A. Only conclusion (I) follows.
B. Only conclusion (II) follows.
C. Neither conclusion (I) nor (II) follows. ✓
D. Both conclusions (I) and (II) follow.

Q60 General Intelligence & Reasoning

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

All fathers are brothers.
All brothers are sons.

Conclusions:

- (I) All fathers are sons.
(II) All brothers are fathers.

- A. Only conclusion I follows. ✓
B. Neither conclusion I nor II follows.
C. Both conclusions I and II follow.
D. Only conclusion II follows.

Q59 General Intelligence & Reasoning

What will come in the place of the question mark (?) in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged?

$$65 \times 5 - 19 \div 3 + 25 = ?$$

- A. 46
B. 45 ✓
C. 40
D. 44

General Awareness

40 Questions • Answer Key

Q61 General Awareness

In a LAN setup, which of the following statements is true?

- A. LAN is used to connect computers over a large geographical area.
B. LAN requires satellite communication.
C. LAN cannot share printers or files between devices.
D. LAN connects computers within a limited area like a home or office. ✓

Q62 General Awareness

Which of the following best defines globalisation in the context of post 1991 economic reforms in India?

- A. Restriction on foreign investment
B. Closing down of multinational companies
C. Integration of Indian economy with the global economy ✓
D. Promotion of domestic trade only

Q63 General Awareness

The Partition of Bengal (1905) was justified by the British on the grounds of ____.

- A. economic prosperity
B. religious harmony
C. administrative convenience ✓
D. spread of education

Q64 General Awareness

Which Indian artist received the Asia Arts Pathbreaker Award at the 2025 Asia Arts Game Changer Awards, for her innovative contributions to contemporary art?

- A. Jayeeta Chatterjee
B. Bharti Kher
C. Shilpa Gupta ✓
D. Anupam Sud



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Q65 General Awareness

Which amendment abolished the privy purse and privileges of the former rulers of princely states?

A. Twenty-fifth Amendment Act, 1971

B. Twenty-sixth Amendment Act, 1971



C. Twenty-fourth Amendment Act, 1971

D. Thirty-first Amendment Act, 1972

Q66 General Awareness

In which case did the SC hold that judicial review is a basic feature of the Constitution?

A. Golaknath case

B. Kesavananda Bharati case



C. Shah Bano Case

D. Shankari Prasad case

Q67 General Awareness

How many deeps are found in the Indian Ocean?

A. Six



B. Eight

C. Nine

D. Seven

Q68 General Awareness

Which of the following digital initiatives aims to make the legislative proceedings of State and Union Territory Legislatures in India completely paperless?

A. National e-Vidhan Application (NeVA)



B. e-Governance for Legislators (eGL)

C. e-Sansad

D. Digital India Mission

Q69 General Awareness

Which of the following is a tribal revolt led by the leader Birsa from Ranchi, which began as a religious movement and later turned to fight against the colonial land settlements, moneylenders and forest contractors?

A. Wahabi movement

B. Munda uprising



C. Sannyasi revolt

D. Kuka rebellion

Q70 General Awareness

Andaman and Nicobar Islands are separated by the _____.

A. 16° N parallel

B. 12° N parallel

C. 10° N parallel



D. 14° N parallel

Q71 General Awareness

Which of the following was an uprising led by traditional landed militia (foot soldiers) in Odisha?

A. Ahom revolt

B. Faraizi revolt

C. Paika rebellion



D. Wahabi movement

Q72 General Awareness

What is the low-pressure belt near the equator commonly known as?

A. Doldrums



B. Polar Front

C. Trade Wind Belt

D. Horse Latitudes

Q73 General Awareness

Which ISRO mission, successfully completed in January 2025, demonstrated autonomous docking between two satellites?

A. Chandrayaan-3

B. Aditya-L1

C. SPADEX



D. Gaganyaan

Q74 General Awareness

What is a distinctive feature of Warli paintings?

A. Geometric patterns and white pigment



B. Use of gold leaf

C. Depiction of royal courts

D. Use of bright colours



Q75 General Awareness

In news in 2025, which state announced plans to create India's first Quantum Computing Village?

- A. Punjab
- B. Andhra Pradesh ✓
- C. Himachal Pradesh
- D. Karnataka

Q76 General Awareness

Recipient of Padma Bhushan in 2025, Shri Pankaj R Patel was the Chairman of which of the following pharmaceutical companies of India in April 2025?

- A. Cipla
- B. Zydus Lifesciences Limited ✓
- C. Sun Pharmaceutical Industries
- D. Dr. Reddy's Laboratories

Q77 General Awareness

What is the primary objective of the AI-based BharatGen model launched by the Science and Technology Minister in June 2025?

- A. To develop quantum computing using indigenous algorithms only
- B. To advance AI across Indian languages and cultural frameworks ✓
- C. To replace foreign AI tools used by Indian government agencies
- D. To provide cloud services for AI startups across India and Asia

Q78 General Awareness

Which of the following is a non-statutory and non-constitutional body?

- A. Attorney General of India
- B. Central Information Commission
- C. National Human Rights Commission
- D. NITI Aayog ✓

Q79 General Awareness

Which of the following is a distinct feature of a statutory corporation in India?

- A. It is created by a special Act, has independent legal status and can sue/be sued. ✓
- B. It has no legal existence separate from the government.
- C. It is fully owned by private shareholders and receives no government funding.
- D. Its employees are considered government civil servants under the usual rules.

Q80 General Awareness

Which summit held in Kochi in February 2025 aimed to attract investments across various sectors in Kerala?

- A. Kochi Investment Summit
- B. Kerala Economic Forum
- C. Invest Kerala Global Summit ✓
- D. Kerala Development Conclave

Q81 General Awareness

After the fall of Mauryas, which dynasty was established by Pushyamitra Shunga, a commander-in-chief who killed the last Mauryan?

- A. Shunga Dynasty ✓
- B. Kanva Dynasty
- C. Gupta Dynasty
- D. Satavahana Dynasty

Q82 General Awareness

70-75% people during the colonial period were engaged in _____.

- A. agriculture activities ✓
- B. the transport sector
- C. mining activities
- D. small scale industries

Q83 General Awareness

The 'Connect India 2025' event organised by an Indian association in the USA called IAM, aimed to bring together partner organisations from which region?

- A. California
- B. Texas
- C. Minnesota ✓
- D. New York



Q84 General Awareness

Which of the following states are covered under the Fifth Schedule of the Indian Constitution?

- A. Assam and Tripura
- B. Jharkhand and Chhattisgarh ✓
- C. Mizoram and Manipur
- D. Nagaland and Meghalaya

Q85 General Awareness

Which of the following is the correct way to create a new folder on the desktop in Windows?

- A. Open Task Manager → Click on New Folder
- B. Press Ctrl + S on desktop
- C. Drag an icon from Start Menu to desktop
- D. Right-click on desktop → New → Folder ✓

Q86 General Awareness

What is the primary function of infrastructure in an economy?

- A. Luxury consumption
- B. Political campaigns
- C. Entertainment and tourism
- D. Industrial and economic functioning ✓

Q87 General Awareness

As a tribute to 1857 hero Babu Kunwar Singh, the IAF Surya Kiran air show in April 2025 dazzled the skies of _____.

- A. Meerut
- B. Patna ✓
- C. Lucknow
- D. Bhagalpur

Q88 General Awareness

What is a key feature of the Waqf (Amendment) Act, 2025?

- A. Inclusion of Muslim women and all sects in boards ✓
- B. Nationalisation of all registered Waqf properties
- C. Implementation of uniform civil code guidelines
- D. Abolition of all existing Waqf Boards

Q89 General Awareness

The famous Virupaksha temple of Pattadakal was built in the 8th century by the:

- A. Pallavas
- B. Vakatakas
- C. Chalukyas ✓
- D. Vardhanas

Q90 General Awareness

In the 2025 World Aquatics World Cup, which team did the Greece women's team defeat to win the gold medal for the first time?

- A. Italy
- B. Russia
- C. Hungary ✓
- D. Spain

Q91 General Awareness

In Lassaigne's test, which element is revealed by the formation of a precipitate of Prussian blue on heating part of the solution with iron (II) sulphate solution?

- A. Oxygen
- B. Nitrogen ✓
- C. Carbon
- D. Hydrogen

Q92 General Awareness

Where was India's first Vande Bharat Sleeper train unveiled in September 2024?

- A. BEML Complex, Bengaluru ✓
- B. Metro Rail Depot, Mumbai
- C. Rail Coach Factory, Kapurthala
- D. ICF, Chennai

Q93 General Awareness

Which river valley project was developed with assistance from 'Tennessee Valley Authority (TVA)'?

- A. Nagarjuna Sagar Project
- B. Damodar Valley Project ✓
- C. Tehri Project
- D. Bhakra Nangal Project



Q94 General Awareness

Which of the following Indian brands has secured the second position in the Future Brand Index, 2024?

- A. Larsen and Toubro
- B. Hindustan Unilever Limited
- C. Tata Consultancy Services
- D. Reliance Industries Limited ✓

Q95 General Awareness

Which of the following diseases is caused by a virus?

- A. Tuberculosis
- B. Measles ✓
- C. Malaria
- D. Cholera

Q96 General Awareness

What is a key feature of classical Indian drama?

- A. Only dance
- B. Inclusion of Rasas ✓
- C. Only comedy scenes
- D. No use of makeup

Q97 General Awareness

India's renewable energy sector saw a record-breaking addition of 24.5 GW and 3.4 GW through which of the following in 2024, as per the Ministry of New and Renewable Energy data?

- A. Wind and Nuclear
- B. Hydro and Geothermal
- C. Solar and Wind ✓
- D. Biomass and Tidal

Q98 General Awareness

Which of the following is an example of a synthetic polymer used in industry?

- A. Starch
- B. Nylon-6,6 ✓
- C. Cellulose
- D. Rubber

Q99 General Awareness

Which convention, ratified in 1998, attempts to safeguard the environment and human health by encouraging shared accountability and collaboration in the global trade of pesticides and hazardous chemicals?

- A. Stockholm Convention
- B. Paris Agreement
- C. Rotterdam Convention ✓
- D. Basel Convention

Q100 General Awareness

What percentage of India's population lived mostly in villages during the British colonial rule?

- A. About 75%
- B. About 95%
- C. About 85% ✓
- D. About 65%



Mathematics

30 Questions • Answer Key

Q1 Mathematics

Rishi travels 585 km at 65 km/hr, the next 368 km at 92 km/hr and the next 168 km at 56 km/hr. What is his average speed (in km/hr) for the whole journey? (Round off your answer to two decimal places)

- A. 70.72
- B. 72.97
- C. 71.81
- D. 70.06



Q2 Mathematics

Find the mean proportional of 400 and 4.

- A. 37
- B. 41
- C. 40
- D. 39



Q3 Mathematics

The population of a district is 350000, out of which 175000 are males. 36% of the population is literate. If 22% males are literate, then what percentage of females are literate?

- A. 53%
- B. 48%
- C. 47%
- D. 50%



Q4 Mathematics

The number of prime numbers lying between 430 and 443, both included, is:

- A. 4
- B. 3
- C. 5
- D. 2



Q5 Mathematics

M and N start a business. M invests ₹64,000 more than N for 2 months and N invests for 3 months. M's share is ₹552 more than that of N, out of a total profit of ₹1,656. Find the capital contributed by M.

- A. ₹95,828
- B. ₹96,000
- C. ₹95,898
- D. ₹95,804



Q6 Mathematics

A bus travelling at 84 km/hr completes a journey in 20 hours. What should its speed be to cover the same distance in 10 hours?

- A. 168 km/hr
- B. 165 km/hr
- C. 171 km/hr
- D. 167 km/hr



Q7 Mathematics

A retailer offers a discount scheme 'Buy 3 get 1 free'. Every item costs ₹3,000. He gave a discount of 20% on the total bill to his relative. If his relative takes home 4 items, then how much he would have paid?

- A. ₹6,200
- B. ₹7,000
- C. ₹7,200
- D. ₹5,400



Q8 Mathematics

The marks scored by 10 students are given below.
18, 10, 15, 18, 18, 13, 20, 18, 17, 19
The mode of the given data is:

- A. 18
- B. 13
- C. 15
- D. 10



Q9 Mathematics

A cuboid has dimensions 10 cm, 8 cm and 6 cm. If the largest possible cube is cut from one of the corners of the cuboid, what is the total surface area of the remaining portion?

A. 488 cm²

B. 376 cm² ✓

C. 160 cm²

D. 312 cm²

Q10 Mathematics

Two times the present age of P exceeds the present age of Q by 41 years. After 7 years, nine times Q's age will be 24 years less than six times P's age at that time. What is the present age (in years) of Q?

A. 22

B. 13 ✓

C. 20

D. 19

Q11 Mathematics

The number 889897 is divisible by which of the following?

A. 69

B. 52

C. 59 ✓

D. 64

Q12 Mathematics

X, Y and Z invested a sum in the ratio of 19 : 88 : 18, respectively. If they earned a total profit of ₹2,200 at the end of the year, what is the difference between the shares of Y and Z?

A. ₹1,232 ✓

B. ₹1,302

C. ₹1,391

D. ₹1,181

Q13 Mathematics

The sum of the squares of two consecutive even natural numbers is 164. The sum of the numbers is:

A. 8

B. 32

C. 16

D. 18 ✓

Q14 Mathematics

Find the simple interest on ₹4,000 at 7.5% per annum rate of interest deposited on 9 February 2024 and withdrawn on 10 April 2024.

A. ₹49

B. ₹48

C. ₹51

D. ₹50 ✓

Q15 Mathematics

The LCM of the numbers 14.2 and 0.05 is:

A. 1.42

B. 14.2 ✓

C. 142

D. 0.142

Q16 Mathematics

Sapna invested ₹20,300 on simple interest, partly at 11% per annum and partly at 3% per annum. If she earns equal interests from the two investments after 5 years, then find the sum invested at 11% per annum (in ₹).

A. 4,350 ✓

B. 4,352

C. 4,347

D. 4,351

Q17 Mathematics

The average weight of Tushar, Salil and Mukund is 45 kg. If the average weight of Tushar and Salil is 44 kg and that of Salil and Mukund is 47 kg, then the weight of Salil (in kg) is:

A. 57

B. 67

C. 62

D. 47 ✓

Q18 Mathematics

Evaluate: $(-9) - (-60) \div (-10) + (-3) \times 7$

A. -39

B. -38

C. -35

D. -36 ✓



Q19 Mathematics

Simplify $x(4x - 4) + 5(x^2 - 5) + 12$.

A. $9x^2 - 4x - 13$ ✓

B. $-9x^2 - 4x - 13$

C. $9x^2 - 4x + 13$

D. $-9x^2 - 4x + 13$

Q20 Mathematics

A shopkeeper lists the price of a fan at 44% above its cost price and offers a 25% discount on its list price. If he earns a profit of ₹126, then what is the list price (in ₹) of the fan?

A. 2,098

B. 2,268 ✓

C. 1,968

D. 2,192

Q21 Mathematics

The sides of a triangle are 14 cm, 48 cm, and 50 cm. What is its area? (in cm^2)

A. 324

B. 321

C. 314

D. 336 ✓

Q22 Mathematics

Which of the following numbers divides 44,43,48,269?

A. 12

B. 9

C. 10

D. 19 ✓

Q23 Mathematics

Under an offer at a shop selling trousers, customers were getting 4 trousers free on the purchase of 6 trousers. Find the discount available to the customer.

A. 20%

B. 40% ✓

C. 50%

D. 30%

Q24 Mathematics

A can do a work in 16 days and B can do the same work in 18 days. If they work on it together for 4 days, then what fraction of the work is left?

A. $\frac{25}{36}$

B. $\frac{29}{36}$

C. $\frac{19}{36}$ ✓

D. $\frac{17}{36}$



Q25 Mathematics

Simplify: $\frac{(\tan A - \cot B)}{(\tan B - \cot A)}$

- A. $\tan B \cot A$
- B. $\sin B \cos A$
- C. $\sin A \cos B$
- D. $\tan A \cot B$



Q26 Mathematics

ABCD is a trapezium in which $BC \parallel AD$ and $AC = CD$. If $\angle ABC = 36^\circ$ and $\angle BAC = 94^\circ$, then what is the measure of $\angle ACD$ (in degree)?

- A. 80°
- B. 163°
- C. 159°
- D. 186°



Q27 Mathematics

The value of $\sqrt{196} + \sqrt{0.0225} - \sqrt{5.76}$ is _____.

- A. 12.78
- B. 11.1
- C. 11.75
- D. 14.68



Q28 Mathematics

Hema can do a certain piece of work in 30 days. Hema and Raji can together do the same work in 25 days, and Hema, Raji and Smitha can do the same work together in 10 days. In how many days can Hema and Smitha do the same work together?

- A. $\frac{84}{7}$
- B. $\frac{75}{7}$
- C. $\frac{68}{9}$
- D. $\frac{71}{8}$



Q29 Mathematics

Pallavi bought a toy for ₹255, decorated it at a cost of ₹5 and sold the toy for ₹154. Find the loss or profit percentage.

A. $\frac{530}{13}\%$ loss



B. 530% loss

C. $\frac{540}{13}\%$ profit

D. $\frac{530}{13}\%$ profit

Q30 Mathematics

By how much is 65% of 65 greater than $\frac{1}{5}$ of 25?

A. 31.25

B. 35.25

C. 34.25

D. 37.25

**General Intelligence & Reasoning**

30 Questions • Answer Key

Q31 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series?

515 518 523 530 539 ?

A. 548

B. 551

C. 549

D. 550

**Q32 General Intelligence & Reasoning**

If + means $\times$, $\times$ means $\div$ and $\div$ means +, then what will come in place of the question mark (?) in the following equation?

$6 - 3 + 77 \times 7 \div 11 = ?$

A. 18



B. 35

C. 28

D. 21

Q33 General Intelligence & Reasoning

Each of the digits in the number 7356981 is arranged in ascending order from left to right. What will be the sum of the digits that are second from the left and second from the right in the new number thus formed?

A. 11



B. 9

C. 10

D. 8



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Q34 General Intelligence & Reasoning

Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only. (Note: All numbers are single digit numbers only).

(Left) 9 # 8 \$ 1 * £ 3 4 7 + Ω 6 2 & % 5 @ (Right)

How many such symbols are there each of which is immediately preceded by another symbol and also immediately followed by another symbol?

A. 1

B. 2

C. 3

D. 0

**Q35 General Intelligence & Reasoning**

What should come in place of the question mark (?) in the given series based on the English alphabetical order?

BGK HMQ NSW TYC ?

A. ZLE

B. ZIE

C. ZEL

D. ZEI

**Q36 General Intelligence & Reasoning**

What should come in place of the question mark (?) in the given series?

800, 1100, 850, 1150, 900, ?

A. 1200



B. 1150

C. 650

D. 600

Q37 General Intelligence & Reasoning

Seven boxes C, D, E, M, N, O and P are kept one over the other but not necessarily in the same order.

Only two boxes are kept below O. Only one box is kept above N. Only one box is kept between N and E. C is kept immediately above M. D is kept at some place below P. How many boxes are kept between P and C?

A. One

B. Two

C. Four



D. Three

Q38 General Intelligence & Reasoning

In the following number-pairs, the second number is obtained by applying certain mathematical operation(s) to the first number. Select the number-pair in which the numbers are related in the same way as are the numbers of the following pairs.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding to/subtracting from/multiplying with 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

86, 286

48, 248

A. 78, 378

B. 45, 235

C. 70, 280

D. 65, 265

**Q39 General Intelligence & Reasoning**

In a certain code language, 'FELT' is coded as '4629' and 'LOAN' is coded as '1345'. What is the code for 'L' in the given code language?

A. 4



B. 1

C. 2

D. 3

Q40 General Intelligence & Reasoning

What will come in place of the question mark (?) in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged?

$42 \times 6 - 18 \div 4 + 15 = ?$

A. 62

B. 66

C. 68

D. 64

**Q41 General Intelligence & Reasoning**

What should come in place of the question mark (?) in the given series based on the English alphabetical order?

UXZ RUW ORT LOQ ?

A. ILM

B. IKM

C. IKN

D. ILN



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Q42 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series?

28 49 72 97 124 ?

A. 144

B. 172

C. 166

D. 153

**Q43 General Intelligence & Reasoning**

Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. TVR

B. PRN

C. VXT

D. RTO

**Q44 General Intelligence & Reasoning**

Seven people, A, B, C, T, U, V and W are sitting in a row, facing north. Only three people sit to the left of V. Only A sits to the right of U. Only three people sit between U and W. T sits at some place to the left of B but at some place to the right of C. How many people sit between C and B?

A. Two

B. One

C. Four

D. Three

**Q45 General Intelligence & Reasoning**

Gill starts from Point A and drives 7 km towards south. She then takes a left turn, drives 12 km, turns left and drives 4 km. She then takes a left turn and drives 5 km. She takes a final right turn, drives 3 km and stops at Point P. How far (shortest distance) and towards which direction should she drive in order to reach Point A again? (All turns are 90° turns only unless specified.)

A. 9 km towards south

B. 9 km towards west

C. 7 km towards east

D. 7 km towards west

**Q46 General Intelligence & Reasoning**

Tiya, Tarun, Shyam, Jiya, Varun and Ram are sitting around a circle, facing the centre. Ram sits third to the right of Tarun. Tarun sits second to the right of Tiya. Shyam sits to the immediate right of Varun. Who sits second to the right of Tarun?

A. Tiya

B. Shyam



C. Jiya

D. Varun

Q47 General Intelligence & Reasoning

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

All fans are bulbs.
No bulb is a geyser.

Conclusions:

(I): No fan is a geyser.
(II): No geyser is a bulb.

A. Only conclusion (I) follows.

B. Neither conclusion (I) nor (II) follows.

C. Both conclusions (I) and (II) follow.



D. Only conclusion (II) follows.

Q48 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. TWS



B. ORM

C. RUP

D. KNI



Q49 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. LHM

B. EAG 

C. PLQ

D. HDI

Q50 General Intelligence & Reasoning

Seven boxes A, B, C, D, E, F and G are kept one over the other but not necessarily in the same order. Only two boxes are kept below B. Only one box is kept above D. Only one box is kept between D and E. F is kept immediately above C. G is kept at some place below A. How many boxes are kept above B?

A. Two

B. Four 

C. Five

D. Three

Q51 General Intelligence & Reasoning

Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only. All numbers are single-digit numbers.

(Left) 4 6 % Ω 9 # @ 8 \$ 7 1 * £ 5 & + 3 2 (Right)

How many such symbols are there each of which is immediately preceded by a number and also immediately followed by another symbol?

A. 1

B. 4 

C. 2

D. 3

Q52 General Intelligence & Reasoning

IQNJ is related to GOLH in a certain way based on the English alphabetical order. In the same way, FNKG is related to DLIE. To which of the given options is CKHD related, following the same logic?

A. IABF

B. AIBF

C. AIFB 

D. IAFB

Q53 General Intelligence & Reasoning

H is the brother of P. P is the brother of S. S is the daughter of K. K is the wife of L. N is the son of M. M is married to S. How is N related to L?

A. Son

B. Daughter's son 

C. Son's son

D. Brother's son

Q54 General Intelligence & Reasoning

In a certain code language, 'FAIR' is coded as '4627' and 'RENT' is coded as '1365'. What is the code for 'R' in the given code language?

A. 7

B. 5

C. 1

D. 6 **Q55 General Intelligence & Reasoning**

WFJU is related to AINX in a certain way based on the English alphabetical order. In the same way, MRZG is related to QUDJ. To which of the given options is YALP related, following the same logic?

A. CSPO

B. CDPS 

C. CDSP

D. CSER

Q56 General Intelligence & Reasoning

If 'I' stands for '+', 'J' stands for 'x', 'K' stands for '÷' and 'L' stands for '-', then what will come in place of the question mark (?) in the following equation?

65 I 35 L 35 I 15 K 5 J 24 I 65 K 5 J 8 = ?

A. 241 

B. 211

C. 316

D. 303



Q57 General Intelligence & Reasoning

Seven boxes P, Q, R, S, X, Y and Z are kept one over the other, but not necessarily in the same order. Only P is kept above R. Only X is kept between R and Q. Only Z is kept below S. How many boxes are kept between Y and Z?

- A. Four
- B. Two
- C. One
- D. Three

**Q58 General Intelligence & Reasoning**

MONK is related to SUTQ in a certain way based on the English alphabetical order. In the same way, KMLI is related to QSRO. To which of the following is CEDA related, following the same logic?

- A. JUYT
- B. JUIY
- C. IKOP
- D. IKJG

**Q59 General Intelligence & Reasoning**

Dominic starts from Point A and drives 6 km towards east. He then takes a right turn, drives 9 km, turns right and drives 11 km. He then takes a right turn and drives 19 km. He takes a final right turn, drives 5 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90° turns only unless specified.)

- A. 11 km; south
- B. 13 km; south
- C. 10 km; south
- D. 12 km; south

**Q60 General Intelligence & Reasoning**

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.

Statements:

All bottles are ludo.
All ludo are drums.

Conclusions:

(I): Some drums are ludo.
(II): All bottles are drums.

- A. Neither conclusion (I) nor (II) follows.
- B. Both conclusions (I) and (II) follow.
- C. Only conclusion (II) follows.
- D. Only conclusion (I) follows.

**General Awareness**

40 Questions • Answer Key

Q61 General Awareness

The luminous efficacy of monochromatic radiation of frequency 540×10^{12} Hz, Kcd, is to be ____ when expressed in the unit lumen per watt.

- A. 655
- B. 679
- C. 683
- D. 641

**Q62 General Awareness**

What did the Supreme Court direct regarding the investigation of 171 alleged fake encounters in Assam?

- A. Ordered the Assam Human Rights Commission to transferred the cases to the CBI
- B. Declared the encounters justified
- C. Ordered the Assam Human Rights Commission to investigate
- D. Dismissed the allegations



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Q63 General Awareness

Which of the following countries withdrew from the International Criminal Court (ICC) in April 2025?

- A. Austria
- B. Czech Republic
- C. Slovakia
- D. Hungary

**Q64 General Awareness**

In which location is the 17th edition of the India-Mongolia joint military Exercise NOMADIC ELEPHANT being conducted, as of 29 May 2025?

- A. Ulaanbaatar, Mongolia
- B. Leh, Ladakh
- C. Thimphu, Bhutan
- D. Umroi, Meghalaya

**Q65 General Awareness**

In which year was the National Disaster Management Authority (NDMA) initially constituted under the Chairmanship of the Prime Minister of India by an executive order?

- A. 2008
- B. 2007
- C. 2010
- D. 2005

**Q66 General Awareness**

Which Indian institute developed a fluorescent sensor capable of detecting cyanide in water and human cells, using just a UV light source?

- A. IIT Guwahati
- B. IIT Madras
- C. IIT Bombay
- D. IIT Delhi

**Q67 General Awareness**

Who among the following was conferred with the Padma Shri Award 2025 in the field of Literature and Education in April 2025?

- A. Prof. Anil Kumar Boro
- B. Prof. MT Vasudevan Nair
- C. Prof. Sushil Kumar Modi
- D. Prof. Nandamuri Balakrishna

**Q68 General Awareness**

In which of the following years was Burhan-ul-Mulk appointed the Nazim of Awadh?

- A. 1702
- B. 1712
- C. 1732
- D. 1722

**Q69 General Awareness**

Which of the following statements about the Council of Ministers is correct?

- A. Ministers of State rank higher than Cabinet Ministers.
- B. All members of the Council of Ministers are part of the Cabinet.
- C. Cabinet Ministers are a smaller group within the Council of Ministers.
- D. The Council of Ministers is appointed by the Chief Justice.

**Q70 General Awareness**

Which of the following helps in organizing files?

- A. Not saving any files
- B. Placing all files on the desktop
- C. Naming files meaningfully
- D. Saving all files in one folder

**Q71 General Awareness**

Which type of mountain range is formed by the uplifted folded sedimentary rocks?

- A. Residual Mountains
- B. Volcanic Mountains
- C. Fold Mountains
- D. Block Mountains

**Q72 General Awareness**

In April 2025, which defence subsidiary signed a landmark defence MoU with Slovakia aimed at boosting India's indigenous defence manufacturing capabilities?

- A. BrahMos Aerospace Pvt Ltd
- B. Airbornics Defence & Space Pvt Ltd
- C. NewSpace India Ltd
- D. Paras Defence and Space Technologies Ltd



Q73 General Awareness

Which 2025 book by Pankaj Mishra examines Middle Eastern conflicts in a global context?

A. Echoes of the East

B. The World After Gaza ✓

C. Global Turmoil

D. Beyond Borders

Q74 General Awareness

Developing countries have often experienced mixed outcomes from globalisation. Which of the following is a potential disadvantage of globalisation for developing economies?

A. Unequal income distribution ✓

B. Export growth

C. Transfer of technology

D. Job creation

Q75 General Awareness

The RTI Act applies to which of the followings in India?

A. Only State Government

B. Only Central Government

C. Only Judiciary

D. All Public Authorities ✓

Q76 General Awareness

What is the primary purpose of introducing e-passports in India in May 2025?

A. To reduce the cost of passport production

B. To increase the number of pages in the passport

C. To enhance security and prevent identity fraud ✓

D. To change the colour of the passport cover

Q77 General Awareness

The primary cause for the rise of Jainism and Buddhism was the religious unrest in India in the ____.

A. 5th century BCE

B. 7th century BCE

C. 6th century BCE ✓

D. 4th century BCE

Q78 General Awareness

Which of the following is NOT a state function or state variable in a thermodynamic system?

A. Enthalpy

B. Pressure

C. Internal energy

D. Work ✓

Q79 General Awareness

Mahavdev Govind Ranade devoted his entire life to the ____.

A. Theosophical Society

B. Prarthana Samaj ✓

C. Deva Samaj

D. Servants of India Society

Q80 General Awareness

During the period of medieval Indian literature, which language began to decline as the dominant medium for Buddhist literary expression and scholarship?

A. Prakrit

B. Apabhramsha

C. Pali ✓

D. Sanskrit

Q81 General Awareness

The Green Revolution in India primarily led to an increase in the production of which crops?

A. Wheat and Sugarcane

B. Rice and Maize

C. Wheat and Rice ✓

D. Rice and Pulses

Q82 General Awareness

For her outstanding contributions towards films, which Indian filmmaker was honoured with the prestigious Officier dans l'Ordre des Arts et des Lettres (Officer of the Order of Arts and Letters) award by the French government in April 2025?

A. Payal Kapadia ✓

B. Zoya Akhtar

C. Deepa Mehta

D. Mira Nair



Q83 General Awareness

What is the primary goal of the 'MILAN 2025' naval exercise hosted by India?

- A. To build new submarines jointly with France
- B. To promote maritime cooperation among friendly navies ✓
- C. To train for desert warfare
- D. To launch new defence satellites

Q84 General Awareness

Yakshagana is a folk theatre form from which of the following states of India?

- A. Punjab
- B. Gujarat
- C. Karnataka ✓
- D. Tamil Nadu

Q85 General Awareness

In India, the area under 'Permanent Pastures and Grazing Lands' is mostly owned by:

- A. the Forest Department
- B. cooperatives
- C. private companies
- D. Village Panchayats ✓

Q86 General Awareness

Which physical feature marks the northeastern boundary of the Peninsular Block?

- A. Eastern Ghats
- B. Western Ghats
- C. Malda fault ✓
- D. Aravalli Range

Q87 General Awareness

'Blossom Shower' triggers the blossoming of the flowers of which crops in Kerala and nearby areas?

- A. Tea
- B. Cotton
- C. Sunflower
- D. Coffee ✓

Q88 General Awareness

Which Five Year Plan marked the beginning of the Green Revolution in India?

- A. First Five Year Plan
- B. Second Five Year Plan
- C. Fourth Five Year Plan
- D. Third Five Year Plan ✓

Q89 General Awareness

Which of the following organisations is NOT related to the development of 'DIGIPIN', which was launched in 2025?

- A. DRDO ✓
- B. ISRO
- C. Department of Posts
- D. IIT Hyderabad

Q90 General Awareness

Which trio of leaders is famously associated with the rise of Extremist ideology in Indian nationalism?

- A. Lal-Bal-Pal ✓
- B. Gokhale-Tilak-Gandhi
- C. Aurobindo-Lajpat Rai-Gokhale
- D. Nehru-Gandhi-Patel

Q91 General Awareness

Which of the following best explains why adult literacy varies significantly across Indian states?

- A. Unequal industrial development
- B. Different climate zones
- C. Socio-economic and educational disparities ✓
- D. Variations in population density

Q92 General Awareness

Pitt's India Act of 1784 established which of the following bodies?

- A. Dual Government in Bengal
- B. Board of Control ✓
- C. Indian Civil Services
- D. Supreme Court at Calcutta



Q93 General Awareness

Which player was honoured with the 2025 Football Writers' Association Men's Footballer of the Year award?

A. Mohamed Salah



B. Harry Kane

C. Erling Haaland

D. Bukayo Saka

Q94 General Awareness

Which of the following elements is NOT generally found in proteins?

A. Nitrogen

B. Hydrogen

C. Carbon

D. Phosphorus

**Q95 General Awareness**

While multitasking, which of the following best describes what happens when Alt + Tab is used repeatedly?

A. It locks the computer.

B. It cycles through open applications in the order of last use.



C. It closes the active window.

D. It opens the Task Manager.

Q96 General Awareness

Which soil is acidic in nature and found in high rainfall areas?

A. Red soil

B. Black soil

C. Alluvial soil

D. Laterite soil

**Q97 General Awareness**

Who was sworn in as the 52nd Chief Justice of India on 14 May 2025?

A. Justice Bhushan Ramakrishna Gavai



B. Justice Uday Umesh Lalit

C. Justice Sanjiv Khanna

D. Justice Dhananjaya Y Chandrachud

Q98 General Awareness

Which of the following constitutional bodies was created to recommend appointments and transfers of judges in India?

A. Central Judicial Commission

B. Supreme Council of Judges

C. High Court Tribunal

D. National Judicial Appointments Commission

**Q99 General Awareness**

Who has the authority to transfer judges of the High Courts in India?

A. Chief Minister of the State

B. Chief Justice of India acting on behalf of the Supreme Court

C. President of India



D. Parliament of India

Q100 General Awareness

The provision of early childhood care and education to children below six years of age was introduced by which Constitutional Amendment?

A. Forty-fourth Amendment Act, 1978

B. Forty-second Amendment Act, 1976

C. Eighty-sixth Amendment Act, 2002



D. Seventy-fourth Amendment Act, 1992



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Mathematics

30 Questions • Answer Key

Q1 Mathematics

Anshuman and Kunal together invested ₹36,400 in a business. At the end of the year, out of a total profit of ₹19,500, Kunal's share was ₹6,300. What was the difference between their investments?

- A. ₹14,879
- B. ₹14,688
- C. ₹12,892
- D. ₹12,880



Q2 Mathematics

Which of the following ratios is the greatest?

- A. 29 : 57
- B. 22 : 82
- C. 23 : 75
- D. 31 : 85



Q3 Mathematics

The number 576499 is divisible by which of the following?

- A. 7
- B. 6
- C. 15
- D. 16



Q4 Mathematics

A man riding on a bicycle at a speed of 36 km/hr crosses a bridge in 54 seconds. Find the length (in metres) of the bridge.

- A. 350
- B. 550
- C. 540
- D. 440



Q5 Mathematics

Find a single discount equivalent to successive discounts of 15% and 18%.

- A. 30.3%
- B. 34.3%
- C. 28.3%
- D. 32.3%



Q6 Mathematics

The sum of two numbers is 132 and their L.C.M. is 630. What are the two numbers?

- A. 83, 49
- B. 88, 44
- C. 95, 37
- D. 90, 42



Q7 Mathematics

If the interest earned during the 2nd year on a certain sum is ₹6,258, and the rate of interest is 20% per annum compounded annually, then the sum is:

- A. ₹25,120
- B. ₹25,235
- C. ₹26,075
- D. ₹26,630



Q8 Mathematics

The average price of three items of furniture is ₹16875. If their prices are in the ratio 3:5:7, the price of the costliest item (in ₹) is

- A. 10125
- B. 23625
- C. 5625
- D. 7875



Q9 Mathematics

Wasim travels 455 km at 91 km/hr, the next 390 km at 78 km/hr and the next 476 km at 68 km/hr. What is his average speed (in km/hr) for the whole journey? (Round off your answer to two decimal places)

- A. 78.27
- B. 77.71
- C. 78.96
- D. 73.67



Q10 Mathematics

If 2 times a son's age is added to his father's age, the sum is 46 years. If 2.5 times the father's age is added to the son's age, the sum is 97 years. What is the father's age (in years)?

A. 35

B. 34

C. 37 ✓

D. 33

Q11 Mathematics

Find a single discount equivalent to successive discounts of 5% and 20%.

A. 26%

B. 22%

C. 24% ✓

D. 28%

Q12 Mathematics

Find the simple interest (in ₹) on ₹1,200 at an interest rate of 4% per month for 11 months.

A. ₹64

B. ₹528

C. ₹44 ✓

D. ₹88

Q13 Mathematics

I bought two toy guns for ₹1,200. I sold the first one at a loss of 8% and the second at a gain of 16%. If, on the whole I made neither a loss nor a gain, find the cost price (in ₹) of the first toy gun.

A. 820

B. 800 ✓

C. 824

D. 784

Q14 Mathematics

The product of two positive numbers is 1445. If the first number is five times of the second number, then the sum of the two numbers is:

A. 102 ✓

B. 105

C. 115

D. 93

Q15 Mathematics

In $\triangle ABC$, $BD \perp AC$ at D and $\angle DBC = 71^\circ$. E is a point on BC such that $\angle CAE = 17^\circ$. What is the measure of $\angle AEB$?

A. 40° B. 31° C. 36° ✓D. 34° **Q16 Mathematics**

The length, breadth and height of a cuboid are in the ratio of 5 : 4 : 3. If the sum of the length, breadth and height is 120 cm, then what will be its volume?

A. 45,000 cm³B. 50,000 cm³C. 60,000 cm³ ✓D. 40,000 cm³**Q17 Mathematics**

Given that $76^{0.44} = x$, $76^{0.93} = y$ and $x^z = y^3$, then the value of z is close to:

A. 5.18

B. 7.48

C. 7.73

D. 6.34 ✓

Q18 Mathematics

P, Q and R invested a sum in the ratio of 12 : 82 : 38, respectively. If they earned a total profit of ₹3,510 at the end of year, what is the difference between the shares of Q and R?

A. ₹1,092

B. ₹1,215

C. ₹1,170 ✓

D. ₹1,281

Q19 Mathematics

If the 6-digit number N09M82 is divisible by 11, then which of the options below can give a possible correct relation between M and N?

A. $M = N$ B. $M + N = -4$ C. $M - N = 4$ ✓D. $M - N = 1$ 

Q20 Mathematics

Find the value of: $93^{-6} \div 93^{16} \times 93^{-12}$

- A. 93-33
- B. 93-26
- C. 93-25
- D. 93-34

**Q21 Mathematics**

The income of Raman is ₹77,600. He saves 13% of his income. If his income increases by 50% and expenditure increases by 50%, then his savings will:

- A. decrease by ₹19,012
- B. increase by ₹19,015
- C. decrease by ₹6,406
- D. increase by ₹5,044

**Q22 Mathematics**

The LCM of the numbers 12.8 and 0.004 is:

- A. 0.128
- B. 128
- C. 1.28
- D. 12.8

**Q25 Mathematics**

A cuboid has length 10 cm, breadth 5 cm and height 2 cm. What is its surface area?

- A. 140 cm²
- B. 180 cm²
- C. 160 cm²
- D. 130 cm²

**Q26 Mathematics**

Find the value of x satisfying: $2(3x^2 - 7) - 3(2x^2 + 7x - 9) = 13$

- A. -3
- B. 4
- C. 0
- D. -1

**Q23 Mathematics**

The average price of three items of furniture is ₹5,305. If their prices are in the ratio 3 : 5 : 7, the price of the cheapest item (in ₹) is:

- A. 1,061
- B. 7,427
- C. 3,183
- D. 5,305

**Q24 Mathematics**

A vendor claims to sell wheat at a loss of 50%, but he cheats by using weights that are 65% less than the stated weight. What is his actual profit percentage (round off to two decimal places)?

- A. 46.81%
- B. 42.86%
- C. 47.33%
- D. 43.08%



Q27 Mathematics

By how much is 65% of 65 greater than $\frac{2}{5}$ of 15?

A. 33.25

B. 36.25 

C. 30.25

D. 34.25

Q28 Mathematics

Anjani can do a certain piece of work in 24 days. Anjani and Khushbu can together do the same work in 12 days, and Anjani, Khushbu and Sushmita can do the same work together in 9 days. In how many days can Anjani and Sushmita do the same work together?

A. $\frac{82}{6}$ B. $\frac{65}{5}$ C. $\frac{70}{7}$ D. $\frac{72}{5}$ 

Q29 Mathematics

If $\cot A = \sqrt{5}$, then find the value of $\frac{\operatorname{cosec}^2 A - \sec^2 A}{\operatorname{cosec}^2 A + \sec^2 A}$.

A. $\frac{\sqrt{5} + 1}{\sqrt{5} - 1}$ B. $\frac{2}{3}$ C. $\frac{\sqrt{5} - 1}{\sqrt{5} + 1}$ D. $\frac{3}{2}$ 

Q30 Mathematics

A can lay railway track between two given stations in 21 days and B can do the same job in 16 days. With the help of C, they did the job in 2 days only. Then, C alone can do the job in

A. $4\frac{74}{131}$ days

B. $12\frac{74}{131}$ days

C. $6\frac{74}{131}$ days

D. $2\frac{74}{131}$ days

**General Intelligence & Reasoning**

30 Questions • Answer Key

Q31 General Intelligence & Reasoning

Refer to the following letter and symbol series and answer the question that follows. Counting to be done from left to right only. (Note: All numbers are single digit numbers only).

(Left) % 6 2 9 4 7 + \$ 1 Ω # * £ 3 & 8 5 @ (Right)

How many such numbers are there each of which is immediately preceded by another number and also immediately followed by a symbol?

A. 3

B. 1

C. 2



D. 4

Q32 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. SVZ



B. CEJ

C. PRW

D. GIN

Q33 General Intelligence & Reasoning

Gaurav ranked 29th from the top and 45th from the bottom in his class. How many students are there in his class?

A. 73



B. 74

C. 71

D. 72

Q34 General Intelligence & Reasoning

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

All flats are villas.

No villa is an apartment.

Conclusions:

(I) No flat is an apartment.

(II) No apartment is a villa.

A. Both conclusions I and II follow.



B. Only conclusion II follows.

C. Only conclusion I follows.

D. Neither conclusion I nor II follows.



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Q35 General Intelligence & Reasoning

Hashini starts from Point Y and drives 16 km towards north. She then takes a left turn, drives 5 km. She then turns left and drives 25 km. She takes a final left turn, drives 5 km and stops at Point Z. How far (shortest distance) and towards which direction should she drive in order to reach Point Y again? (All turns are 90-degree turns only unless specified)

- A. 15 km towards south
- B. 8 km towards east
- C. 12 km towards west
- D. 9 km towards north

**Q36 General Intelligence & Reasoning**

All 97 students in a class are standing in a row facing north. Hansa is 46th from the right end while Neeti is 35th from the left end. How many people stand between Hansa and Neeti?

- A. 17
- B. 15
- C. 14
- D. 16

**Q37 General Intelligence & Reasoning**

A, B, C, D, Q, R and S are sitting around a circular table, facing the centre of the table. Only one person sits between Q and S, when counted from the right of Q. Only one person sits between S and C. Only one person sits between Q and R. Only two people sit between A and C. Only one person sits between B and R. Who sits third to the right of D?

- A. A
- B. C
- C. Q
- D. S

**Q38 General Intelligence & Reasoning**

LN 23 is related to JI 6 in a certain way. In the same way, LJ 18 is related to JE 1. To which of the following is PP 7 related, following the same logic?

- A. NL 12
- B. MK 10
- C. NK 10
- D. ML 10

**Q39 General Intelligence & Reasoning**

In a certain code language, 'HIKE' is coded as '4627' and 'SACK' is coded as '1365'. What is the code for 'K' in the given code language?

- A. 6
- B. 7
- C. 1
- D. 5

**Q40 General Intelligence & Reasoning**

R is the father of O. O is the wife of A. A is the brother of S. S is the daughter of T. How is R related to T?

- A. Son's wife's father
- B. Brother's wife's brother
- C. Brother's wife's sister
- D. Brother's wife's mother

**Q41 General Intelligence & Reasoning**

Seven people, A, B, C, T, U, V and W are sitting in a row, facing north. No one sits to the left of V. Only four people sit between V and B. Only three people sit to the right of C. A sits to the immediate left of W. T is not an immediate neighbour of C. Who sits at the rightmost end of the line?

- A. A
- B. C
- C. U
- D. T

**Q42 General Intelligence & Reasoning**

Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) 9 & 2 * 4 @ 5 £ 8 # 6 & 1 Ω 7 % \$ 3 (Right)

How many such symbols are there, each of which is immediately preceded by an odd number but NOT immediately followed by an even number?

- A. None
- B. Two
- C. One
- D. Three



Q43 General Intelligence & Reasoning

If 'A' stands for '+', 'B' stands for '×', 'C' stands for '+' and 'D' stands for '-', what will come in place of the question mark (?) in the following equation?

$$7 \text{ B } 5 \text{ D } 48 \text{ A } 4 \text{ C } 13 = ?$$

A. 40

B. 47

C. 52

D. 36

**Q44 General Intelligence & Reasoning**

Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. PG - MQ

B. JA - GK

C. LC - IN



D. NE - KO

Q45 General Intelligence & Reasoning

If 1 is added to each even digit and 1 is subtracted from each odd digit in the number 937612548, then what will be the sum of all the odd digits in the new number thus formed?

A. 22

B. 26

C. 20

D. 24

**Q46 General Intelligence & Reasoning**

Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

HYP 8, LCT 15, PGX 29, TKB 57, XOF 113, ?

A. BSI 225

B. CSJ 225

C. BSJ 225



D. BCJ 225

Q47 General Intelligence & Reasoning

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

All pins are bugs.

All pins are cows.

Conclusions:

(I): Some bugs are cows.

(II): All cows are pins.

A. Only conclusion (I) follows.



B. Both conclusions (I) and (II) follow.

C. Only conclusion (II) follows.

D. Neither conclusion (I) nor (II) follows.

Q48 General Intelligence & Reasoning

What will come in the place of the question mark (?) in the following equation, if '+' and '÷' are interchanged, and '-' and '×' are interchanged?

$$6 + 3 \div 48 - 4 \times 25 = ?$$

A. 25

B. 38

C. 31



D. 44

Q49 General Intelligence & Reasoning

In a certain code language, 'PART' is coded as '2467' and 'AIDS' is coded as '1573'. What is the code for 'A' in that language?

A. 3

B. 1

C. 7



D. 4

Q50 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series?

98 102 110 126 158 ?

A. 223

B. 222



C. 221

D. 224



Q51 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series based on the English alphabetical order?

CHR HMW MRB RWG ?

A. WKB

B. WBK

C. WLB

D. WBL

**Q52 General Intelligence & Reasoning**

DJMS is related to JPRX in a certain way based on the English alphabetical order. In the same way, BHGM is related to HNLR. To which of the given options is TZVB related, following the same logic?

A. ZAFG

B. ZAGF

C. ZFGA

D. ZFAG

**Q53 General Intelligence & Reasoning**

Seven boxes A, B, C, D, E, F and G are kept one over the other but not necessarily in the same order. Only A is kept above F. Only C is kept between F and D. Only B is kept below E. How many boxes are kept between E and F?

A. Four

B. Two

C. Three



D. One

Q54 General Intelligence & Reasoning

If 1 is added to each even digit and 2 is subtracted from each odd digit in the number 9283745, what will be the sum of the digits that are second from the left and second from the right?

A. 6

B. 7

C. 9

D. 8

**Q55 General Intelligence & Reasoning**

Town N is to the north of Town M. Town O is to the east of Town N. Town P is to the north of Town O. Town Q is to the east of Town P. Town R is to the east of Town Q. What is the position of Town R with respect to Town M?

A. Northeast



B. Southeast

C. South

D. North

Q56 General Intelligence & Reasoning

RP 4 is related to WU 16 in a certain way. In the same way, LJ 3 is related to QO 9. To which of the following is TR 6 related, following the same logic?

A. VT 32

B. YX 32

C. YW 36



D. VT 36

Q57 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series?

679 680 690 691 701 702 712 ?

A. 714

B. 713



C. 711

D. 712

Q58 General Intelligence & Reasoning

In the following number-pairs, the second number is obtained by applying certain mathematical operation(s) to the first number. Select the number-pair in which the numbers are related in the same way as are the numbers of the following pairs.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding to/subtracting from/multiplying with 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

34, 136

53, 212

A. 72, 288



B. 32, 114

C. 66, 248

D. 59, 229



Q59 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series?

7 13 25 43 67 ?

A. 97



B. 90

C. 100

D. 95

Q60 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group? (Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. XRMJ

B. PJFB



C. QKFC

D. MGBY

General Awareness

40 Questions • Answer Key

Q61 General Awareness

When was the States Reorganisation Act passed, implementing the Commission's recommendations?

A. 1956



B. 1953

C. 1954

D. 1959

Q64 General Awareness

The currently shelved (as of June 2025) InCyber Forum, a leading cybersecurity conference, was initially set to take place in which US city?

A. Austin, Texas

B. San Antonio, Texas



C. Seattle, Washington

D. San Francisco, California

Q62 General Awareness

Which of the following Amendments made Education a subject in the Concurrent List?

A. 44thAmendment

B. 86thAmendment

C. 42ndAmendment



D. 52ndAmendment

Q65 General Awareness

What new facility was introduced by the Election Commission of India (ECI) at polling stations in May 2025?

A. Voter ID kiosks

B. Free Wi-Fi for voters

C. Online voting portal

D. Mobile phone deposit facility

**Q63 General Awareness**

Which ministry has introduced a technology-driven initiative called e-Zero FIR on 19 May 2025 to boost India's cybercrime-fighting capabilities?

A. Ministry of Communications

B. Ministry of Home Affairs



C. Ministry of Electronics and Information Technology

D. Ministry of Information and Broadcasting

Q66 General Awareness

Population density is calculated as:

A. total number of people in a country

B. number of children born per year

C. average number of people per family

D. number of persons living per unit area

**Q67 General Awareness**

The Atomic Energy Establishment, established at Trombay in 1954, was later renamed as:

A. Nehru Institute of Atomic Energy

B. Indian Institute of Nuclear Science

C. Indira Gandhi Atomic Centre

D. Bhabha Atomic Research Centre



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Q68 General Awareness

Which party regained power in the 2025 Delhi Legislative Assembly elections, ending AAP's 15-year hold?

- A. Trinamool Congress
- B. Bharatiya Janata Party ✓
- C. Samajwadi Party
- D. Indian National Congress

Q69 General Awareness

Which islands of India are strategically important due to their location near the Malacca Strait?

- A. Lakshadweep Islands
- B. Rameswaram Islands
- C. Andaman and Nicobar Islands ✓
- D. Gulf of Kutch Islands

Q70 General Awareness

What was the Supreme Court's directive regarding the NEET-PG 2025 examination format?

- A. Conduct the exam in two shifts
- B. Conduct the exam in a single shift ✓
- C. Postpone the examination indefinitely
- D. Cancel the examination

Q71 General Awareness

Which of the following dynasties initiated the practice of land grants to Brahmanas?

- A. Satavahanas ✓
- B. Kushanas
- C. Guptas
- D. Cholas

Q72 General Awareness

Which of the following organisations conducted the CROPS experiment to study plant growth in space in February 2025?

- A. Indian Space Research Organisation (ISRO) ✓
- B. Japan Aerospace Exploration Agency (JAXA)
- C. National Aeronautics and Space Administration (NASA)
- D. European Space Agency (ESA)

Q73 General Awareness

Which book by Sophie Elmhirst was honoured with the Nero Book of the Year award in 2025?

- A. The Adversary
- B. Maurice and Maralyn ✓
- C. The Girl with the Seven Lives
- D. Flow

Q74 General Awareness

How did globalisation affect India's economic growth?

- A. Slowed it down
- B. Made it grow faster ✓
- C. Reduced GDP
- D. Had no effect

Q75 General Awareness

In which year was the Indian Civil Service (ICS) officially replaced by the Indian Administrative Service (IAS)?

- A. 1951
- B. 1947 ✓
- C. 1949
- D. 1950

Q76 General Awareness

Which law explains the colours of black bodies including the Sun and other stars in terms of their temperatures?

- A. Kepler's laws of planetary motion
- B. Wien's Displacement Law ✓
- C. Snell's Law
- D. Hooke's Law

Q77 General Awareness

At the 2025 Asian Athletics Championships, which Indian athlete won gold medals in both the men's 5000m and 10,000m events?

- A. Sachin Yadav
- B. Tejaswin Shankar
- C. Avinash Sable
- D. Gulveer Singh ✓



Q78 General Awareness

The Western Ghats and the Eastern Ghats mark the western and the eastern edges of which plateau?

A. Deccan Plateau



B. Chotanagpur Plateau

C. Shillong Plateau

D. Malwa Plateau

Q79 General Awareness

Which of the following falls under the Supreme Court's original jurisdiction, according to the Constitution of India (Article 131)?

A. Appeals from criminal cases in High Courts

B. Election petitions against sitting Members of Parliaments

C. Enforcement of fundamental rights of individuals

D. Disputes between States or between a State and the Union

**Q80 General Awareness**

Which option in the Control Panel allows a user to add or remove hardware devices in MS Windows?

A. Network and Sharing Center

B. Device Manager



C. System and Security

D. Security and Maintenance

Q81 General Awareness

What does the abbreviation ASCII stand for?

A. Advanced System for Computer Input and Integration

B. Automatic System for Coding Interactive Interfaces

C. American Scientific Code for Internet Integration

D. American Standard Code for Information Interchange

**Q82 General Awareness**

On which day is Good Friday observed in 2025?

A. 14 March

B. 18 April



C. 12 May

D. 7 June

Q83 General Awareness

Which of the following industries was operational in India at the time of independence?

A. Electronics industry

B. Automobile industry

C. Aerospace industry

D. Iron and steel industry

**Q84 General Awareness**

Which of the following is a well-known bronze artefact from the Indus Valley Civilisation, dating to around 2500 BCE?

A. Stone seal of unicorn from Lothal

B. Priest-King statue from Mohenjo-daro

C. Painted pottery vase from Dholavira

D. Dancing Girl statue from Mohenjo-daro

**Q85 General Awareness**

Which of the following foods is a source of animal protein?

A. Pulses

B. Beans

C. Eggs



D. Nuts

Q86 General Awareness

Which physical feature acts as a barrier to the southwest monsoon winds, causing heavy rainfall on one side and dry conditions on the other?

A. Satpura Range

B. Western Ghats



C. Vindhya Range

D. Aravalli Range

Q87 General Awareness

The introduction of English education in India was promoted through which of the following documents?

A. Macaulay's Minute



B. Pitts India Act

C. Regulating Act

D. Charter Act of 1813



Q88 General Awareness

What percentage of the Indian population was dependent on agriculture around the time of independence?

- A. About 50%
- B. About 30%
- C. About 90%
- D. About 70%

**Q89 General Awareness**

Henry Vivian Derozio, a teacher at the Hindu College of Calcutta, promoted radical ideas and encouraged his pupils to question all authority. This movement became known as the:

- A. Social Service League
- B. Young Bengal Movement
- C. Justice Movement
- D. Servants of India Society

**Q90 General Awareness**

Consider the following vitamins.

1. Vitamin D
2. Vitamin B12
3. Vitamin K
4. Vitamin C

Which of them are water soluble?

- A. Only 1, 2 and 3
- B. Only 1 and 2
- C. Only 2 and 3
- D. Only 2 and 4

**Q91 General Awareness**

The 'National Mission on High Yielding Seeds' aims to:

- A. promote organic farming practices
- B. increase production of high-quality seeds
- C. enhance irrigation facilities
- D. develop cold storage infrastructure

**Q92 General Awareness**

What was the reason for stagnation in the agricultural sector during the colonial rule?

- A. Imposition of high taxes on the food grains and cash crops by the colonial government
- B. Various systems of land settlement that were introduced by the colonial government
- C. Establishment of large scale industries by the colonial government
- D. Extreme commercialisation of agriculture by the colonial government

**Q93 General Awareness**

What is the total number of cave structures at the Ajanta Caves location in Maharashtra, India, including the one that was never completed?

- A. Thirty-two
- B. Thirty-one
- C. Twenty-nine
- D. Thirty

**Q94 General Awareness**

What is the core objective of the ISRO- European Space Agency (ESA) collaboration in the Axiom-4 mission?

- A. Microgravity-based scientific experiments
- B. Communications satellite deployment
- C. Lunar rover development
- D. Deep-space observation

**Q95 General Awareness**

Which mission by the Indian Government, launched in 2023, aims to develop quantum technologies and has established four Thematic Hubs across premier institutions, as of 2025?

- A. Quantum India Program
- B. National Quantum Mission
- C. Digital India Mission
- D. Tech India Initiative



Q96 General Awareness

Which province of Pakistan, known for its rich resources but low development, has long witnessed separatist movements and demands for greater autonomy or independence?

A. Balochistan



B. Khyber Pakhtunkhwa

C. Sindh

D. Punjab

Q97 General Awareness

Which of the following is true regarding the tenure and independence of the Chief Election Commissioner (CEC) of India?

A. The CEC can only be removed like a Supreme Court judge by a two-thirds majority in Parliament.

B. The CEC's removal requires assent of the Chief Justice of India but not necessarily the Parliament's approval.

C. The CEC enjoys a fixed tenure of ten years and cannot be replaced before that term under any circumstances.

D. The other Election Commissioners can only be removed by the CEC, not by the government.

**Q98 General Awareness**

Sher Shah divided his empire into shiqqs, equivalent to which administrative division under the Mughals?

A. Suba

B. Sarkar



C. Mandal

D. Pargana

Q99 General Awareness

Acid rain is mainly caused due to the presence of which two gases in the atmosphere?

A. Oxygen and Hydrogen

B. Carbon dioxide and Carbon monoxide

C. Sulphur dioxide and Nitrogen oxides



D. Nitrogen and Methane

Q100 General Awareness

Which Article of the Indian Constitution provides for the Council of Ministers at the Union level?

A. Article 74



B. Article 65

C. Article 85

D. Article 75



Mathematics

30 Questions • Answer Key

Q1 Mathematics

If the third proportional of 25 and 35 be x , then what is the value of x ?

A. 49



B. 52

C. 51

D. 50

Q2 Mathematics

The average weight of Mandar, Ketan and Tushar is 45 kg. If the average weight of Mandar and Ketan is 44 kg and that of Ketan and Tushar is 45 kg, then the weight of Ketan (in kg) is:

A. 53

B. 58

C. 63

D. 43



Q3 Mathematics

The sides of a triangle are 44 cm, 33 cm, and 55 cm. What is its area? (in cm^2)

A. 732

B. 726



C. 742

D. 749

Q4 Mathematics

A company earns a profit (in ₹) that is distributed among the company's three partners in the ratio of 14 : 10 : 16. If the difference between the smallest and the largest shares is ₹29,547, the total profit (in ₹) of the company is:

A. 1,97,067

B. 1,96,943

C. 1,96,892

D. 1,96,980



Q5 Mathematics

If the 6-digit number $N84M69$ is divisible by 11, then which of the options below can give a possible correct relation between M and N ?

A. $M - N = -7$ B. $M + N = 7$ C. $M - N = 1$ D. $M = N$

Q6 Mathematics

M and N started a business. M invested ₹48,000 more than N for 3 months, while N invested for 4 months. M 's share is ₹498 more than that of N , out of a total profit of ₹1,494. Find the capital contributed by M .

A. ₹78,000

B. ₹75,000

C. ₹76,800



D. ₹78,600

Q7 Mathematics

The number of prime numbers lying between 306 and 313, both included, is:

A. 3



B. 2

C. 4

D. 5

Q8 Mathematics

A jacket is marked at ₹12,000. Store A offers two successive discounts of 15% and 10%. Store B offers two successive discounts of 10% and 15%. A customer wants to know which store provides a better deal and by how much?

A. Store B; by ₹100

B. Both stores A and B offer the same price



C. Store A; by ₹100

D. Store A; by ₹150



Q9 Mathematics

If 3 times Mary's present age is 18 years more than 5 times Diya's present age, and 2 times Diya's present age is 3 years less than Mary's present age, then what is the difference (in years) between the ages of Mary and Diya?

A. 15

B. 16

C. 11

D. 12

**Q10 Mathematics**

A man driving a car at a speed of 41 km/hr crosses a bridge in 2.4 minutes. Find the length of the bridge.

A. 0.69 km

B. 1.64 km



C. 2.54 km

D. 2.18 km

Q11 Mathematics

Find the value of $[868 \div \{26 + 6 \times (3 - 7)\}]$.

A. 434



B. 431

C. 435

D. 432

Q12 Mathematics

Which of the following is the greatest number that, when dividing 183, 127 and 211, leaves the same remainder each time?

A. 25

B. 30

C. 28



D. 32

Q13 Mathematics

A train that is 220 m long overtakes a man moving at a speed of 10 km/hr (in same direction) in 44 seconds. How much time (in seconds) will it take this train to completely cross another train of a length of 315 m, moving in the opposite direction at a speed of 79 km/hr?

A. 32

B. 28

C. 18



D. 14

Q14 Mathematics

The marks scored by 10 students are given below.

18, 13, 14, 14, 19, 14, 17, 17, 14, 20

The mode of the data is:

A. 18

B. 14



C. 13

D. 19

Q15 Mathematics

The product of two consecutive natural numbers is 182. The greater of the two numbers is:

A. 14



B. 7

C. 26

D. 27

Q16 Mathematics

After allowing a discount of 28%, an article is available for ₹3,240. Its marked price is _____.

A. ₹4,500



B. ₹4,332

C. ₹4,147

D. ₹4,450

Q17 Mathematics

Find the value of: $55^{-13} \div 55^{14} \times 55^{-11}$

A. 55-38



B. 55-32

C. 55-36

D. 55-48

Q18 Mathematics

4 men can complete a piece of work in 18 days, while 9 women can do it in 8 days. In how many days can 3 women and 6 men complete this work?

A. 11 days

B. 4 days

C. 13 days

D. 8 days



Q19 Mathematics

A number, when increased by 60%, gives 3570. The number is:

- A. 6693.75
- B. 2231.25 ✓
- C. 4462.5
- D. 1115.625

Q20 Mathematics

Which of the following numbers divides 3,27,087?

- A. 8
- B. 3 ✓
- C. 12
- D. 5

Q21 Mathematics

Sapna invested ₹21,700 on simple interest, partly at 3% per annum and partly at 12% per annum. If she earns equal interests from the two investments after 7 years, then find the sum invested at 3% per annum (in ₹).

- A. 17,360 ✓
- B. 17,357
- C. 17,358
- D. 17,361

Q24 Mathematics

Simplify: $\frac{\sin A \tan A}{(1 - \cos A)}$

- A. $1 + \operatorname{cosec} A$
- B. $1 + \cos A$
- C. $1 + \sec A$ ✓
- D. $1 + \sin A$

Q25 Mathematics

Find the value of x satisfying: $5(5x^2 - 6) - 5(5x^2 + 2x - 4) = 20$

- A. 2
- B. -1
- C. -3 ✓
- D. 1

Q22 Mathematics

Mahesh bought some sharpeners at the rate of ₹150 a dozen. He sold them for ₹41 each. His profit percentage is ____%.

- A. 232
- B. 226
- C. 228 ✓
- D. 230

Q23 Mathematics

A man makes a monthly payment equal to 30% of his monthly salary towards debt repayment. He spends 20% of the remaining salary and saves ₹602. His monthly salary (in ₹) is:

- A. 1,115
- B. 1,075 ✓
- C. 1,078
- D. 1,072



Q26 Mathematics

Pipe A can fill a tank in 12 hours, pipe B can fill the same tank in 22 hours and pipe C can fill the same tank in 8 hours. The time taken by them to fill the same tank if they operate together is::

A. $2\frac{63}{67}$ hours

B. $3\frac{63}{67}$ hours ✓

C. $5\frac{63}{67}$ hours

D. $4\frac{63}{67}$ hours

Q27 Mathematics

By selling an article at $\frac{6}{15}$ of its actual selling price, Nirbhay incurs a loss of 14%.

If he sells it at 54% of its actual selling price, then the profit percentage is:

A. 16.1% ✓

B. 18.7%

C. 16.5%

D. 18.4%

Q28 Mathematics

ABCD is a trapezium in which $BC \parallel AD$ and $AC = CD$. If $\angle ABC = 74^\circ$ and $\angle BAC = 54^\circ$, then what is the measure of $\angle ACD$ (in degree)?

A. 85°

B. 91°

C. 76° ✓

D. 82°

Q29 Mathematics

The perimeter of an equilateral triangle ABC is 22.2 cm. What is the area of triangle (in cm^2)?

A. $11.36\sqrt{3}$

B. $14.93\sqrt{3}$

C. $12.76\sqrt{3}$

D. $13.69\sqrt{3}$ ✓



Q30 Mathematics

A sum of ₹15,625 amounts to ₹24,389 in 3 years at a certain rate of interest per annum, compounded annually. The rate of interest per annum is:

A. 14%

B. 15%

C. 19%

D. 16%

**General Intelligence & Reasoning**

30 Questions • Answer Key

Q31 General Intelligence & Reasoning

Refer to the following number and symbol series and answer the question that follows. All numbers are single-digit. Counting to be done from left to right only.

(Left) 4 6 @ 2 & % 8 \$ 7 + 1 * £ 5 & 3 Ω 9 # (Right)

How many such symbols are there each of which is immediately preceded by a number and also immediately followed by another number?

A. 3

B. 1

C. 2

D. 5

**Q32 General Intelligence & Reasoning**

If 1 is subtracted from each odd digit of the number 95423671, then what will be the product of the digits that are repeated more than once in the new number formed?

A. 48



B. 8

C. 16

D. 24

Q33 General Intelligence & Reasoning

In a row of 151 students facing north, Mr. Into is 12th from the right end. If Mr. Toni is 16th to the left of Mr. Into; what is Mr. Toni's position from the left end of the line?

A. 124th



B. 123rd

C. 125th

D. 126th

Q34 General Intelligence & Reasoning

Seven boxes D, E, F, G, H, I and X are kept one over the other but not necessarily in the same order. Only F is kept above I. Only X is kept between I and E. Only H is kept below G. How many boxes are kept between D and F?

A. Two

B. Three



C. One

D. Four

Q35 General Intelligence & Reasoning

Kabir ranked 27th from the top and 34th from the bottom in his class. How many students are there in his class?

A. 60



B. 61

C. 59

D. 62

Q36 General Intelligence & Reasoning

Seven people, I, J, K, L, M, N and O are sitting in a row, facing north. Only two people sit between J and I. Only M sits to the right of K. Only one person sits between I and K. O sits at some place to the right of L but at some place to the left of N. How many people sit between N and L?

A. One

B. Four

C. Two



D. Three



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Q37 General Intelligence & Reasoning

XAYA is related to BECE in a certain way based on the English alphabetical order. In the same way, GJHJ is related to KNLN. To which of the given options is MPNP related, following the same logic?

A. QSQT

B. QTRT



C. QTQT

D. QUQV

Q38 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series?

23 ? 46 59 73 88

A. 34



B. 36

C. 30

D. 42

Q39 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. NE-HL

B. JA-DG



C. LC-FJ

D. PG-JN

Q40 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which is the letter-cluster pair that DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. HX-DF

B. VL-RT

C. CS-YA

D. BR-XE

**Q41 General Intelligence & Reasoning**

What should come in place of the question mark (?) in the given series?

50 61 78 101 132 173 ?

A. 201

B. 220



C. 221

D. 210

Q42 General Intelligence & Reasoning

Refer to the following letter-symbol series and answer the question that follows. Counting is to be done from left to right only.

(Left) 7 1 \$ % 3 \$ % 8 < 7 8 1 8 # < 7 @ * 5 5 + (Right)

How many such numbers are there, each of which is immediately preceded by a symbol and also immediately followed by a symbol?

A. Two

B. Four

C. One



D. Three

Q43 General Intelligence & Reasoning

Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

BD 99 GI 97 LN 93 QS 87 ?

A. UW 77

B. VX 79



C. VW 77

D. TV 79

Q44 General Intelligence & Reasoning

Seven people, I, J, K, L, U, V and W are sitting in a row, facing north.

No one sits to the left of V. Only four people sit between V and I. Only three people sit to the right of K. J sits to the immediate left of W. L is not an immediate neighbour of K. Who sits at the rightmost end of the line?

A. L



B. W

C. K

D. I



Q45 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series?

96 102 104 110 112 ?

A. 120

B. 119

C. 118



D. 116

Q46 General Intelligence & Reasoning

VXZA is related to WYAB in a certain way based on the English alphabetical order. In the same way, YACD is related to ZBDE. To which of the following is BDFG related, following the same logic?

A. CEFH

B. CEGH



C. CDFH

D. CFFH

Q47 General Intelligence & Reasoning

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.

Statements: All kiwis are bananas. All bananas are grapes.

Conclusions (I): All kiwis are grapes.

Conclusions (II): Some grapes are bananas.

A. Both conclusions (I) and (II) follow.



B. Only conclusion (I) follows.

C. Only conclusion (II) follows.

D. Neither conclusion (I) nor (II) follows.

Q48 General Intelligence & Reasoning

In the following number-pairs, the second number is obtained by applying certain mathematical operation(s) to the first number. Select the number-pair in which the numbers are related in the same way as are the numbers of the following pairs.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding to/subtracting from/multiplying with 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

15, 224

8, 63

A. 13, 170

B. 11, 123

C. 9, 80



D. 6, 37

Q49 General Intelligence & Reasoning

URKE is related to ZWPJ in a certain way based on the English alphabetical order. In the same way, OLEY is related to TQJD. To which of the given options is DATN related, following the same logic?

A. IFYS



B. IUOP

C. IFSY

D. IYSF

Q50 General Intelligence & Reasoning

What will come in the place of the question mark (?) in the following equation, if '+' and '÷' are interchanged, and '-' and 'x' are interchanged?

$13 - 2 \times 75 + 3 \div 24 = ?$

A. 38

B. 46

C. 34

D. 25



Q51 General Intelligence & Reasoning

Mohit starts from Point Y and drives 35 km towards north. He then takes a right turn, drives 83 km, turns right and drives 49 km. He then takes a right turn and drives 36 km. He takes a right turn, drives 76 km. He then turns left, drives 47 km, turns left again, drives 21 km and stops at Point Z. How far (shortest distance) and towards which direction should he drive in order to reach Point Y again? (All turns are 90° turns only unless specified.)

- A. 43 km towards east
- B. 41 km towards south
- C. 39 km towards north
- D. 37 km towards west

Q52 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series based on the English alphabetical order?

WJO, BHR, GFU, ?, QBA

- A. LDC
- B. LWC
- C. LMX
- D. LDX

Q53 General Intelligence & Reasoning

In a certain code language, 'the glass broke' is written as 'al tk jb' and 'answer the question' is coded as 'mo jb tu'. How is 'the' coded in the given language?

- A. tk
- B. jb
- C. al
- D. mo

Q54 General Intelligence & Reasoning

B is the father of O. O is the wife of A. A is the brother of T. T is the daughter of S. How is B related to S?

- A. Son's wife's sister
- B. Son's wife's father
- C. Son's wife's brother
- D. Son's wife's mother

Q55 General Intelligence & Reasoning

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.

Statements:

Some lipsticks are tabs.
No tab is a kite.

Conclusions:

(I): Some lipsticks are kites.
(II): Some tabs are lipsticks.

- A. Only conclusion (II) follows.
- B. Both conclusions (I) and (II) follow.
- C. Neither conclusion (I) nor (II) follows.
- D. Only conclusion (I) follows.

Q56 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

- A. YBZ
- B. ORP
- C. EHF
- D. MPO

Q57 General Intelligence & Reasoning

What will come in place of the question mark (?) in the following equation, if '+' and 'x' are interchanged and '-' and '÷' are interchanged?

$$8 + 5 \div 40 - 4 \times 17 = ?$$

- A. 47
- B. 40
- C. 58
- D. 52

Q58 General Intelligence & Reasoning

In a certain code language, 'MORE' is coded as '1432' and 'MOVE' is coded as '3254'. What is the code for 'V' in the given code language?

- A. 1
- B. 5
- C. 3
- D. 4



Q59 General Intelligence & Reasoning

Mr. Tim starts from point A and drives 9 km towards the west. He then takes a left turn, drives 3 km, turns right and drives 11 km. He then takes a right turn and drives 4 km. He takes a final right turn, drives 20 km and stops at Point P. How far (shortest distance) and in which direction should he drive in order to reach Point A again? (All turns are 90-degree turns only unless specified.)

- A. 2 km to the south
- B. 3 km to the south
- C. 4 km to the east
- D. 1 km to the south

**Q60 General Intelligence & Reasoning**

Which of the following options is the closest approximate value that will come in place of question mark (?) in the following equation?

$$\sqrt[3]{63.998} + \frac{5}{4} \text{ of } 120.01\% \text{ of } 399.89 - 29.99 \div 3.01 = ?$$

- A. 494
- B. 544
- C. 594
- D. 449

**General Awareness**

40 Questions • Answer Key

Q61 General Awareness

Which district became the first in India to meet its entire power demand through solar energy, as of 2025?

- A. Diu
- B. Kavaratti
- C. Leh
- D. Silvassa

**Q63 General Awareness**

Which of the following films is considered the first Indian sound (talkie) film, marking the beginning of Bollywood?

- A. Mughal-e-Azam
- B. Sholay
- C. Raja Harishchandra
- D. Alam Ara

**Q62 General Awareness**

Which Constitutional Amendment Act abolished the provision for nominating members from the Anglo-Indian community to the State Legislative Assemblies?

- A. 101st Amendment Act, 2016
- B. 105th Amendment Act, 2021
- C. 104th Amendment Act, 2019
- D. 102nd Amendment Act, 2018

**Q64 General Awareness**

The Eleventh Schedule of the Indian Constitution lists various subjects. Which level of government are these subjects intended for?

- A. Panchayati Raj Institutions (village/local level)
- B. Central Government (Union ministries)
- C. Urban Municipal Corporations
- D. State Governments (State legislative matters)



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Q65 General Awareness

Which fundamental law of chemistry is illustrated by the fact that hydrogen and oxygen always combine in a fixed 1 : 8 mass ratio to form water?

- A. Dalton's Atomic Theory
- B. Law of Multiple Proportions
- C. Law of Conservation of Energy
- D. Law of Constant Proportions

Q66 General Awareness

What does the abbreviation 'PCB' stand for in operating systems?

- A. Process Control Block
- B. Primary Communication Bus
- C. Program Control Block
- D. Process Communication Block

Q67 General Awareness

Which organisation's support was crucial in India's globalisation process post 1991 economic crisis?

- A. IMF
- B. UNICEF
- C. WHO
- D. UNESCO

Q68 General Awareness

'Milind Panho' is a post-Mauryan text which contains the conversations between the Indo-Greek ruler Menander and the scholar and Buddhist monk _____.

- A. Nagasena
- B. Kapila
- C. Patanjali
- D. Badarayana

Q69 General Awareness

Who among the following had given the idea to mobilise all the leading Indian political leaders under a common platform called the Indian National Congress?

- A. A O Hume
- B. Surendranath Bannerjee
- C. Ananda Mohan Bose
- D. W C Bannerjee

Q70 General Awareness

Which of the following options best represents the predictions of a Punnett square?

- A. DNA sequence in parents
- B. Genotype and phenotype probabilities
- C. Genetic mutations over several generations
- D. Genetic linkage relationships in siblings

Q71 General Awareness

Which of the following kings of Kalinga in the 2nd century B.C. professed Jainism in India?

- A. Samprati
- B. Ashoka
- C. Bindusara
- D. Kharavela

Q72 General Awareness

When did Donald Trump officially take office as the 47th President of the United States?

- A. 20 January 2025
- B. 4 March 2025
- C. 1 February 2025
- D. 6 January 2025

Q73 General Awareness

Which edition of the BIMSTEC Summit in Thailand did the Indian Prime Minister attend on 4 April 2025?

- A. 7th
- B. 6th
- C. 8th
- D. 5th

Q74 General Awareness

Which of the following coast lies in Karnataka and Kerala states?

- A. Kachchh coast
- B. Kathiawar coast
- C. Konkan coast
- D. Malabar coast



Q75 General Awareness

What special provision is granted under Article 371J of the Indian Constitution?

- A. Creation of a common High Court for the northeastern states
- B. Special status for the Hyderabad–Karnataka region ✓
- C. Special powers to the Governor of Manipur for law and order
- D. Provision for official language use in Goa and Daman and Diu

Q76 General Awareness

Which of the following is a national waterway between Haldia (Sagar) and Prayagraj?

- A. National Waterways 2
- B. National Waterways 1 ✓
- C. National Waterways 3
- D. National Waterways 4

Q77 General Awareness

Which British policy promoted English education to create a loyal class serving British interests in India?

- A. Subsidiary Alliance
- B. Divide and Rule
- C. Trade Policy
- D. Education Policy ✓

Q78 General Awareness

Which organisation has released the India Justice Report (IJR) in April 2025?

- A. Ambedkar Trusts
- B. National Trusts
- C. Tata Trusts ✓
- D. Bombay Public Trusts

Q79 General Awareness

Tussocky grass grows mainly in which type of forests?

- A. Evergreen forests
- B. Tropical Thorn forests ✓
- C. Tropical Deciduous forests
- D. Montane forests

Q80 General Awareness

What significant milestone did Pixxel achieve with its 2025 space launch?

- A. Construction of a domestic space observatory
- B. India's first lunar lander by a startup
- C. Launch of the first private satellite constellation from India ✓
- D. Launch of a reusable rocket

Q81 General Awareness

Which of the following is the function of the Central Processing Unit (CPU) in a computer?

- A. It stores all user files permanently.
- B. It processes data and controls operations of all parts of the computer. ✓
- C. It receives input from the keyboard and mouse only.
- D. It sends output to printers and monitors.

Q82 General Awareness

In how many cities of Bihar were the Khelo India Youth Games 2025 held?

- A. 3
- B. 5 ✓
- C. 6
- D. 4

Q83 General Awareness

Which of the following DOES NOT produce Greenhouse gases?

- A. Diesel generator
- B. Tidal energy ✓
- C. Natural gas transport fuel
- D. Thermal power plant

Q84 General Awareness

What is the name of the Act that governs the rules and service conditions of All-India Services?

- A. Indian Services Governance Act, 1955
- B. All-India Civil Act, 1950
- C. All-India Services Act, 1951 ✓
- D. Civil Services Regulation Act, 1946



Q85 General Awareness

Which Latin American country became the first to pull out of China's Belt and Road Initiative in February 2025?

- A. Argentina
- B. Panama
- C. Chile
- D. Brazil

Q86 General Awareness

Who laid the foundation stone of the Bageshwar Dham Medical and Science Research Institute in Madhya Pradesh?

- A. JP Nadda
- B. Mohan Yadav
- C. Narendra Modi
- D. Mangubhai C Patel

Q87 General Awareness

The main objective of British economic policies in India was to:

- A. promote Indian self-sufficiency
- B. support rural employment
- C. industrialise India
- D. benefit the British economy

Q88 General Awareness

Which of the following is NOT a feature of India's federal system, thereby reflecting its unitary character?

- A. Requirement of some Constitutional Amendments to be ratified by States
- B. An upper house of Parliament (Rajya Sabha) representing the states
- C. Single citizenship for the entire country
- D. Division of powers between the Centre and States

Q89 General Awareness

In dry areas, water from underground comes up through the soil by capillary action and dries quickly, leaving salts behind. These salts form a hard layer called:

- A. pedalfer
- B. hardpans
- C. laterite
- D. granite

Q90 General Awareness

Each modern industrialised country, including India, has a National Metrology Institute (NMI). What is the main role of an NMI?

- A. To maintain standards of measurements
- B. To monitor weather conditions
- C. To conduct medical research
- D. To regulate internet access in the country

Q91 General Awareness

When were Bahadur Shah Zafar and his wife Begum Zinat Mahal sent to prison in Rangoon?

- A. January 1859
- B. April 1857
- C. October 1857
- D. October 1858

Q92 General Awareness

Colonial policies significantly altered India's trade structure. Which of the following best describes India's foreign trade pattern at the time of independence?

- A. Export of capital goods and import of consumer goods
- B. Balanced trade between agriculture and industry
- C. Export of finished goods and import of raw materials
- D. Export of raw materials and import of manufactured goods

Q93 General Awareness

In February 2025, a self-cleaning, flexible heating fabric was developed by _____.

- A. IIT Delhi
- B. IIT Bombay
- C. IIT Guwahati
- D. IIT Madras

Q94 General Awareness

Which Indian city, also called the 'Detroit of India,' hosts manufacturers like Hyundai, BMW, Ford and Ashok Leyland, making it a major automotive hub?

- A. Chennai
- B. Sanand
- C. Gurugram
- D. Pune



Q95 General Awareness

Which Amendment gave Constitutional recognition to the National Commission for Backward Classes (NCBC)?

- A. 100th Amendment Act, 2015
- B. 102nd Amendment Act, 2018 ✓
- C. 98th Amendment Act, 2013
- D. 99th Amendment Act, 2014

Q96 General Awareness

The Government conducted a crocodile census in the Vishwamitri River to estimate the population of mugger crocodiles. In which state is the Vishwamitri River located?

- A. Maharashtra
- B. Madhya Pradesh
- C. Gujarat ✓
- D. Rajasthan

Q97 General Awareness

Which of the following was a major criticism of the Green Revolution in India?

- A. It led to regional and crop imbalances. ✓
- B. It reduced agricultural output.
- C. It promoted organic farming.
- D. It discouraged use of technology.

Q98 General Awareness

Manimekali, a notable work within early Tamil literature, is categorised as which type of literary composition?

- A. An Epic ✓
- B. A Treatise
- C. An Autobiography
- D. A Memoir

Q99 General Awareness

Which Indian sprinter made a successful comeback by winning a silver medal in the women's 4×100m relay at the 2025 Asian Athletics Championships?

- A. Srabani Nanda ✓
- B. Dutee Chand
- C. Dhanalakshmi Sekar
- D. Hima Das

Q100 General Awareness

Dr. Justice DY Chandrachud, former Chief Justice of India, joined which of the following institutions in May 2025 as a distinguished professor?

- A. National Law University, Delhi (NLUD) ✓
- B. Faculty of Law, University of Delhi (DU)
- C. Guru Gobind Singh Indraprastha University (GGSIPU)
- D. Indian Law Institute (ILI)



Mathematics

30 Questions • Answer Key

Q1 Mathematics

If the third proportional of 4 and 22 be x , then what is the value of x ?

A. 121



B. 122

C. 123

D. 119

Q2 Mathematics

If the interest earned during the 2nd year on a certain sum is ₹5,214, and the rate of interest is 10% per annum compounded annually, then the sum is:

A. ₹46,650

B. ₹47,755

C. ₹47,320

D. ₹47,400



Q3 Mathematics

The average runs scored by a batsman in 23 matches is 42. In the next 10 matches, the batsman scored an average of 14 runs. Find his average runs scored (rounded off to two decimal places) in all the 33 matches.

A. 35.52

B. 32.52

C. 34.52

D. 33.52



Q4 Mathematics

The income of Raman is ₹60,500. He saves 26% of his income. If his income increases by 17% and expenditure increases by 50%, then his savings will:

A. increase by ₹12,099

B. decrease by ₹12,095

C. increase by ₹12,098

D. decrease by ₹12,100



Q5 Mathematics

Which of the following numbers is divisible by 22?

A. 6136901

B. 6580350

C. 8132950

D. 7467614



Q6 Mathematics

The product of two positive numbers is 10125. If the first number is five times the second number, then the sum of the two numbers is:

A. 265

B. 270



C. 286

D. 264

Q7 Mathematics

The sum of two numbers is 52 and their LCM is 627. The two numbers are:

A. 17, 35

B. 12, 40

C. 19, 33



D. 24, 28

Q8 Mathematics

Mr. Sharma, Mr. Gupta and Ms. Sinha invested ₹4,000, ₹8,000 and ₹6,000, respectively, in a business. Mr. Sharma left the business after 6 months. If after 8 months, there was a gain of ₹34,000, then what will be the share of Mr. Gupta?

A. ₹20,000

B. ₹12,000

C. ₹16,000



D. ₹14,000



Q9 Mathematics

The HCF and LCM of two numbers are 11 and 792, respectively. If one number is 88, then find the other number.

- A. 93
- B. 97
- C. 89
- D. 99

**Q10 Mathematics**

Five solid cubes, each of volume 3375 cm^3 , are joined end to end to form a cuboid. What is the lateral surface area (in cm^2) of the cuboid?

- A. 2694
- B. 2700
- C. 2409
- D. 2801

**Q11 Mathematics**

A mobile phone is marked at ₹20,000. During a festive sale, a store offers two successive discounts — 15% first and then 10%. What is the final selling price of the mobile?

- A. ₹15,500
- B. ₹15,300
- C. ₹16,000
- D. ₹15,000

**Q12 Mathematics**

The sum of five numbers is 655. The average of the first two numbers is 80 and the third number is 102. Find the average of the remaining two numbers.

- A. 196.5
- B. 183
- C. 197.5
- D. 182

**Q13 Mathematics**

In covering a distance of 156 km, Abhay takes 5 hours more than Sameer. If Abhay doubles his speed, then he would take 8 hours less than Sameer. Abhay's speed is:

- A. 1 km/hr
- B. 7 km/hr
- C. 6 km/hr
- D. 16 km/hr

**Q14 Mathematics**

A man driving a car at a speed of 67 km/hr crosses a bridge in 3 minutes. Find the length of the bridge.

- A. 2.51 km
- B. 2.46 km
- C. 3.35 km
- D. 2.84 km

**Q15 Mathematics**

If 2 times the age of Ram is 14 years more than 6 times the age of Ramya, and 4 times the age of Ramya is 4 years less than the age of Ram, then what is the difference (in years) between the ages of Ram and Ramya?

- A. 14
- B. 17
- C. 13
- D. 15

**Q16 Mathematics**

If the 6-digit number N01M22 is divisible by 11, then which of the options below can give a possible correct relation between M and N?

- A. $M = N$
- B. $M + N = -1$
- C. $M - N = 1$
- D. $M - N = 5$

**Q17 Mathematics**

Kushal and Brijesh together invested ₹63,300 in a business. At the end of the year, out of a total profit of ₹17,600, Brijesh's share was ₹2,200. What was the difference between their investments?

- A. ₹47,475
- B. ₹45,979
- C. ₹46,154
- D. ₹48,876

**Q18 Mathematics**

A number, when decreased by 7%, gives 3720. The number is:

- A. 2000
- B. 8000
- C. 4000
- D. 12000



Q19 Mathematics

If the difference between an interior angle and exterior angle of a regular polygon is 140° , then the number of sides of the polygon is equal to:

A. 18



B. 12

C. 14

D. 16

Q20 Mathematics

A company offers three schemes of successive discounts.

First: 25%, 10%

Second: 20 %, 15%

Third: 30%, 5%

Which scheme is best for the company?

A. First scheme

B. All the schemes are same

C. Third scheme

D. Second scheme

**Q21 Mathematics**

Evaluate: $(-9) - (-60) \div (-10) + (-2) \times 6$

A. -29

B. -27



C. -30

D. -26

Q22 Mathematics

Find the simple interest (in ₹) on ₹1,200 at an interest rate of 4% per month for 1 month.

A. ₹48



B. ₹8

C. ₹4

D. ₹24

Q23 Mathematics

Find the surface area (rounded off to the nearest integer) of a sphere of radius 6.5 cm. (Take $\pi = 22/7$)

A. 534 cm²

B. 540 cm²

C. 531 cm²



D. 530 cm²

Q24 Mathematics

The value of $\sqrt{121} + \sqrt{0.0121} - \sqrt{7.84}$ is ____.

A. 3.9

B. 7.73

C. 8.31



D. 10.34



Q25 Mathematics

Anjali can do a certain piece of work in 21 days. Anjali and Ayushi can together do the same work in 12 days, and Anjali, Ayushi and Ankita can do the same work together in 8 days. In how many days can Anjali and Ankita do the same work?

A. $\frac{56}{5}$



B. $\frac{57}{7}$

C. $\frac{47}{6}$

D. $\frac{48}{5}$

Q26 Mathematics

If $M = \sqrt{\frac{1 + \cos A}{1 - \cos A}} - \operatorname{cosec} A - \cot A$, and A is an acute angle, then value of M is

A. 2

B. 1

C. 0



D. -1

Q27 Mathematics

Simplify: $3 \left(\left(\frac{7}{3} \right) x^2 - 22x + 19 \right) - 7(x^2 + 9x - 14)$

A. $-129x + 155$



B. $129x + 155$

C. $129x - 155$

D. $-129x - 155$

Q28 Mathematics

Manisha bought a toy for ₹940, decorated it at a cost of ₹10 and sold the toy for ₹659. Find the loss or profit percentage.

A. $\frac{592}{19} \% \text{ profit}$

B. $\frac{582}{19} \% \text{ profit}$

C. $582 \% \text{ loss}$

D. $\frac{582}{19} \% \text{ loss}$



Q29 Mathematics

Pipe A can fill a tank in 13 hours, pipe B can fill the same tank in 29 hours and pipe C can fill the same tank in 10 hours. The time taken by them to fill the same tank if they operate together is::

A. $3\frac{582}{797}$ hours

B. $10\frac{582}{797}$ hours

C. $11\frac{582}{797}$ hours

D. $4\frac{582}{797}$ hours

**Q30 Mathematics**

A trader claims to sell pulses at a profit of 3%, but also dishonestly uses a weight which is 15% less than what is mentioned on it. Find the total percentage of profit earned by the trader. (Round off the answer to the nearest whole number.)

A. 20%

B. 26%

C. 21%

D. 16%

**General Intelligence & Reasoning**

30 Questions • Answer Key

Q31 General Intelligence & Reasoning

Each of the digits in the number 7231456 is arranged in ascending order from left to right. What will be the sum of the digits which are second from the left and second from the right in the new number thus formed?

A. 8



B. 10

C. 7

D. 5

Q32 General Intelligence & Reasoning

Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding to/subtracting from/multiplying with 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(196, 142, 338)

(145, 198, 343)

A. (184, 130, 318)

B. (183, 209, 392)



C. (149, 152, 300)

D. (164, 178, 352)



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Q33 General Intelligence & Reasoning

Seven boxes, A, B, C, D, E, F and G, are kept one over the other but not necessarily in the same order. Only F is kept above A. Only two boxes are kept between A and D. Only B is kept below C. G is not kept immediately above D.

How many boxes are kept between B and E?

A. 3

B. 1

C. 2



D. 4

Q34 General Intelligence & Reasoning

Seven boxes F, G, H, M, N, O and P are kept one over the other but not necessarily in the same order. Only three boxes are kept below H. Only two boxes are kept between H and O. Only N is kept above G. F is kept at some place below M and at some place above P.

Which box is kept at second position from the bottom?

A. G

B. N

C. F

D. P

**Q35 General Intelligence & Reasoning**

FNJG is related to DLHE in a certain way based on the English alphabetical order. In the same way, IQMJ is related to GOKH. To which of the given options is MUQN related, following the same logic?

A. SKOL

B. KSOL



C. KSLO

D. SKLO

Q36 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. MO-RK

B. GI-LE

C. DF-IC



D. JL-OH

Q37 General Intelligence & Reasoning

What should come in place of ? in the given series based on the English alphabetical order?

BJS CLT DNU EPV ?

A. GRV

B. FRV

C. FRW



D. GSV

Q38 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series?

195 189 180 174 165 159 ?

A. 155

B. 150



C. 153

D. 149

Q39 General Intelligence & Reasoning

What will come in the place of the question mark (?) in the following equation, if '÷' and '×' are interchanged and '-' and '+' are interchanged?

$117 + 16 - 10 \times 2 \div 2 - 68 + 10 \times 5 - 9 = ?$

A. 168

B. 186



C. 124

D. 96

Q40 General Intelligence & Reasoning

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements: Some kites are hats. No hat is a ant.

Conclusion (I): Some kites are ants.

Conclusion (II): Some hats are kites.

A. Both conclusions (I) and (II) follow.

B. Neither conclusion (I) nor (II) follows.

C. Only conclusion (II) follows.



D. Only conclusion (I) follows.



Q41 General Intelligence & Reasoning

In a certain code language, 'GLUE' is coded as '4627' and 'LOAD' is coded as '1375'. What is the code for 'L' in the given code language?

A. 3

B. 6

C. 1

D. 7

**Q42 General Intelligence & Reasoning**

If + means 'subtraction', - means 'division', ÷ means 'multiplication', × means 'addition', then what will come in place of the question mark (?) in the following equation?

$$9 - 3 \times 756 + 84 \div 3 = ?$$

A. 510

B. 507



C. 509

D. 508

Q43 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series?

1200, 1200, 1800, 3600, 9000, ?

A. 18000

B. 15000

C. 27000



D. 12000

Q44 General Intelligence & Reasoning

In the following triads, each group of letters is related to the subsequent one following a certain logic. Select from the given options, the one which follows the same logic.

BURN - BNRU - NRUB

SONG - SGNO - GNOS

A. RAIL - ARIL - LAIR

B. CODE - COED - ODEC

C. CAME - CEMA - EMAC



D. WINK - WNIK - KNIW

Q45 General Intelligence & Reasoning

Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only. (Note: All numbers are single digit numbers only.)

(Left) 4 7 + \$ 1 * £ 3 & % 5 @ Ω 6 2 9 # 8 (Right)

How many such numbers are there each of which is immediately preceded by a symbol and also immediately followed by another symbol?

A. 3



B. 2

C. 5

D. 4

Q46 General Intelligence & Reasoning

If 2 is added to each odd digit and 1 is subtracted from each even digit in the number 2736158, what will be the sum of the digits that are third from the left and third from the right in the new number thus formed?

A. 7

B. 12

C. 8



D. 10

Q47 General Intelligence & Reasoning

Select the pair that follows the same pattern as that followed by the two pairs given below. Both pairs follow the same pattern.

TYP : UZQ

ETQ : FUR

A. UIP : VJR

B. ELA : FCD

C. OUT : PVU



D. WER : ZFS

Q48 General Intelligence & Reasoning

Seven people A, B, C, D, E, F and G are sitting in a row, facing north.

Only two people sit between D and C. Only G sits to the right of E. Only one person sits between C and E. A sits at some place to the right of F but at some place to the left of B. How many people sit to the right of A?

A. 5

B. 4



C. 3

D. 2



Q49 General Intelligence & Reasoning

In a certain code language, 'DEAR' is coded as '4627' and 'TURN' is coded as '1375'. What is the code for 'R' in the given code language?

A. 1

B. 6

C. 7



D. 5

Q50 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series based on the English alphabetical order?

RUM ORJ LOG ILD ?

A. FJB

B. FIB

C. FJA

D. FIA

**Q51 General Intelligence & Reasoning**

D is married to N. K is the daughter of X. X is the father of D. D is the mother of G. G is the brother of I. I is the sister of E. I is married to H. How is X related to E?

A. Mother's father



B. Father

C. Father's father

D. Husband's father

Q52 General Intelligence & Reasoning

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.

Statements:

All actors are dancers.
Some dancers are singers.

Conclusions:

(I) All dancers are actors.
(II) No singer is a dancer.

A. Only conclusion (I) follows.

B. Both conclusions (I) and (II) follow.

C. Neither conclusion (I) nor (II) follows.



D. Only conclusion (II) follows.

Q53 General Intelligence & Reasoning

Atul starts from his home and drives 5 km towards north. He then takes a left turn, drives 6 km, turns left, and drives 4 km. He then takes a right turn and drives 5 km and reaches his office. In which direction is the office with respect to his home?

(Note: All turns are 90° turns only, unless specified.)

A. North

B. West

C. East

D. North-west

**Q54 General Intelligence & Reasoning**

Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster pair.)

A. GC-OK

B. HD-PL

C. NJ-VR

D. TP-AX

**Q55 General Intelligence & Reasoning**

Seven boxes A, B, C, D, E, F and G are kept one over the other but not necessarily in the same order. Only three boxes are kept below G. Only two boxes are kept between G and B. Only A is kept above F. E is kept at some place below D and at some place above C. How many boxes are kept above E?

A. 2

B. 3

C. 4



D. 1

Q56 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series?

31 42 57 76 99 ?

A. 127

B. 128

C. 125

D. 126



Q57 General Intelligence & Reasoning

Refer to the following number and symbol series and answer the question that follows. All numbers are single-digits. Counting to be done from left to right only.

(Left) & 1 # 6 * ^ @ 3 & \$ 7 Ω \$ 2 # 6 @ 2 % 9 (Right)

If all the symbols are dropped from the series, which of the following will be third from the left?

A. 6

B. 1

C. 7

D. 3

**Q58 General Intelligence & Reasoning**

Seven people, A, B, C, D, P, Q and R, are sitting in a row, facing north.

Only two people sit between Q and R. Only D sits to the right of A. Only one person sits between R and A. B sits at some place to the right of P but at some place to the left of C.

How many people sit between C and P?

A. Two



B. Four

C. One

D. Three

Q59 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. TYD

B. INS

C. QBA



D. UZE

Q60 General Intelligence & Reasoning

Prabash starts from Point A and drives 6 km towards east. He then takes a left turn, drives 4 km, turns left and drives 9 km. He then takes a left turn and drives 7 km. He takes a final left turn, drives 3 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (Note: All turns are 90-degree turns only unless specified.)

A. 2 km to the north

B. 3 km to the north



C. 1 km to the north

D. 4 km to the north

General Awareness

40 Questions • Answer Key

Q61 General Awareness

On 25 April 2025, DRDO achieved a significant milestone by conducting a long-duration ground test of an active cooled scramjet subscale combustor. How long did this test last?

A. 500 seconds

B. 1,500 seconds

C. 1,000 seconds



D. 120 seconds

Q63 General Awareness

The 12th edition of the Global Terrorism Report Index (GTI) 2025 was published by ____.

A. The UN Counter-Terrorism Centre

B. The United Nations Office to Counter Terrorism

C. The United Nations Office on Drugs and Crime

D. The Institute of Economic and Peace

**Q62 General Awareness**

Pondicherry was captured by the Dutch in 1693 but was returned to the French company by the Treaty of Ryswick in ____.

A. 1741

B. 1699



C. 1704

D. 1696

Q64 General Awareness

What is the value of one roentgen (R) when expressed in SI units?

A. 1.6×10^{-19} coulombs

B. 1.0×10^{-3} grays

C. 3.7×10^{10} disintegrations per second

D. 2.58×10^{-4} coulombs per kilogram



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Q65 General Awareness

Which of the following Committees is a Standing Committee of the Parliament?

- A. Joint Parliamentary Committee on 2G Spectrum
- B. Select Committee on a Bill
- C. Public Accounts Committee ✓
- D. Delimitation Commission

Q66 General Awareness

Which of the following statements regarding the Ryotwari settlement is correct?

1. It was developed by Thomas Munro.
2. The settlement was made directly with the cultivators, not zamindars.
3. It was tested on a small scale in the annexed territories of Tipu.
4. Finding it successful, it was then applied in the Ganga plains.

Select the correct combination:

- A. 1, 2 and 3 only ✓
- B. 1 and 2 only
- C. 1 only
- D. 1, 2, 3 and 4

Q67 General Awareness

Jhumur, a traditional folk dance, originated in which of the following Indian states?

- A. Gujarat
- B. Kerala
- C. Assam ✓
- D. Punjab

Q68 General Awareness

Littoral forests are most associated with which kind of ecosystem?

- A. Grassland ecosystem
- B. Desert ecosystem
- C. Wetland ecosystem ✓
- D. Tundra ecosystem

Q69 General Awareness

Which of the following was NOT a reason for the Paleolithic people to move from place to place?

- A. Movement of prey animals
- B. Failure of crops ✓
- C. Resource exhaustion
- D. Seasonal changes

Q70 General Awareness

What is 'Google Beam' introduced under Project Starline?

- A. A language translation tool for real-time communication
- B. An AI-powered video communication platform aiming to redefine virtual interactions ✓
- C. A new satellite launched by Google for global internet coverage
- D. A hardware device for enhancing internet speed in rural areas

Q71 General Awareness

What was the main motive of British colonial rule in India?

- A. Industrialisation of India
- B. Welfare of Indian farmers
- C. Social development of India
- D. Economic exploitation of India ✓

Q72 General Awareness

Which constitutional Articles ensure the writ jurisdiction of the Supreme Court and High Courts for enforcing fundamental rights, including RTI?

- A. Articles 21 and 39
- B. Articles 32 and 226 ✓
- C. Articles 14 and 15
- D. Articles 51 and 356

Q73 General Awareness

How many Khelo India centres did the Delhi government propose to establish in June 2025?

- A. Ten
- B. Six ✓
- C. Two
- D. Eight



Q74 General Awareness

Which of the following is responsible for causing convectional rainfall?

- A. Mountains forcing air to rise
- B. Cold and warm air masses meeting
- C. Cyclonic movements
- D. Intense surface heating causing air to rise ✓

Q75 General Awareness

Amir Khusrau is known for contributing to which two languages?

- A. Sanskrit and Tamil
- B. Bengali and Punjabi
- C. Marathi and Gujarati
- D. Persian and Hindavi ✓

Q76 General Awareness

What was the main objective of India's First Five Year Plan (1951–56)?

- A. Privatisation of PSUs
- B. Agricultural development ✓
- C. Growth of IT services
- D. Heavy industrialisation

Q77 General Awareness

According to the Waqf (Amendment) Bill, 2025, within how many days can an appeal be made in the High Court on the order of the Waqf Tribunal?

- A. 70 days
- B. 90 days ✓
- C. 50 days
- D. 120 days

Q78 General Awareness

The Union Territories Laws (Amendment) Bill, which was introduced in the Lok Sabha on 17 December 2024, amends how many Acts?

- A. 3 ✓
- B. 5
- C. 4
- D. 2

Q79 General Awareness

In which of the following cases did the Supreme Court uphold the Right to Privacy as a Fundamental Right in 2017?

- A. Indira Sawhney vs. Union of India
- B. Shreya Singhal vs. Union of India
- C. Puttaswamy vs. Union of India ✓
- D. Navtej Singh Johar vs. Union of India

Q80 General Awareness

Which Article of the Indian Constitution states that Directive Principles are not enforceable by any court?

- A. Article 38
- B. Article 39
- C. Article 37 ✓
- D. Article 36

Q81 General Awareness

Which of the following elements provides access to system settings, installed programs, and power options from the desktop?

- A. File Explorer
- B. Taskbar
- C. Notification Area
- D. Start Menu ✓

Q82 General Awareness

Which of the following players was named the Men's Player of the Year at the All India Football Federation (AIFF) Awards in May 2025?

- A. Subhasish Bose ✓
- B. Gurpreet Singh Sandhu
- C. Sunil Chhetri
- D. Sandesh Jhingan

Q83 General Awareness

Why is wheat grown in the north-western plains of India?

- A. Because it lies close to the coastal water bodies
- B. Because the region has red soil with limited annual rainfall
- C. Because it receives heavy rainfall during the monsoon
- D. Because the region has fertile alluvial soil and cool winters ✓



Q84 General Awareness

According to Article 335 of the Constitution of India, claims of SCs and STs shall be taken into consideration in matters of:

- A. land acquisition
- B. taxation policies
- C. religious freedom
- D. public employment

**Q85 General Awareness**

Which mode of transport is most suitable for transporting heavy and bulky goods over long distances?

- A. Railways
- B. Airways
- C. Roadways
- D. Pipelines

**Q86 General Awareness**

The introduction of English education in India was promoted through which of the following documents?

- A. Pitts India Act
- B. Macaulay's Minute
- C. Charter Act of 1813
- D. Regulating Act

**Q87 General Awareness**

Who was honoured with the Padma Bhushan in 2025 for their contributions to Indian cinema?

- A. Shekhar Kapur
- B. Mukesh Khanna
- C. Subhash Ghai
- D. Aamir Khan

**Q88 General Awareness**

Which of the following is the most effective step for mitigating the impact of an earthquake?

- A. Flood barriers
- B. Seismic zoning and earthquake-resistant buildings
- C. Deforestation
- D. Water harvesting

**Q89 General Awareness**

Which keyboard button is used as a shortcut to rename a selected file or folder in Windows?

- A. F2
- B. Ctrl
- C. Esc
- D. F5

**Q90 General Awareness**

Which of the following institutes proposed development of world's smallest semiconductors chip in 2025?

- A. BARC
- B. IIT Delhi
- C. Indian Institute of Science
- D. DRDO Research Lab

**Q91 General Awareness**

What did the Supreme Court decide in the Kesavananda Bharati case (1973) about the powers of Parliament to amend the Constitution of India?

- A. The President of India has the ultimate authority to approve or reject constitutional amendments independently.
- B. The Parliament has unlimited power to amend any part of the Constitution, including the Fundamental Rights.
- C. The Parliament can amend the Constitution, but it cannot change or destroy its basic structure or essential features.
- D. The Parliament cannot amend any part of the Constitution under any circumstances.

**Q92 General Awareness**

Who introduced the Railways (Amendment) Bill that was passed in the Rajya Sabha in March 2025?

- A. Hardeep Singh Puri
- B. Sarbananda Sonowal
- C. Ashwini Vaishnaw
- D. Kiren Rijiju



Q93 General Awareness

The Human Development Index emphasises people-centric development. Who is credited with creating the HDI alongside Amartya Sen?

- A. Manmohan Singh
- B. Mahbub ul Haq
- C. Jean Drèze
- D. Kaushik Basu

Q94 General Awareness

What is the name of India's high-resolution weather forecasting system launched in May 2025?

- A. National Weather Grid
- B. India Climate Monitor
- C. Bharat Weather Network
- D. Bharat Forecasting System

Q95 General Awareness

What was the other name of Chandragupta II, the renowned ruler of the Gupta dynasty?

- A. Dhruvasena
- B. Vikramaditya
- C. Suryadeva
- D. Karmaputra

Q96 General Awareness

The Women's Kabaddi World Cup scheduled for June 2025, was announced to be hosted in which location in India?

- A. Rajgir
- B. Chennai
- C. Ahmedabad
- D. Kolkata

Q97 General Awareness

What is the condition for total internal reflection to occur?

- A. Light must travel from a rarer medium to a denser medium at an angle of 90° .
- B. The refractive indices of both media must be equal.
- C. Light must travel from a denser to a rarer medium at an angle greater than the critical angle.
- D. Light must strike the boundary at 90° to the normal separating any two mediums of different refractive indices.

Q98 General Awareness

In which of the following years was the Swarnjayanti Gram Swarozgar Yojana (SGSY) launched with the aim to bring the assisted poor families (Swarozgaris) above the poverty line by organising them into Self Help Groups (SHGs) through a mix of bank credit and government subsidies?

- A. 2003
- B. 1991
- C. 1999
- D. 1994

Q99 General Awareness

What is the primary cause of southwest monsoon in India?

- A. Westerly winds from the Atlantic
- B. Local winds from the desert
- C. Tidal effects
- D. Differential heating of land and sea

Q100 General Awareness

Which of the following best defines impulse in mechanics?

- A. The product of mass and velocity
- B. The product of force and the time for which it acts
- C. The rate of change of momentum multiplied by the distance
- D. The change in displacement over time



Mathematics

30 Questions • Answer Key

Q1 Mathematics

The average runs scored by a batsman in 23 matches is 40. In the next 10 matches, the batsman scored an average of 14 runs. Find his average runs scored (rounded off to two decimal places) in all 33 matches.

- A. 33.12
- B. 31.12
- C. 32.12
- D. 34.12



Q2 Mathematics

If the measure of each interior angle of a regular polygon is 140° , then the number of its diagonals will be:

- A. 16
- B. 25
- C. 20
- D. 27



Q3 Mathematics

If the marked price of a book is ₹900, then find the selling price of the book after getting discount of 13%.

- A. ₹789
- B. ₹891
- C. ₹783
- D. ₹889



Q4 Mathematics

2 men can complete a piece of work in 18 days, while 4 women can do it in 6 days. In how many days can 6 women and 9 men complete this work?

- A. 4 days
- B. 3 days
- C. 1 day
- D. 2 days



Q5 Mathematics

Anaya has to reach Hyderabad which is 574 km away in 18 hours. His starting speed for 11 hours was 36 km/hr. For the next 136 km his speed was 34 km/hr. By what speed he must travel now so as to reach Hyderabad in the decided time of 18 hours?

- A. 8 km/hr
- B. 20 km/hr
- C. 9 km/hr
- D. 14 km/hr



Q6 Mathematics

The cost of 19 pens and 13 pencils is ₹254. If the cost of a pen decreases by ₹6 and the cost of a pencil increases by ₹9, then the cost of 14 pens and 2 pencils is ₹106. What is the original cost of 12 pens and 15 pencils?

- A. ₹174
- B. ₹171
- C. ₹175
- D. ₹173



Q7 Mathematics

The average of three numbers is 20. If two of them are 18 and 28, the third number is:

- A. 13
- B. 14
- C. 16
- D. 15



Q8 Mathematics

If 2 times Mary's present age is 20 years more than 6 times Diya's present age, and 5 times Diya's present age is 6 years less than Mary's present age, then what is the difference (in years) between the ages of Mary and Diya?

- A. 16
- B. 18
- C. 15
- D. 14



Q9 Mathematics

A shopkeeper offers a scheme discount of 20% and an additional 5% discount if payment is made in cash. What is the total discount percentage on ₹1,000?

A. 24%



B. 26%

C. 25%

D. 23%

Q10 Mathematics

If the 6-digit number N73M10 is divisible by 11, then which of the options below can give a possible correct relation between M and N?

A. $M + N = 3$

B. $M - N = 1$

C. $M - N = -3$



D. $M = N$

Q11 Mathematics

Ritik and Sanjay together invested ₹77,600 in a business. At the end of the year, out of a total profit of ₹19,000, Sanjay's share was ₹7,600. What was the difference between their investments?

A. ₹14,343

B. ₹15,520



C. ₹15,928

D. ₹16,401

Q12 Mathematics

A number when increased by 100% gives 2730. The number is:

A. 682.5

B. 2730

C. 4095

D. 1365

**Q13 Mathematics**

Find the mean proportional between 18 and 32.

A. 26

B. 21

C. 23

D. 24

**Q14 Mathematics**

Ritesh and Gauri have to travel from Delhi to Kanpur in their respective cars. Ritesh is driving at 150 km/hr while Gauri is driving at 60 km/hr. Find the time taken by Gauri to reach Kanpur if Ritesh takes 8 hours.

A. 20 hours



B. 30 hours

C. 14 hours

D. 17 hours

Q15 Mathematics

The HCF and the LCM of two numbers are 24 and 288, respectively. If one of the numbers is 72, find the other one.

A. 10

B. 170

C. 20

D. 96

**Q16 Mathematics**

Find the simple interest (in ₹) on ₹1,200 at an interest rate of 4% per month for 2 months.

A. ₹96



B. ₹8

C. ₹16

D. ₹28

Q17 Mathematics

If the length, breadth and height of a room are 10.5 m, 8.5 m and 11 m, respectively, then what is the area (in m^2) of the four walls of the room?

A. 412

B. 416

C. 414

D. 418



Q18 Mathematics

In an election between two candidates, 96% of the registered voters cast their vote and 15% of the votes polled were found invalid. The winning candidate got 80% of the valid votes and won the election by a margin of 1224 votes. How many voters were registered?

A. 2502

B. 2503

C. 2501

D. 2500

**Q19 Mathematics**

Which of the following numbers is divisible by 24?

A. 68,30,908

B. 71,32,968



C. 79,91,987

D. 73,40,390

Q20 Mathematics

The LCM of $2^3 \times 7^2 \times 12$, $2^2 \times 12^2 \times 18$ and $7^3 \times 12^2 \times 18^2$ is:

A. $27 \times 36 \times 73$ B. $27 \times 36 \times 72$ C. $27 \times 36 \times 74$ D. $27 \times 35 \times 73$ **Q21 Mathematics**

An amount of ₹638 is divided among three persons in the ratio of 2 : 5 : 4. The difference between the largest and the smallest shares (in ₹) in the distribution is:

A. 76

B. 110

C. 174



D. 157

Q22 Mathematics

If

$$x = a \operatorname{cosec} A \sin B,$$

$$y = b \operatorname{cosec} A \cos B, \text{ and}$$

$$z = c \cot A,$$

then, what is the value of $\frac{x^2}{a^2} + \frac{y^2}{b^2} - \frac{z^2}{c^2}$?

A. -1

B. 1



C. 0

D. -2

Q23 Mathematics

Pallavi bought a toy for ₹322, decorated it at a cost of ₹6 and sold the toy for ₹398. Find the loss or profit percentage.

A. $\frac{875}{41}\%$ lossB. $\frac{875}{41}\%$ profitC. $\frac{885}{41}\%$ loss

D. 875% profit



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Q24 Mathematics

A cylindrical rod has an outer curved surface area of 1100 cm^2 . If the length of the rod is 29 cm, then the outer radius (in cm) of the rod, correct to two places of decimal, is:

(Take $\pi = \frac{22}{7}$)

A. 8.17

B. 6.03



C. 5.53

D. 4.72

Q25 Mathematics

The simple interest on a certain sum for $7\frac{1}{3}$ years at the rate of 4.5% per annum is ₹6,270.

What will be the amount payable on the same sum at the rate of 8.6% per annum simple interest in $11\frac{1}{2}$ years?

A. ₹37,783

B. ₹37,794

C. ₹37,791



D. ₹37,784

Q26 Mathematics

The value of $6^2 + \sqrt{3^2} - 7\sqrt{81} - 16$ is

A. -32

B. -50

C. -37

D. -40

**Q27 Mathematics**

Simplify $13 \times (3 \times 4^2) \div 9 + 59 - 75$

A. $\frac{160}{3}$



B. $\frac{160}{9}$

C. $\frac{157}{9}$

D. $\frac{157}{3}$



Q28 Mathematics

A trader claims to sell vegetables at a profit of 52%, but also dishonestly uses a weight which is 8% less than what is mentioned on it. Find the total percentage of profit earned by the trader. (Round off the answer to the nearest whole number.)

A. 65%



B. 63%

C. 69%

D. 61%

Q29 Mathematics

Simplify: $3\left(\left(\frac{7}{3}\right)x^2 - 26x + 13\right) - 7(x^2 + 9x - 11)$

A. $141x - 116$

B. $141x + 116$

C. $-141x - 116$

D. $-141x + 116$

**Q30 Mathematics**

Pipe A can fill a tank in 16 hours, pipe B can fill the same tank in 26 hours and pipe C can fill the same tank in 16 hours. The time taken by them to fill the same tank if they operate together is::

A. $6\frac{2}{17}$ hours



B. $3\frac{2}{17}$ hours

C. $2\frac{2}{17}$ hours

D. $9\frac{2}{17}$ hours



Q31 General Intelligence & Reasoning

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.

Statements:

Some trees are plants.

Some plants are graphs.

Conclusions:

(I): Some trees are graphs.

(II): All graphs are plants.

A. Only conclusion (II) follows.

B. Neither conclusion (I) nor (II) follows. ✓

C. Only conclusion (I) follows.

D. Both conclusions (I) and (II) follow.

Q32 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. JM-QG ✓

B. LO-SJ

C. OR-VM

D. EH-LC

Q33 General Intelligence & Reasoning

Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

KFU-15 IIQ-22 ? EOI-42 CRE-55

A. GLM-31 ✓

B. HGL-31

C. KJG-32

D. KLJ-30

Q34 General Intelligence & Reasoning

What will come in the place of the question mark (?) in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged?

$$32 + 4 \times 2 - 6 \div 9 = ?$$

A. 84 ✓

B. 83

C. 81

D. 82

Q35 General Intelligence & Reasoning

Seven people, B, C, D, E, F, G and L, are sitting around a circular table facing the centre of the table. Only three people sit between B and F when counted from the left of B. Only three people sit between D and E when counted from the right of E. G sits to the immediate right of D. C is an immediate neighbour of E as well as F. Who sits to the second to the left of L?

A. E

B. F

C. C ✓

D. B

Q36 General Intelligence & Reasoning

MKOJ is related to SQUP in a certain way based on the English alphabetical order. In the same way, KIMH is related to QOSN. To which of the following is HFJE related, following the same logic?

A. NLPK ✓

B. LNPK

C. LNKP

D. NLKP



Q37 General Intelligence & Reasoning

Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) # 3 % 7 \$ 5 * & 4 β 9 Ω 4 9 μ 8 @ \$ 1 π 3 (Right)

How many such symbols are there that are immediately preceded by a number and also immediately followed by another number?

A. One

B. Three

C. Six

D. Five

Q38 General Intelligence & Reasoning

A is the brother of H. H is the father of R. R is the daughter of M. G is the father of M. How is A related to M?

A. Daughter's husband's brother

B. Daughter's husband's father

C. Husband's brother

D. Husband's father

Q39 General Intelligence & Reasoning

In the following triads, each group of letters is related to the subsequent one following a certain logic. Select from the given options, the one which follows the same logic.

DIMS - SIDM - IMDS

COLT - TOCL - OLCT

A. GUYS - SUGY - YUGS

B. FROG - GRFO - ROFG

C. FOUR - FUOR - RUOF

D. TIME - ITME - EIMT

Q40 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series?

33 , 34 , 36 , 40 , 48 , ?

A. 56

B. 65

C. 64

D. 45

Q41 General Intelligence & Reasoning

In a certain code language, 'music is therapy' is written as 'ak bj jo' and 'stop the music' is coded as 'tu mt jo'. How is 'music' coded in the given language?

A. jo

B. ak

C. mt

D. tu

Q42 General Intelligence & Reasoning

This question is based on the five, three-digit numbers given below.

(Left) 256 987 325 489 723 (Right)

(Example- 697 – First digit = 6, second digit = 9 and third digit = 7)

(NOTE: All operations to be done from left to right.)

What will be the resultant if the second digit of the highest number is added to the third digit of the lowest number?

A. 16

B. 12

C. 14

D. 10

Q43 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series?

4 12 28 52 84 ?

A. 130

B. 120

C. 125

D. 124

Q44 General Intelligence & Reasoning

Seven boxes A, B, C, D, E, F and G are kept one over the other but not necessarily in the same order. Only four boxes are kept between A and D. Only F is kept above A. Only two boxes are kept between B and C. E is kept immediately above G. C is not kept immediately above E. How many boxes are kept above E?

A. Two

B. Three

C. One

D. Four



Q45 General Intelligence & Reasoning

If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 3851764, what will be the sum of the digits that are second from the left and second from the right?

A. 8

B. 12

C. 10



D. 6

Q46 General Intelligence & Reasoning

Seven people, I, J, K, L, U, V and W are sitting in a row, facing north.

Only three people sit to the left of V. Only I sits to the right of U. Only three people sit between U and W. J sits at some place to the left of K but at some place to the right of L. How many people sit between L and K?

A. Four

B. Three



C. One

D. Two

Q47 General Intelligence & Reasoning

In a certain code language, 'always on time' is written as 'aj tj tr' and 'time is precious' is coded as 'lo tr mo'. How is 'time' coded in the given language?

A. mo

B. lo

C. aj

D. tr

**Q48 General Intelligence & Reasoning**

In a row of 163 students facing north, Mr. Maxi is 89th from the left end. If Mr. Han is 2nd to the right of Mr. Maxi, what is Mr. Han's position from the right end of the line?

A. 72nd

B. 73rd



C. 74th

D. 75th

Q49 General Intelligence & Reasoning

If 1 is subtracted from each even digit of the number 36719542, then what will be the product of digits that are repeated more than once in the new number formed?

A. 6

B. 3

C. 5

D. 15

**Q50 General Intelligence & Reasoning**

If 1 is subtracted from each odd digit of the number 86071452 and then the digits are arranged in ascending order, find the sum of the digits, which are repeated more than once in the new number formed.

A. 8

B. 11

C. 13

D. 10

**Q51 General Intelligence & Reasoning**

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

All beds are pillows.

Some beds are curtains.

Conclusions:

(I) Some pillows are curtains.

(II) Some curtains are beds.

A. Only conclusion II follows.

B. Only conclusion I follows.

C. Neither conclusion I nor II follows.

D. Both conclusions I and II follow.



Q52 General Intelligence & Reasoning

Geeta starts from Point P and drives 6 km towards south. Then, she takes a right turn, drives 8 km, turns right again and drives 10 km. She then takes a right turn and drives 12 km. Then, she takes a left turn and drives 2 km; she takes a left turn again and drives 4 km and stops at Point Q. How far (shortest distance) and towards which direction should she drive in order to reach Point P again? (All turns are 90-degree turns only, unless specified.)

- A. 4 km towards south
- B. 6 km towards south**
- C. 4 km towards north
- D. 8 km towards south

Q53 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series based on the English alphabetical order?

DKS ELT FMU GNV ?

- A. HOW**
- B. ROX
- C. HOX
- D. ROW

Q54 General Intelligence & Reasoning

Seven boxes, A, B, C, D, K, L and O, are kept one over the other, but not necessarily in the same order. Only D is kept above C. Only L is kept between C and B. Only A is kept below K. How many boxes are kept between O and A?

- A. Two
- B. One**
- C. Three
- D. Four

Q55 General Intelligence & Reasoning

Alexander starts from Point A and drives 12 km towards the south. He then takes a left turn and drives 4 km, then turns left and drives 17 km. He then takes a left turn and drives 9 km. He takes a final left turn, drives 5 km and stops at Point P. How far (shortest distance) and in which direction should he drive in order to reach Point A again? (All turns are 90-degree turns only unless specified.)

- A. 5 km to the east**
- B. 4 km to the east
- C. 2 km to the east
- D. 3 km to the east

Q56 General Intelligence & Reasoning

Select the pair that follows the same pattern as that followed by the two pairs given below. Both pairs follow the same pattern.

FEI-HGK
YXB-AZD

- A. SQT-UTX
- B. SQT-TSW
- C. SRV-TTW
- D. WVZ-YXB**

Q57 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series?

14 16 20 28 44 ?

- A. 96
- B. 83
- C. 63
- D. 76**

Q58 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

- A. KM-PR
- B. GI-LM**
- C. VX-AC
- D. OQ-TV

Q59 General Intelligence & Reasoning

Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding to/subtracting from/multiplying with 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(46, 41, 26)
(77, 72, 57)

- A. (59, 54, 34)
- B. (62, 57, 42)**
- C. (81, 71, 61)
- D. (93, 88, 83)



Q60 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. CE-HA

B. MO-RL



C. FH-KD

D. IK-NG

General Awareness

40 Questions • Answer Key

Q61 General Awareness

How many significant figures are there in 2.308 cm?

A. 2

B. 3

C. 4



D. 5

Q62 General Awareness

Which Fundamental Right guarantees Freedom of Speech, Assembly and Movement?

A. Right to Constitutional Remedies

B. Right to Cultural Rights

C. Right to Equality

D. Right to Freedom

**Q63 General Awareness**

In which year was the first metro line in India, between Esplanade and Bhowanipur in Kolkata, inaugurated—marking the beginning of metro rail services in the country?

A. 1990

B. 1977

C. 1984



D. 1994

Q64 General Awareness

The Inter-State Council is constituted under which Article?

A. Article 280

B. Article 368

C. Article 346

D. Article 263

**Q65 General Awareness**

Lala Lajpat Rai, Indian revolutionary politician and author was also recognised by which of the following title?

A. Tilak of Punjab

B. Deshbandhu

C. Punjab Kesari



D. Mahamana

Q66 General Awareness

Which Indian Army officer has written the book titled 'Ready, Relevant and Resurgent: A Blueprint for the Transformation of India's Military', which was unveiled by the Defence Minister Rajnath Singh in May 2025?

A. CDS General Anil Chauhan



B. Lieutenant General Rajiv Ghai

C. Lieutenant General NS Raja Subramani

D. General Upendra Dwivedi

Q67 General Awareness

In May 2025, DRDO inaugurated a new research centre focusing on which advanced technology?

A. Artificial Intelligence

B. Nanotechnology

C. Robotics

D. Quantum Technology



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Q68 General Awareness

The Juvenile Justice (Care and Protection of Children) Act, 2015, allows juveniles aged 16-18 to be tried as adults in cases of:

A. heinous crimes



B. drug abuse

C. theft

D. cybercrime

Q69 General Awareness

Which of the following human activities contributes the most to the increase in atmospheric carbon dioxide levels?

A. Afforestation

B. Burning of fossil fuels



C. Use of fertilisers in agriculture

D. Construction of dams

Q70 General Awareness

The February 2025 Technology Adoption Fund launched by IN-SPACe has earmarked _____ to support private space start-ups.

A. ₹250 crore

B. ₹1,000 crore

C. ₹500 crore



D. ₹100 crore

Q71 General Awareness

In which city was the agreement signed in March 2025 to resolve the border dispute between Kyrgyzstan and Tajikistan?

A. Batken

B. Dushanbe

C. Bishkek



D. Osh

Q72 General Awareness

Which valuable tree grows mainly in the western Himalayas and is used in construction?

A. Deodar



B. Rhododendron

C. Magnolia

D. Cinchona

Q73 General Awareness

Which among the following two organisations signed an Memorandum of Understanding to establish an incubation centre promoting innovation in solar energy and green hydrogen in May 2025?

A. National Institution for Transforming India Aayog and Indian Space Research Organisation

B. National Solar Energy Federation of India and National Institute of Solar Energy



C. Defence Research and Development Organisation and National Thermal Power Corporation

D. Ministry of New and Renewable Energy and Bharat Heavy Electricals Limited

Q74 General Awareness

When referring to the conventional rod puppet shows of West Bengal, what is the name used?

A. Gombeyatta

B. Putul Nautch



C. Yakshagana

D. Kathputli

Q75 General Awareness

Clean cooking fuel is essential for rural women's health and environmental sustainability. Which scheme provides LPG connections to women in BPL households?

A. Pradhan Mantri Ujjwala Yojana



B. Saansad Adarsh Gram Yojana

C. Pradhan Mantri Gram Sadak Yojana

D. Pradhan Mantri Awaas Yojana - Gramin

Q76 General Awareness

Who among the following Delhi sultans accidentally died during a game of polo in the year 1210?

A. Ibrahim Lodi

B. Firuz Shah Tughluq

C. Jalaluddin Khilji

D. Qutbuddin Aibak

**Q77 General Awareness**

If we derive an expression for velocity, its dimension should be _____.

A. M⁰L¹T¹

B. M L⁻¹T⁻²

C. M⁻¹L¹T⁻¹

D. M⁰L¹T⁻¹



Q78 General Awareness

Which of the following is NOT a function under the Twelfth Schedule of the Constitution?

- A. Urban planning
- B. Public health
- C. Urban poverty alleviation
- D. Foreign trade promotion

**Q79 General Awareness**

Who among the following won a maiden Italian Open title in May 2025 by defeating world No. 1 Jannik Sinner in Rome?

- A. Novak Djokovic
- B. Rafael Nadal
- C. Carlos Alcaraz
- D. Daniil Medvedev

**Q80 General Awareness**

Which of the following processes is absent in C_4 plants?

- A. Transpiration
- B. Photorespiration
- C. Photosynthesis
- D. Respiration

**Q81 General Awareness**

Which of the following is/are an ancient set of inscriptions, promoting moral values and governance principles and is considered one of the earliest written records in Indian history?

- A. Arthashastra
- B. Upanishads
- C. Edicts of Ashoka
- D. Vedas

**Q82 General Awareness**

Which non-constitutional body investigates corruption complaints against public servants?

- A. Lokpal
- B. Union Public Service Commission
- C. Finance Commission
- D. Election Commission

**Q83 General Awareness**

In which of the following years was the first thermal power plant of the Calcutta Electric Supply Corporation Limited commissioned?

- A. 1899
- B. 1916
- C. 1925
- D. 1909

**Q84 General Awareness**

Which of the following organisations developed the nanoporous multilayered polymeric membrane for high-pressure seawater desalination in May 2025?

- A. Council of Scientific and Industrial Research (CSIR)
- B. Department of Science and Technology (DST)
- C. Indian Space Research Organisation (ISRO)
- D. Defence Research and Development Organisation (DRDO)

**Q85 General Awareness**

To harden the steel, which material is required in the steel industry?

- A. Bauxite
- B. Manganese
- C. Mica
- D. Limestone

**Q86 General Awareness**

This revolutionary freedom fighter co-founded the Hindustan Socialist Republican Association in 1928. Along with B K Dutt, he threw a bomb in the Central Legislative Assembly in 1929. He was tried and executed at the age of 23, along with revolutionaries Sukhdev Thapar and Shivaram Rajguru. The freedom fighter is:

- A. Chandrasekhar Azad
- B. Uddham Singh
- C. Bhagat Singh
- D. Ramprasad Bismil

**Q87 General Awareness**

Who was appointed as the Chief Election Commissioner of India in February 2025?

- A. Rajiv Kumar
- B. Sushil Chandra
- C. Sunil Arora
- D. Gyanesh Kumar



Q88 General Awareness

What does Ctrl + F help users to do?

- A. Find a file on the desktop
- B. Format the document
- C. Find text in the current document or webpage ✓
- D. Forward an email

Q89 General Awareness

Where was Exercise Dharma Guardian, 2025, held?

- A. Tokyo, Japan
- B. New Delhi, India
- C. East Fuji, Japan ✓
- D. Pune, India

Q90 General Awareness

Bhaga and Chandra streams join at which place in Himachal Pradesh forming the river Chenab?

- A. Tandi ✓
- B. Verinag Spring
- C. Kullu
- D. Rohtang Pass

Q91 General Awareness

Which DRDO-developed system, tested in 2025, is designed to detect and neutralise multiple types of underwater threats?

- A. MIGM
- B. Takshak
- C. Varunastra
- D. Maareech ✓

Q92 General Awareness

During the colonial period, the services sector accounted for only ____.

- A. 5-10%
- B. 22-29%
- C. 25-32%
- D. 15-20% ✓

Q93 General Awareness

Which among the following state lies in the south of the Great Indian Desert?

- A. Uttar Pradesh
- B. Madhya Pradesh
- C. Haryana
- D. Gujarat ✓

Q94 General Awareness

According to constitutional provisions, what is the maximum permissible size of a State Council of Ministers, including the Chief Minister?

- A. 15% of the total strength of the Legislative Assembly ✓
- B. 20% of the total strength of the Legislative Assembly
- C. No specific limit is defined
- D. 10% of the total strength of the Legislative Assembly

Q95 General Awareness

Which Indian airport secured a position among the top 10 hub airports in the Asia-Pacific and Middle East region in the 2024 ACI Hub Connectivity Rankings?

- A. Indira Gandhi International Airport (IGIA) ✓
- B. Chennai International Airport
- C. Kempegowda International Airport
- D. Chhatrapati Shivaji Maharaj International Airport

Q96 General Awareness

Which of the following is cited as evidence for a highly centralised administration in the Indus-Sarasvati civilisation?

- A. Elaborate royal tombs
- B. Standardised weights and measures ✓
- C. Monumental palaces and temples
- D. Absence of seals and standard script

Q97 General Awareness

Kartik Aaryan won the Best Performance in a Leading Role (Male) award at the 25th IIFA Awards held in March 2025 at Jaipur for his performance in which of the following films?

- A. Bhool Bhulaiyaa 3 ✓
- B. Chandu Champion
- C. Shehzada
- D. Satyaprem Ki Katha



Q98 General Awareness

Which of the following is considered a major challenge to human development in India?

- A. Rapid urbanisation
- B. Increasing digital infrastructure
- C. High foreign exchange reserves
- D. Persistent regional disparities ✓

Q99 General Awareness

Which of the following is the correct method to create a new folder using the File menu in Windows 7?

- A. Open Computer → Open desired drive (e.g., D:) → Click on File → New → Folder ✓
- B. Open Computer → Right-click drive → File → New → Folder
- C. Control Panel → File → Create → New Folder
- D. Start → File → Folder → New

Q100 General Awareness

The brothers Sidhu and Kanhu were the leaders of which of the following tribal uprisings?

- A. Santhal Rebellion ✓
- B. Kol Mutiny
- C. Ho uprising
- D. Koya revolts



Mathematics

30 Questions • Answer Key

Q1 Mathematics

A shopkeeper lists the price of a fan at 50% above its cost price and offers a 30% discount on its list price. If he earns a profit of ₹175, then what is the list price (in ₹) of the fan?

A. 5,040

B. 5,088

C. 5,250



D. 5,021

Q2 Mathematics

What sum of money (in ₹) will amount to ₹2,400 at 5% per annum simple interest in 4 years?

A. ₹12,000

B. ₹2,050

C. ₹1,950

D. ₹2,000



Q3 Mathematics

Which of the following numbers divides 934725?

A. 6

B. 3



C. 10

D. 2

Q4 Mathematics

Anil bought some pens at the rate of ₹150 a dozen. He sold them for ₹45 each. His profit percentage is ____%.

A. 264

B. 260



C. 258

D. 262

Q5 Mathematics

Find the value of $83^{-2} \div 83^7 \times 83^{-10}$.

A. 83^{-19} B. 83^{-14} C. 83^{-16} D. 83^{-20}

Q6 Mathematics

Find the simple interest (in ₹) on ₹4,000 at 7.5% per annum rate of interest deposited on 5 February 2024 and withdrawn on 6 April 2024.

A. 48

B. 50



C. 51

D. 49

Q7 Mathematics

What smallest number should be added to 71079 so that the sum is completely divisible by 23?

A. 15

B. 13

C. 14



D. 9

Q8 Mathematics

4 times the present age of P exceeds the present age of Q by 19 years. After 5 years, 3 times the age of Q will be 27 years less than 9 the age of P. The present age of Q is (in years):

A. 63

B. 66

C. 58

D. 61



Q9 Mathematics

An article is marked for ₹720. If two successive discounts of 10% and 15% are allowed for sale, then the selling price of the article is:

A. ₹468

B. ₹550.80



C. ₹597.60

D. ₹489.60



Q10 Mathematics

Diya has to reach Surat which is 811 km away in 14 hours. His starting speed for 5 hours was 91 km/hr. For the next 84 km his speed was 84 km/hr. By what speed he must travel now so as to reach Surat in the decided time of 14 hours?

A. 34 km/hr



B. 39 km/hr

C. 35 km/hr

D. 38 km/hr

Q11 Mathematics

Arjun and Malaika have to travel from Delhi to Kanpur in their respective cars. Arjun is driving at 66 km/hr while Malaika is driving at 99 km/hr. Find the time taken by Malaika to reach Kanpur if Arjun takes 3 hours.

A. 2 hours



B. 4 hours

C. 11 hours

D. 12 hours

Q12 Mathematics

Find the mean proportional between 22 and 88.

A. 46

B. 44



C. 47

D. 41

Q13 Mathematics

M and N start a business. M invests ₹24,000 more than N for 3 months and N invests for 4 months. M's share is ₹962 more than that of N, out of a total profit of ₹7,696. Find the capital contributed by M.

A. ₹57,424

B. ₹57,626

C. ₹57,600



D. ₹57,692

Q14 Mathematics

An electronics retailer offers two successive discounts of 7% and 10% on a TV priced at ₹48,000. What is the difference in the final price after applying two successive discounts compared to applying a flat discount of 17%?

A. ₹336



B. ₹312

C. ₹327

D. ₹318

Q15 Mathematics

The average of first 165 even numbers is

A. 166



B. 165.5

C. 166.5

D. 167

Q16 Mathematics

Simplify $x(7x - 2) + 5(x^2 - 3) + 13$.

A. $-12x^2 - 2x + 2$

B. $-12x^2 - 2x - 2$

C. $12x^2 - 2x + 2$

D. $12x^2 - 2x - 2$

**Q17 Mathematics**

In $\triangle ABC$, $BD \perp AC$ at D and $\angle DBC = 60^\circ$. E is a point on BC such that $\angle CAE = 20^\circ$. What is the measure of $\angle AEB$?

A. 58°

B. 46°

C. 54°

D. 50°

**Q18 Mathematics**

The number of prime numbers lying between 488 and 494, both included, is:

A. 3

B. 4

C. 2

D. 1



Q19 Mathematics

The product of two consecutive positive natural numbers is 930. The greater of the two numbers is:

A. 31



B. 32

C. 33

D. 29

Q20 Mathematics

A number, when increased by 60%, gives 3600. The number is:

A. 2250



B. 6750

C. 4500

D. 1125

Q21 Mathematics

The average price of three items of furniture is ₹16,005. If their prices are in the ratio 3 : 5 : 7, the price of the cheapest item (in ₹) is:

A. 7,469

B. 9,603



C. 5,335

D. 3,201

Q22 Mathematics

P, Q and R invest a sum in the ratio of 59 : 14 : 72, respectively. If they earned a total profit of ₹4,790 at the end of the year, what is the difference between the shares of Q and R?

A. ₹1,966

B. ₹1,836

C. ₹1,916



D. ₹2,022

Q26 Mathematics

Simplify: $(1 + \cot^2 A) + \left(1 + \frac{1}{\cot^2 A}\right)$

A. $\tan^2 A$

B. $\operatorname{cosec}^2 A \sec^2 A$



C. $\cot^2 A$

D. $\sin^2 A \cos^2 A$

Q23 Mathematics

The H.C.F. and the L.C.M. of two numbers are 11 and 495, respectively. If one of the numbers is 55, find the other one.

A. 21

B. 172

C. 99



D. 181

Q24 Mathematics

Find the surface area of a sphere whose diameter is equal to 54 cm.

A. $3651\pi \text{ cm}^2$

B. $3865\pi \text{ cm}^2$

C. $2386\pi \text{ cm}^2$

D. $2916\pi \text{ cm}^2$

**Q25 Mathematics**

The income of Raman is ₹86,400. He saves 22.5% of his income. If his income increases by 22% and expenditure increases by 25%, then his savings will:

A. increase by ₹2,273

B. increase by ₹2,268



C. decrease by ₹2,263

D. decrease by ₹2,271



Q27 Mathematics

Anjani can do a certain piece of work in 30 days. Anjani and Khushbu can together do the same work in 10 days, and Anjani, Khushbu and Sushmita can do the same work together in 9 days. In how many days can Anjani and Sushmita do the same work together?

A. $\frac{49}{4}$

B. $\frac{44}{2}$

C. $\frac{38}{3}$

D. $\frac{45}{2}$

**Q28 Mathematics**

The value of $\sqrt{121} + \sqrt{0.0196} - \sqrt{8.41}$ is ____.

A. 8.24

B. 8.55

C. 15.54

D. 6.03

**Q29 Mathematics**

Find the perimeter of a semicircle with a radius of 7 cm. (Use $\pi = \frac{22}{7}$)

A. 25 cm

B. 36 cm

C. 28 cm

D. 22 cm

**Q30 Mathematics**

Pipe A can fill a tank in 19 hours, pipe B can fill the same tank in 21 hours and pipe C can fill the same tank in 8 hours. The time taken by them to fill the same tank if they operate together is::

A. $10\frac{316}{719}$ hours

B. $13\frac{316}{719}$ hours

C. $11\frac{316}{719}$ hours

D. $4\frac{316}{719}$ hours



Q31 General Intelligence & Reasoning

In the following triads, each group of letters is related to the subsequent one following a certain logic. Select from the given options, the one which follows the same logic.

POST - OPST - PSTO

LITE - ILTE - LTEI

A. HOST - OHST - OSTH

B. MIND - IMND - DINM

C. GANY - AGNY - GNYA

D. VAIN - VIAN - NIAV

**Q32** General Intelligence & Reasoning

If + means $\times$, $\times$ means $\div$ and $\div$ means +, then what will come in place of the question mark (?) in the following equation?

$$36 + 48 \times 4 \div 5 - 3 = ?$$

A. 47

B. 43

C. 52

D. 39

**Q33** General Intelligence & Reasoning

If 'A' stands for ' $\div$ ', 'B' stands for ' $\times$ ', 'C' stands for '+' and 'D' stands for '-', then the resultant of which of the following would be 18?

A. 45 B 6 C 8 D 42 A 2

B. 45 C 6 A 8 B 42 A 2

C. 45 A 6 B 8 D 42 C 2

D. 45 D 6 B 8 C 42 A 2

**Q34** General Intelligence & Reasoning

In a certain code language, 'PICK' is coded as '3517' and 'COST' is coded as '2146'. What is the code for 'C' in the given code language?

A. 1

B. 4

C. 6

D. 3

**Q35** General Intelligence & Reasoning

Samar ranked 39th from the top and 34th from the bottom in his class. How many students are there in his class?

A. 71

B. 74

C. 73

D. 72

**Q36** General Intelligence & Reasoning

Seven boxes V, W, X, Y, Z, Q and R are kept one over the other but not necessarily in the same order. Only four boxes are kept between Z and Y. Only X is kept above Z. Only two boxes are kept between W and V. R is kept immediately above Q. V is not kept immediately above R. Which box is kept fourth from the top?

A. Y

B. Q

C. R

D. W

**Q37** General Intelligence & Reasoning

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

All laptops are computers.

Some laptops are desktops.

Conclusions:

(I): Some computers are desktops.

(II): Some desktops are laptops.

A. Neither Conclusion I nor II follows

B. Only Conclusion I follows

C. Both Conclusions I and II follow

D. Only Conclusion II follows



Q38 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series based on the English alphabetical order?

RXY TTV ? XLP ZHM

A. VWZ

B. VPS



C. SRV

D. PDM

Q39 General Intelligence & Reasoning

Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) 0 3 # π 2 σ Ω 9 \$ # 4 8 9 % 1 & 5 @ 8 6 μ (Right)

How many such symbols are there, which are immediately preceded by a prime number and also immediately followed by a symbol?

A. Three

B. Two



C. One

D. None

Q40 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series?

9 13 21 33 49 ?

A. 69



B. 75

C. 67

D. 70

Q41 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. RV-MP

B. NR-IL

C. IM-DH



D. KO-FI

Q42 General Intelligence & Reasoning

Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding to/subtracting from/multiplying with 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(19, 374, 14)

(47, 2230, 22)

A. (4, 22, 2)

B. (50, 2514, 15)



C. (45, 2031, 2)

D. (27, 744, 11)

Q43 General Intelligence & Reasoning

Seven people, A, B, C, D, P, Q and R, are sitting in a row, facing north.

Only three people sit to the left of R. Only A sits to the right of C. Only three people sit between C and Q. B sits at some place to the left of P but at some place to the right of D.

How many people sit between D and P?

A. Four

B. Two

C. Three



D. One

Q44 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series?

750 755 745 750 740 745 735 ?

A. 735

B. 750

C. 745

D. 740

**Q45 General Intelligence & Reasoning**

Teena, Beena, Meera, Leena, Meenu and Reena are sitting around a circle, facing the centre. Reena sits second to the left of Teena. Meenu sits third to the left of Reena. Leena sits second to the left of Meera. Who sits second to the left of Beena?

A. Teena



B. Reena

C. Meera

D. Leena



Q46 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. TP-US



B. NJ-OL

C. QM-RO

D. KG-LI

Q47 General Intelligence & Reasoning

Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

DKR 79, HOV 73, LSZ 67, PWD 61, TAH 55, ?

A. ZEL 51

B. XOL 53

C. XEL 49



D. XEM 50

Q48 General Intelligence & Reasoning

In a certain code language, 'CURE' is coded as '8426' and 'THOU' is coded as '5183'. What is the code for 'U' in the given code language?

A. 8



B. 4

C. 3

D. 1

Q49 General Intelligence & Reasoning

Vinay starts from Point A and drives 8 km towards North. He then takes a left turn, drives 4 km, turns left and drives 11 km. He then takes a left turn and drives 6 km. He takes a final left turn, drives 3 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90° turns only unless specified.)

A. 3 km to west

B. 2 km to east

C. 3 km to east

D. 2 km to west

**Q50 General Intelligence & Reasoning**

This question is based on the five, three-digit numbers given below.

(Left) 438 745 217 153 876 (Right)

(Example- 697 – First digit = 6, second digit = 9 and third digit = 7)

(NOTE: All operations to be done from left to right.)

What will be the resultant if the third digit of the highest number is added to the second digit of the lowest number?

A. 10

B. 12

C. 13

D. 11

**Q51 General Intelligence & Reasoning**

Read the given statement(s) and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statement(s).

Statements:

All Steel are Nickel.

Some Nickel are Chromium.

Conclusions:

I: Some Steel are Chromium.

II: No Chromium are Steel.

A. Only conclusion (II) follows.

B. Only conclusion (I) follows.

C. Both conclusions (I) and (II) follow.

D. Neither conclusion (I) nor (II) follows.

**Q52 General Intelligence & Reasoning**

Each of the digits in the number 8127365 is arranged in ascending order from left to right. What will be the sum of the digits that are second from the left and second from the right in the new number thus formed?

A. 7

B. 8

C. 9



D. 6



Q53 General Intelligence & Reasoning

Navish ranked 14th from the bottom and 17th from the top in his class. How many students are there in his class?

- A. 27
- B. 28
- C. 29
- D. 30

**Q54 General Intelligence & Reasoning**

In the following triads, each group of letters is related to the subsequent one following a certain logic. Select from the given options, the one which follows the same logic.

LUNG - UNLG - GNUL
FERN - ERFN - NREF

- A. COIR - OICR - RIOC
- B. BAKE - AKBE - AKEB
- C. CUTS - UCTS - SUTC
- D. SWAP - SAWP - PAWS

**Q55 General Intelligence & Reasoning**

Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

- A. ORK
- B. LOI
- C. ILF
- D. RUO

**Q56 General Intelligence & Reasoning**

What will come in the place of the question mark (?) in the following equation, if '+' and 'x' are interchanged, and '-' and '÷' are interchanged?

$$2 + 8 \div 84 - 7 \times 27 = ?$$

- A. 15
- B. 31
- C. 21
- D. 26

**Q57 General Intelligence & Reasoning**

Select the pair that follows the same pattern as that followed by the two pairs given below. Both pairs follow the same pattern.

EYN : FAQ
GWA : HYD

- A. JUF : KWI
- B. OCR : PDS
- C. TQH : WSI
- D. SBL : TEM

**Q58 General Intelligence & Reasoning**

What should come in place of the question mark (?) in the given series?

94 ? 118 142 174 214

- A. 102
- B. 106
- C. 108
- D. 112

**Q59 General Intelligence & Reasoning**

Ram starts his journey from point A and drives for 12 km towards the south. He then turns right and drives for 7 km. He then turns left, drives for 5 km, then again turns left and drives for 13 km, and then again turns left and drives for 9 km. He then turns left and drives for 14 km. He takes a final right turn and drives for 8 km and stops. How far (shortest distance) and in which direction should he drive in order to reach point A again? (All turns are 90-degree turns only unless specified.)

- A. 8 km towards the north
- B. 8 km towards the east
- C. 6 km towards the east
- D. 5 km towards the east

**Q60 General Intelligence & Reasoning**

In a certain code language,
A # B means 'A is the mother of B',
A % B means 'A is the brother of B',
A - B means 'A is the wife of B' and
A @ B means 'A is the father of B'.

How is C related to U if 'C - O @ M # B % U'?

- A. Mother
- B. Sister
- C. Mother's sister
- D. Mother's mother



Q61 General Awareness

China deployed a sophisticated Large Phased Array Radar (LPR) system near the _____ raising concerns over increased surveillance capabilities.

- A. India-Bangladesh border
- B. India-Myanmar border** ✓
- C. India-Nepal border
- D. India-Bhutan border

Q62 General Awareness

How did the Industrial Revolution alter the British economic interests in India?

- A. From taxes to feudal rule
- B. From trade to industry and raw material use** ✓
- C. From control to cultural ties
- D. From plantations to nomadic life

Q63 General Awareness

According to the report titled "India Revives ₹44,000 Crore Plan to Boost Defence Manufacturing", published in 2025, what is the primary purpose of this plan?

- A. Safeguarding ports and trade routes** ✓
- B. Acquiring advanced radar systems
- C. Enhancing cyber defence capabilities
- D. Developing fifth-generation fighter jets

Q64 General Awareness

The Santhal Revolt of 1855-56 was against which groups along with the British officials?

- A. Zamindars and moneylenders** ✓
- B. French traders
- C. Afghan invaders
- D. Marathas and Nawabs

Q65 General Awareness

Which of the following refers to the newer and younger deposits of the floodplains in the Northern Plains of India, which are renewed almost every year and are therefore very fertile?

- A. Terai
- B. Khadar** ✓
- C. Kankar
- D. Bhangar

Q66 General Awareness

Which Act first recognised the political and administrative functions of the East India Company in India?

- A. Pitt's India Act 1784
- B. Government of India Act 1858
- C. Regulating Act 1773** ✓
- D. Charter Act 1813

Q67 General Awareness

In angiosperms, which of the following organs represents the male reproductive part of a flower?

- A. Sepals
- B. Petals
- C. Androecium** ✓
- D. Gynoecium

Q68 General Awareness

Which among the following South Indian kingdoms is known for the conquest that crossed the river Ganga in the north?

- A. Chalukya
- B. Pallava
- C. Pandyas
- D. Chola** ✓

Q69 General Awareness

The provisions for salaries and emoluments of constitutional authorities are mentioned in which Schedule?

- A. Third Schedule
- B. Ninth Schedule
- C. Seventh Schedule
- D. Second Schedule** ✓

Q70 General Awareness

Which state has special constitutional provisions to protect its tribal customs and laws under Article 371A?

- A. Mizoram
- B. Tripura
- C. Nagaland** ✓
- D. Assam



Q71 General Awareness

One of the largest terminals in the world, Terminal-3 of the Indira Gandhi International Airport (IGIA), was inaugurated in which year with a capacity to handle up to 40 million passengers annually?

A. 2020

B. 2015

C. 2005

D. 2010

**Q72 General Awareness**

Which chemical process results in the formation of plaque on copper, the rusting of iron and the blackening of silver?

A. Flocculation

B. Corrosion



C. Encapsulation

D. Extrusion

Q73 General Awareness

Which ISRO mission, in collaboration with JAXA, aims to explore the Moon's polar regions?

A. Shukrayaan

B. Lunar Polar Exploration Mission



C. Chandrayaan-5

D. Chandrayaan-4

Q74 General Awareness

Yakshagana is a folk theatre form from which of the following States of India?

A. Punjab

B. Karnataka



C. Gujarat

D. Tamil Nadu

Q75 General Awareness

In which of the following years was the monetary policy framework moved towards flexible inflation targeting and a six member Monetary Policy Committee (MPC) constituted for setting the policy rate?

A. 2013

B. 2016



C. 1998

D. 1992

Q76 General Awareness

Which of the following players was awarded with National Sports award 2024 in the field of Para-Badminton in January 2025?

A. Nithya Sre Sumathy Sivan



B. PV Sindhu

C. S Muralidharan

D. Saina Nehwal

Q77 General Awareness

The world's first Pandemic Agreement was adopted during which session of the World Health Assembly held in May 2025?

A. 79thWorld Health Assembly

B. 77thWorld Health Assembly

C. 78thWorld Health Assembly



D. 76thWorld Health Assembly

Q78 General Awareness

Which of the following are main subsystems of the Central Processing Unit (CPU)?

A. Arithmetic Unit, Graphics Unit and Control Bus

B. Arithmetic Unit, Memory Unit and Output Unit

C. Logic Unit, Input Unit and Storage Unit

D. Control Unit, Arithmetic Unit and Logic Unit

**Q79 General Awareness**

The government tracks the performance of eight core industries to monitor industrial activity. What is the approximate weight of the core industries in the Index of Industrial Production (IIP)?

A. 45%

B. 30%

C. 40%



D. 20%

Q80 General Awareness

In 2025, which state achieved a major infrastructure milestone with the support of Indo-foreign collaboration?

A. Rajasthan

B. Madhya Pradesh



C. Gujarat

D. Uttar Pradesh



Q81 General Awareness

In May 2025, IBM and TCS partnered with Andhra Pradesh to build the "Quantum Valley Tech Park" in _____.

- A. East Godavari
- B. Kakinada
- C. Amaravati
- D. Srikakulam

**Q82 General Awareness**

The Indus River system includes all of the following rivers EXCEPT:

- A. Ravi
- B. Sutlej
- C. Jhelum
- D. Godavari

**Q83 General Awareness**

Which Amendment of the Citizenship Act introduced the provision that an illegal migrant cannot acquire citizenship by naturalisation or registration?

- A. 2003 Amendment
- B. 2015 Amendment
- C. 1986 Amendment
- D. 2005 Amendment

**Q84 General Awareness**

You want to create a file called "Notes.txt". Which tool would you use?

- A. Notepad
- B. Windows Media Player
- C. Calculator
- D. Paint

**Q85 General Awareness**

What types of climate and vegetation characterise the Taiga natural region?

- A. Dense tropical vegetation
- B. Flood-prone swamp areas
- C. Cold climate with coniferous forests
- D. Arid deserts with cactus

**Q86 General Awareness**

In May 2025, Union Home Minister Amit Shah laid the foundation stone for the permanent campus of the National Forensic Sciences University (NFSU) in Nagpur. At which location did this ceremony take place?

- A. Vishwas Cell, Nagpur University
- B. Subhash Nagar, Nagpur
- C. Mouza Chicholi, Kamptee tehsil, Nagpur district
- D. Swasthi Nivas, Nagpur

**Q87 General Awareness**

Which law is most frequently applied when calculating the electric field, particularly when high symmetry is present?

- A. Faraday's Law
- B. Lenz's Law
- C. Coulomb's law
- D. Gauss's Law

**Q88 General Awareness**

In 2022, which of the following states made headlines for having discovered the oldest Iron Age site in the Indian subcontinent?

- A. Uttar Pradesh
- B. Gujarat
- C. Tamil Nadu
- D. Meghalaya

**Q89 General Awareness**

Which of the following groups is provided support under the One-Stop Centre (OSC) scheme?

- A. Only women from a specific caste or religion
- B. All women and girls below 18 years of age affected by violence
- C. Only women working in government offices
- D. Only married women in urban areas

**Q90 General Awareness**

Which of the following correctly describes the impact of 1991 reforms on agricultural exports?

- A. Agricultural exports were completely banned.
- B. Export restrictions were imposed to ensure food security.
- C. Export promotion was encouraged through de-regulation.
- D. Only wheat and rice were allowed for export.



Q91 General Awareness

The 2025 Sheikh Zayed Book Award recognised which author as the Cultural Personality of the Year?

- A. Sophie Elmhirst
- B. Haruki Murakami ✓
- C. Michael Crummey
- D. Nairithi Konduru

Q92 General Awareness

Exercise Desert Hunt 2025, an integrated tri-service special forces exercise was conducted by the Indian Air Force at which of the following stations?

- A. Airforce station at Prayagraj
- B. Airforce station at Jodhpur ✓
- C. Airforce station at Agra
- D. Airforce station at Gandhi Nagar

Q93 General Awareness

Which of the following authors penned the novel "Midnight's Children," famous for its fusion of historical narratives with elements of magical realism?

- A. Vikram Seth
- B. Rohinton Mistry
- C. Salman Rushdie ✓
- D. Arundhati Roy

Q94 General Awareness

Which of the following options best defines 'Sustainable Development'?

- A. Using only renewable resources
- B. Development that meets present needs without compromising future generations ✓
- C. Industrialisation without any restrictions
- D. Maximising profits from natural resources

Q95 General Awareness

Where was the 2025 Global Artificial Intelligence Summit & Awards (GAISA) held?

- A. Pragati Maidan, New Delhi
- B. Taj Palace, New Delhi
- C. Bengaluru International Exhibition Centre
- D. Bharat Mandapam, New Delhi ✓

Q96 General Awareness

Who was awarded the Major Dhyan Chand Khel Ratna Award in 2025 for his leadership in Indian hockey?

- A. PR Sreejesh
- B. Harmanpreet Singh ✓
- C. Manpreet Singh
- D. Rupinder Pal Singh

Q97 General Awareness

Which type of rural settlement is most common in the northeastern states and Northern Plains of India?

- A. Clustered ✓
- B. Semi-clustered
- C. Dispersed
- D. Hamleted

Q98 General Awareness

Which of the following sectors employed the largest share of India's population before independence?

- A. Services
- B. Industry
- C. Agriculture ✓
- D. Trade

Q99 General Awareness

What is the correct order of the three-tier Panchayati Raj structure from bottom to top in India?

- A. Gram Panchayat – Panchayat Samiti – Zila Parishad
- B. Gram Sabha – Gram Panchayat – Zila Parishad
- C. Panchayat Samiti – Gram Panchayat – Zila Parishad
- D. Zila Parishad – Panchayat Samiti – Gram Panchayat ✓

Q100 General Awareness

Which of the following athletes set a new record in triple jump with a 15.66 m leap at the 2025 Khelo India Youth Games in May 2025?

- A. Tushar Chaudhary
- B. Animesh Kujur
- C. Qadir Khan
- D. Sheikh Zeeshan ✓



Mathematics

30 Questions • Answer Key

Q1 Mathematics

Find the value of $[960 \div \{28 + 5 \times (7 - 3)\}]$.

A. 20



B. 23

C. 29

D. 15

Q2 Mathematics

The marks scored by 10 students are given below.

11, 11, 14, 12, 20, 19, 16, 18, 11, 12

The mode of the data is:

A. 10

B. 14

C. 11



D. 12

Q3 Mathematics

If the sum of all interior angles of a regular polygon is 28 right angles, then its number of sides is:

A. 13

B. 14

C. 15

D. 16



Q4 Mathematics

The LCM of the numbers 8.6 and 0.12 is:

A. 25.8



B. 2.58

C. 0.258

D. 258

Q5 Mathematics

A sum of money triples itself at a certain rate of compound interest in 16 years. In how many years will it amount to 9 times of itself?

A. 27 years

B. 32 years



C. 26 years

D. 29 years

Q6 Mathematics

Five solid cubes, each of volume 216000 cm^3 , are joined end to end to form a cuboid. What is the lateral surface area (in cm^2) of the cuboid?

A. 43245

B. 43464

C. 43045

D. 43200



Q7 Mathematics

A company earns a profit (in ₹) that is distributed among the company's three partners in the ratio of 12 : 3 : 14. If the difference between the smallest and the largest shares is ₹61,699, the total profit (in ₹) of the company is:

A. 1,62,673

B. 1,62,566

C. 1,62,661



D. 1,62,581

Q8 Mathematics

The diameter of a sphere is 12 cm. Find its volume.

A. $144\pi \text{ cm}^3$ B. $576\pi \text{ cm}^3$ C. $288\pi \text{ cm}^3$ D. $192\pi \text{ cm}^3$ 

Q9 Mathematics

Sapna invested ₹20,000 on simple interest, partly at 12% per annum and partly at 13% per annum. If she earns equal interests from the two investments after 7 years, then find the sum invested at 12% per annum (in ₹).

A. 10,398

B. 10,403

C. 10,399

D. 10,400

**Q10 Mathematics**

A man makes a monthly payment equal to 25% of his monthly salary towards debt repayment. He spends 52% of the remaining salary and saves ₹288. His monthly salary (in ₹) is:

A. 811

B. 816

C. 800



D. 888

Q11 Mathematics

₹21,300 were divided among A, B and C, such that 2 times the share of A = 4 times the share of B = 7 times the share of C. Find the share of A.

A. ₹11,868

B. ₹11,919

C. ₹11,928



D. ₹12,099

Q12 Mathematics

The sum of two numbers is 66 and their L.C.M. is 400. What are the two numbers?

A. 14, 52

B. 16, 50



C. 21, 45

D. 9, 57

Q13 Mathematics

A train that has a length of 150 m overtakes a man moving at a speed of 9 km/hr (in the same direction) in 36 seconds. How much time (in seconds) will it take this train to completely cross another train that is 185 m long, moving in the opposite direction at a speed of 43 km/hr?

A. 23

B. 12

C. 18



D. 35

Q14 Mathematics

The average of first 164 even numbers is

A. 165.5

B. 164.5

C. 165



D. 166

Q15 Mathematics

If 51% of first number is equal to six-sevenths of second number, what is the ratio of first number to the second number?

A. 199 : 124

B. 205 : 116

C. 200 : 119



D. 195 : 114

Q16 Mathematics

A chair was sold for ₹4,600 after giving two successive discounts of 12% and 9%. What is the marked price? (Rounded up to two decimal places.)

A. ₹5,744.26



B. ₹8,008.39

C. ₹7,820.12

D. ₹7,948.74

Q17 Mathematics

A number, when increased by 60%, gives 3640. The number is:

A. 1137.5

B. 2275



C. 4550

D. 6825



Q18 Mathematics

Which of the following numbers divides 74,75,79,723?

- A. 13
- B. 9
- C. 8
- D. 11

**Q19 Mathematics**

Evaluate: $(-9) - (-60) \div (-12) + (-2) \times 9$

- A. -32
- B. -31
- C. -35
- D. -34

**Q20 Mathematics**

The sum of the squares of two consecutive even natural numbers is 452. The sum of the numbers is:

- A. 26
- B. 48
- C. 30
- D. 44

**Q21 Mathematics**

I bought two bicycles for ₹1,200. I sold the first one at a loss of 9% and the second at a gain of 27%. If, on the whole I made neither a loss nor a gain, find the cost price (in ₹) of the first bicycle.

- A. 884
- B. 924
- C. 920
- D. 900

**Q22 Mathematics**

A man goes to Lucknow from Kanpur at a speed of 18 km/hr and returns to Kanpur at speed of 36 km/hr, through the same route. What is his average speed (in km/hr) of the entire journey?

- A. 22
- B. 24
- C. 18
- D. 27

**Q23 Mathematics**

If the 6-digit number N42M47 is divisible by 11, then which of the options below can give a possible correct relation between M and N?

- A. $M + N = 5$
- B. $M - N = -5$
- C. $M - N = 1$
- D. $M = N$

**Q24 Mathematics**

A shopkeeper offers the following four discount schemes to his customers for the purchase of articles in his shop.

- (i) Buy 5 and get 3 free
- (ii) Buy 6 and get 3 free
- (iii) Buy 20 and get 5 free
- (iv) Buy 8 and get 6 free

Which scheme is the most beneficial to the customers?

- A. (iv)
- B. (i)
- C. (iii)
- D. (ii)

**Q25 Mathematics**

If 3 times Mary's present age is 27 years more than 9 times Diya's present age, and 4 times Diya's present age is 7 years less than Mary's present age, then what is the difference (in years) between the ages of Mary and Diya?

- A. 10
- B. 17
- C. 13
- D. 8



Q26 Mathematics

A can lay railway track between two given stations in 19 days and B can do the same job in 11 days. With the help of C, they did the job in 2 days only. Then, C alone can do the job in

A. $12\frac{120}{149} \text{ days}$

B. $11\frac{120}{149} \text{ days}$

C. $6\frac{120}{149} \text{ days}$

D. $2\frac{120}{149} \text{ days}$ ✓

Q27 Mathematics

Pipe P can fill $\frac{5}{6}$ part of a tank in 30 hours, and pipe Q can fill $\frac{3}{4}$ part of the same tank in 27 hours.

Both P and Q were kept open for 2 hours, then both were closed. Pipe R alone was then opened and it emptied the water in the tank in 4 hours. Pipes P, Q and R together can fill the empty tank in:

A. 44 hours

B. 36 hours ✓

C. 48 hours

D. 54 hours

Q28 Mathematics

A trader claims to sell flour at a profit of 44%, but also dishonestly uses a weight which is 10% less than what is mentioned on it. Find the total percentage of profit earned by the trader. (Round off the answer to the nearest whole number.)

A. 63%

B. 60% ✓

C. 62%

D. 61%

Q29 Mathematics

Simplify: $2\left(\left(\frac{7}{2}\right)x^2 - 28x + 17\right) - 7(x^2 + 6x - 11)$

A. $98x - 111$

B. $-98x + 111$ ✓

C. $98x + 111$

D. $-98x - 111$



Q30 Mathematics**Simplify:**

$$\sec\theta (1 + \sin\theta)(\sec\theta - \tan\theta)$$

A. -1 B. $\sec\theta$ C. 1 D. $\tan\theta$ **General Intelligence & Reasoning**

30 Questions • Answer Key

Q31 General Intelligence & Reasoning

CROWD is related to HWTBI in a certain way based on the English alphabetical order. In the same way, DRAWN is related to IWFBS. To which of the given options is BRUSH related, following the same logic?

A. HXAYN

B. GWZXM



C. FVYWL

D. GWZYM

Q32 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. AVO



B. DYT

C. RMH

D. IDY

Q33 General Intelligence & Reasoning

Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

TKF 4, SJE 8, RID 12, QHC 16, ?

A. OFA 18

B. PGB 20



C. OGB 20

D. PFA 18

Q34 General Intelligence & Reasoning

In the following number-pairs, the second number is obtained by applying certain mathematical operation(s) to the first number. Select the number-pair in which the numbers are related in the same way as are the numbers of the following pairs.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding to/subtracting from/multiplying with 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

12, 134

9, 71

A. 16, 246



B. 15, 235

C. 13, 170

D. 11, 130

Q35 General Intelligence & Reasoning

In a row of 22 students facing north, Mayank is 15th from the left end. If Payal is 7th to the right of Mayank, what is Payal's position from the right end of the line?

A. 2ndB. 3rdC. 1stD. 4th**Q36 General Intelligence & Reasoning**

Each of the digits in the number 9231475 is arranged in ascending order from left to right. The position(s) of how many digits will remain unchanged as compared to that in the original number?

A. Three



B. None

C. One

D. Two



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Q37 General Intelligence & Reasoning

Pranay starts from Point A and drives 7 km towards the south. He then takes a left turn and drives 6 km, then turns left and drives 12 km. He then takes a left turn and drives 10 km. He takes a final left turn, drives 5 km and stops at Point P. How far (shortest distance) and in which direction should he drive in order to reach Point A again? (All turns are 90-degree turns only unless specified.)

A. 4 km to the east



B. 5 km to the west

C. 5 km to the east

D. 4 km to the west

Q38 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series?

73 76 81 90 107 ?

A. 155

B. 140



C. 123

D. 139

Q39 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. PRM

B. UWS



C. SUP

D. MOJ

Q40 General Intelligence & Reasoning

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.

Statements:

All magnets are rocks.

All rocks are soils.

Conclusions:

(I) Some soils are rocks.

(II) All magnets are soils.

A. Neither conclusion (I) nor (II) follows.

B. Only conclusion (I) follows.

C. Both conclusions (I) and (II) follow.



D. Only conclusion (II) follows.

Q41 General Intelligence & Reasoning

Five people, A, B, C, D and E are sitting in a straight line, facing North. B is sitting to the extreme left end. Only two people are sitting between D and B. E is seated second to the right of B. A is not an immediate neighbour of E. How many people are sitting to the right of C?

A. Two

B. Zero

C. One

D. Three

**Q42 General Intelligence & Reasoning**

If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 7856413, what will be the sum of the digits which are third from the left and third from the right in the new number thus formed?

A. 6

B. 12

C. 8



D. 10



Q43 General Intelligence & Reasoning

DACB is related to FCED in a certain way based on the English alphabetical order. In the same way, YVXW is related to AXZY. To which of the given options is VSUT related, following the same logic?

A. XTVV

B. XUVV

C. XUWV



D. XVVE

Q44 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series?

819 829 830 840 841 851 852 ?

A. 853

B. 862



C. 854

D. 861

Q45 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series?
21 23 33 51 77 ?

A. 112

B. 131

C. 140

D. 111

**Q46 General Intelligence & Reasoning**

Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) / 8 5 2 1 1 4 < \$ 2 & 8 # 7 5 & 3 + 1 6 ^ (Right)

How many such numbers are there that are immediately preceded by a symbol and also immediately followed by another number?

A. One

B. Three



C. Two

D. Four

Q47 General Intelligence & Reasoning

W is the daughter of A. A is the brother of K. K is the wife of E. E is the father of S. How is W related to S?

A. Mother's sister's son

B. Mother's brother's son

C. Mother's sister's daughter

D. Mother's brother's daughter

**Q48 General Intelligence & Reasoning**

Read the given statement(s) and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statement(s).

Statements:

Some Beetroots are Radishes.
Some Radishes are Onions.

Conclusions:

I. Some Beetroots are Onions.
II. No Beetroots are Onions.

A. Only conclusion (II) follows.

B. Neither conclusion (I) nor (II) follows.



C. Only conclusion (I) follows.

D. Both conclusions (I) and (II) follow.

Q49 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group? (Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. SWCI



B. VZFM

C. IMSZ

D. PTZG



Q50 General Intelligence & Reasoning

Seven boxes, N, O, T, F, A, R and M, are kept one over the other but not necessarily in the same order. M is kept immediately above A. N is kept immediately above O. Only T is kept above F. Only two boxes are kept above M. N is not kept at third position from the bottom.

How many boxes are kept between R and T?

A. Zero

B. Two

C. One

D. Three

Q51 General Intelligence & Reasoning

In a certain code language, 'TEMP' is coded as '3129' and 'ITEM' is coded as '1396'. What is the code for 'I' in the given code language?

A. 1

B. 9

C. 6

D. 3

Q52 General Intelligence & Reasoning

Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) 2 & % 4 6 Ω * 7 \$ £ 8 & 1 % @ 5 3 # * 9 (Right)

How many such symbols are there, each of which is immediately preceded by a number and also immediately followed by another number?

A. More than two

B. Two

C. None

D. One

Q53 General Intelligence & Reasoning

211 people are standing in a row facing north. Mr. Maxi is 9th from the left end while Mr. Han is 91st from the right end. How many people are there between Mr. Maxi and Mr. Han?

A. 109

B. 111

C. 110

D. 112

Q54 General Intelligence & Reasoning

SKEA is related to PGBW in a certain way based on the English alphabetical order. In the same way, GUSK is related to DQPG. To which of the given options is XIJY related, following the same logic?

A. PPOI

B. UEGU

C. UIOP

D. UGEU

Q55 General Intelligence & Reasoning

Seven people A, B, C, D, E, F and G are sitting in a row, facing the north. Only one person sits to the right of B. E sits third from the left end of the row. G is the immediate neighbour of F and B. C sits to the immediate left of A. How many people sit to the left of D?

A. Four

B. Six

C. Five

D. Three

Q56 General Intelligence & Reasoning

What will come in the place of the question mark (?) in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged?

$$26 \times 4 \div 8 - 15 + 6 = ?$$

A. 60

B. 61

C. 62

D. 59

Q57 General Intelligence & Reasoning

Satheesh starts from his home and drives 5 km towards north. He then takes a left turn, drives 6 km, turns left, and drives 4 km. He then takes a right turn and drives 5 km and turns right, then drives 3 km to reach his office. In which direction is the office with respect to his home? (Note: All turns are 90° turns only, unless specified.)

A. South

B. North

C. North-west

D. West



Q58 General Intelligence & Reasoning

What should come in place of ? in the given series based on the English alphabetical order?

ELY FNX GPW HRV ?

A. ITU



B. HYV

C. HGU

D. IUV

Q59 General Intelligence & Reasoning

In a certain code language, 'LIKE' is coded as '7029' and 'KAIL' is coded as '1279'. What is the code for 'A' in the given code language?

A. 9

B. 7

C. 1



D. 2

Q60 General Intelligence & Reasoning

If 1 is added to each even digit and 3 is subtracted from each odd digit in the number 943372856, what will be difference between the highest and lowest digits thus formed?

A. 6

B. 7

C. 8

D. 9

**General Awareness**

40 Questions • Answer Key

Q61 General Awareness

Who among the following threw 19.59 m to bag Silver medal in Shot Put at Asian U-18 Athletics Championship in April 2025?

A. Vidhi

B. VS Anupriya

C. Nishchay



D. Anuragh G

Q62 General Awareness

Proteins are mainly responsible for which of the following?

A. Providing quick energy

B. Growth and repair of tissues



C. Improving digestion

D. Enhancing memory power

Q63 General Awareness

Which of the following options correctly describes the scope of judicial review under the Constitution of India?

A. Only the Supreme Court can declare laws unconstitutional.

B. Both, Supreme Court and High Courts can strike down unconstitutional laws.



C. Judicial review is explicitly mentioned in the Constitution (Article 13).

D. Courts can review any law only after approval by the Parliament.

Q64 General Awareness

Which special representation in the Lok Sabha and State Assemblies was discontinued by the 104th Constitutional Amendment Act, 2020?

A. SC/ST Reservation

B. Reservation for Women

C. OBC Reservation

D. Anglo-Indian Reservation



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Q65 General Awareness

Why is canal irrigation more suitable in the northern plains of India?

- A. The rivers flow only during monsoon season.
- B. The surface is uneven and covered with hills.
- C. The flat land and perennial rivers support canal networks. ✓
- D. The area suffers from very low annual rainfall.

Q66 General Awareness

Which shortcut key opens System Settings quickly in Windows 10/11?

- A. Windows + D
- B. Windows + I ✓
- C. Ctrl + Alt + Del
- D. Alt + F4

Q67 General Awareness

In April 2025, DOT announced funding of two specialised national testbeds for 6G R&D. One focuses on THz communication; which domain does the other explore?

- A. Quantum key distribution
- B. Advanced optical communication ✓
- C. Satellite backhaul
- D. Visible-light communication

Q68 General Awareness

The famous slogan "Swaraj is my birthright and I shall have it" was given by _____.

- A. Bal Gangadhar Tilak ✓
- B. Dadabhai Naoroji
- C. Subhas Chandra Bose
- D. Mahatma Gandhi

Q69 General Awareness

What was the capital of Awadh when it was established in 1722?

- A. Gorakhpur
- B. Fatehpur
- C. Bareilly
- D. Faizabad ✓

Q70 General Awareness

Which acid and its salts are widely used as food preservatives to prevent the growth of mould, yeast and fungi?

- A. Sorbic acid ✓
- B. Boric Acid
- C. Perchloric acid
- D. Malic acid

Q71 General Awareness

Software Technology Parks of India (STPI) is a premier S&T organisation under which of the following ministries of the Government of India?

- A. Ministry of Home Affairs
- B. Ministry of Science and Technology
- C. Ministry of Communications
- D. Ministry of Electronics and Information Technology (MeitY) ✓

Q72 General Awareness

During 1950–1990, India mainly exported which type of goods?

- A. Crude oil
- B. Automobiles
- C. Primary products ✓
- D. Capital goods

Q73 General Awareness

Through which of the following states do the Western Ghats pass?

- A. Bihar
- B. Punjab
- C. Uttar Pradesh
- D. Tamil Nadu ✓

Q74 General Awareness

Which force will get the Ashwini radar system under the ₹2,906-crore deal signed in March 2025?

- A. Indian Air Force ✓
- B. Indian Army
- C. Indian Coast Guard
- D. Indian Navy



Q75 General Awareness

In the K. Umadevi v. Government of Tamil Nadu case, 2022, the Supreme Court granted maternity benefits for the third child under the Maternity Benefit (Amendment) Act, 2017, stating it is a constitutional right. Which fundamental right did the Court link this benefit to?

- A. Right against Exploitation under Article 23
- B. Right to Life under Article 21 ✓
- C. Right to Education under Article 21A
- D. Right to Equality under Article 14

Q76 General Awareness

Which Indian State/Union Territory inaugurated modern sports facilities, including chess centres and a snooker hall, in 2025?

- A. Chandigarh ✓
- B. Punjab
- C. Maharashtra
- D. Andaman and Nicobar

Q77 General Awareness

Article 371A of the Indian Constitution grants special provisions for the state of _____.

- A. Punjab
- B. Rajasthan
- C. Nagaland ✓
- D. Kerala

Q78 General Awareness

Where was the bilateral naval exercise SLINEX 24 conducted between India and Sri Lanka in December 2024?

- A. Colombo
- B. Visakhapatnam ✓
- C. Chennai
- D. Kochi

Q79 General Awareness

Which of the following sectors has been classified as infrastructure by the Government of India for improved financing access?

- A. Apparel
- B. Education
- C. Warehousing ✓
- D. Retail

Q80 General Awareness

The neighbouring countries Peru and Chile are located in which continent?

- A. Europe
- B. Asia
- C. South America ✓
- D. Africa

Q81 General Awareness

Which of the following Constitutional provisions can be amended by an ordinary Act of Parliament (simple majority), rather than through the special procedure under Article 368?

- A. Article 368 (the Amendment procedure itself)
- B. Article 356 (President's Rule in states)
- C. Article 2 (Parliament may by law admit new states) ✓
- D. Article 14 (equality before law)

Q82 General Awareness

Which of the following traditional folk theatre forms is famous in Maharashtra?

- A. Yakshagana
- B. Bhavai
- C. Nautanki
- D. Tamasha ✓

Q83 General Awareness

Which of the following events is known as India's biggest multi-sport national competition?

- A. Khelo India Youth Games
- B. Pro Kabaddi League
- C. National Games ✓
- D. Indian Premier League

Q84 General Awareness

PM Modi's review of NTEP in May 2025 urged volunteers called _____ to adopt AI tools for patient follow-up.

- A. Swasth Sanginis
- B. Nikshay Mitras ✓
- C. TB Mitra
- D. Arogya Sahayaks



Q85 General Awareness

Which Indian athlete set a new national record in the 200m sprint at the 2025 Asian Athletics Championships?

- A. Gurindervir Singh
- B. Animesh Kujur
- C. Amlan Borgohain
- D. Amiya Mallick

Q86 General Awareness

On May 27, 2025, the Rajasthan High Court issued a directive regarding FIRs and financial transactions. What was one of the key mandates?

- A. All property transactions must be conducted through digital payments.
- B. All FIRs must be approved by a magistrate before registration.
- C. Courts must report cash transactions over ₹2 lakh to the Income Tax Department.
- D. FIRs can only be filed for criminal offenses, not civil disputes.

Q87 General Awareness

Who among the following has been appointed as the International Trade Negotiator by China in April 2025?

- A. Jiang Zaidong
- B. Wang Shouwen
- C. Xu Feihong
- D. Li Chenggang

Q88 General Awareness

Chilika Lake and Pulicat Lake are located in which of the following?

- A. West Coast of India
- B. East Coast of India
- C. Konkan Coast
- D. Malabar Coast

Q89 General Awareness

Why does a diverse society need a constitution?

- A. To eliminate all differences
- B. To allow rulers to dominate others
- C. To provide basic rules for coordination and assurance
- D. To impose religious uniformity

Q90 General Awareness

Colonial policies led to the commercialisation of agriculture. Which of the following crops was encouraged for export during British rule?

- A. Barley
- B. Indigo
- C. Maize
- D. Pulses

Q91 General Awareness

What happens when you double-click an icon on the desktop?

- A. It gets deleted.
- B. It goes to the Taskbar.
- C. It minimizes the window.
- D. It opens the application or file.

Q92 General Awareness

Which of the following agencies collaborated on India's first Quantum Key Distribution over a Multi-Core Fibre in 2025?

- A. C-DOT & Sterlite Technologies Ltd.
- B. DRDO & IIT-B
- C. NIC & BEL
- D. CSIR & ISRO

Q93 General Awareness

Which Article of the Indian Constitution states that a person who had voluntarily acquired the citizenship of a foreign State shall NOT be considered a citizen of India at the commencement of the Constitution under Articles 5, 6, or 8?

- A. Article 11
- B. Article 9
- C. Article 12
- D. Article 10

Q94 General Awareness

In which of the following years was Ishwar Chandra Vidyasagar born, who is remembered for his efforts in widow remarriage and the abolition of polygamy in Hindu society?

- A. 1812
- B. 1820
- C. 1849
- D. 1835



Q95 General Awareness

Which leader founded the Servants of India Society to train Indians for national service and political awareness?

- A. Motilal Nehru
- B. Bal Gangadhar Tilak
- C. Gopal Krishna Gokhale ✓
- D. BR Ambedkar

Q96 General Awareness

Which organelle is responsible for photosynthesis in plants?

- A. Mitochondria
- B. Chloroplast ✓
- C. Leucoplast
- D. Chromoplast

Q97 General Awareness

During the Chola rule, which of the following was the land donated to Jaina institutions?

- A. Shalabhoga
- B. Pallichchhandam ✓
- C. Tirunamattukkani
- D. Vellanvagai

Q98 General Awareness

Which book written in Kannada received the 2025 International Booker Prize?

- A. Diotima
- B. The Girl with the Seven Lives
- C. Cascades
- D. Heart Lamp ✓

Q99 General Awareness

Which of the following indicators is NOT directly included in the calculation of the Human Development Index (HDI)?

- A. Gross National Income per capita
- B. Mean years of schooling
- C. Life expectancy at birth
- D. Infant mortality rate ✓

Q100 General Awareness

Which of the following pollutants is/are primarily responsible for causing acid rain?

- A. Sulphur dioxide and nitrogen oxides ✓
- B. Methane
- C. Ozone
- D. Carbon monoxide



Mathematics

30 Questions • Answer Key

Q1 Mathematics

Anand, Preeti and Dev invested ₹1,310, ₹1,350 and ₹1,140, respectively to start a business. If the profit at the end of the year is ₹1,630, what is Dev's share of the profit?

A. ₹487

B. ₹489

C. ₹490

D. ₹488

Q2 Mathematics

The LCM of $4^3 \times 6^2 \times 15$, $4^2 \times 15^2 \times 19$ and $6^3 \times 15^2 \times 19^2$ is:

A. $28 \times 35 \times 53 \times 192$ B. $28 \times 34 \times 52 \times 192$ C. $29 \times 35 \times 52 \times 192$ D. $28 \times 35 \times 52 \times 192$

Q3 Mathematics

What smallest number should be added to 74978 so that the sum is completely divisible by 24?

A. 22

B. 26

C. 20

D. 17

Q4 Mathematics

If the interest earned during the 2nd year on a certain sum is ₹1,760, and the rate of interest is 10% per annum compounded annually, then the sum is:

A. ₹15,990

B. ₹15,495

C. ₹16,000

D. ₹16,405

Q5 Mathematics

Find the simple interest (in ₹) if a sum of ₹400 is borrowed for 4.5 years at 20% per annum rate of interest.

A. 340

B. 360

C. 460

D. 410

Q6 Mathematics

The population of a district is 374000, out of which 170000 are males. 78% of the population is literate. If 72% males are literate, then what percentage of females are literate?

A. 80%

B. 83%

C. 81%

D. 85%

Q7 Mathematics

Simplify: $x(8x - 7) + 7(x^2 - 5) + 14$

A. $15x^2 - 7x - 21$ B. $-15x^2 - 7x + 21$ C. $-15x^2 - 7x - 21$ D. $15x^2 - 7x + 21$

Q8 Mathematics

Anshuman and Kunal together invested ₹48,300 in a business. At the end of the year, out of a total profit of ₹14,000, Kunal's share was ₹6,000. What was the difference between their investments?

A. ₹6,900

B. ₹7,640

C. ₹6,500

D. ₹5,940



Q9 Mathematics

The marks scored by 10 students are given below.

19, 15, 10, 14, 13, 18, 19, 19, 11, 11

The mode of the data is:

A. 19



B. 10

C. 20

D. 15

Q10 Mathematics

Five solid cubes, each of volume 512000 cm^3 , are joined end to end to form a cuboid. What is the lateral surface area (in cm^2) of the cuboid?

A. 76949

B. 76820

C. 76800



D. 76903

Q11 Mathematics

The sum of two numbers is 121 and their L.C.M. is 264. What are the two numbers?

A. 93, 28

B. 81, 40

C. 86, 35

D. 88, 33

**Q12 Mathematics**

A toy designer is making a spherical ball with a radius of 6 cm. What is the surface area of the ball? (Use $\pi = 3.14$)

A. 301.44 cm^2

B. 452.16 cm^2



C. 282.74 cm^2

D. 678.24 cm^2

Q13 Mathematics

A shopkeeper lists the price of a fan at 50% above its cost price and offers a 30% discount on its list price. If he earns a profit of ₹91, then what is the list price (in ₹) of the fan?

A. 2,774

B. 3,025

C. 2,730



D. 2,697

Q14 Mathematics

If one interior angle of a regular polygon is greater than its exterior angle by 144° , how many sides does the polygon have?

A. 19

B. 21

C. 20



D. 18

Q15 Mathematics

6 years ago, the age of a father was 34 years more than twice his son's age. After how many years, from now, will he be twice his son's age?

A. 24

B. 26

C. 28



D. 23

Q16 Mathematics

The average weight of Gopal, Akshay and Atul is 45 kg. If the average weight of Gopal and Akshay is 44 kg and that of Akshay and Atul is 46 kg, then the weight of Akshay (in kg) is:

A. 65

B. 55

C. 60

D. 45

**Q17 Mathematics**

If the third proportional of 9 and 51 be x, then what is the value of x?

A. 291

B. 287

C. 289



D. 288

Q18 Mathematics

A dealer wants to make a 20% profit on a smart watch that costs him ₹1,575. To attract customers, he plans to offer a 10% discount on the listed price. At what price should he list the smart watch to achieve his desired profit?

A. ₹1,890

B. ₹1,654

C. ₹2,100



D. ₹1,918



Q19 Mathematics

Yash travels 152 km at 38 km/hr, the next 189 km at 63 km/hr and the next 375 km at 75 km/hr. What is his average speed (in km/hr) for the whole journey? (Round off your answer to two decimal places)

A. 59.67



B. 58.22

C. 51.83

D. 70.03

Q20 Mathematics

Mahesh bought some pens at the rate of ₹150 a dozen. He sold them for ₹44 each. His profit percentage is ____%.

A. 256

B. 254

C. 252



D. 250

Q21 Mathematics

A number, when increased by 80%, gives 2520. The number is:

A. 2800

B. 700

C. 4200

D. 1400

**Q22 Mathematics**

The marked price of an article is ₹4,500. It is sold at successive discounts of 25% and 20%. Find the selling price of the article (in ₹).

A. 2,900

B. 2,700



C. 2,750

D. 2,800

Q23 Mathematics

The cost of 9 pens and 9 pencils is ₹252. If the cost of a pen decreases by ₹1 and the cost of a pencil increases by ₹3, then the cost of 13 pens and 3 pencils is ₹100. What is the original cost of 10 pens and 19 pencils?

A. ₹514



B. ₹516

C. ₹517

D. ₹513

Q24 Mathematics

Which of the following numbers divides 2,45,015?

A. 11

B. 15

C. 5



D. 2

Q25 Mathematics

Find the value of: $[428 \div \{17 + 8 \times (5 - 7)\}]$.

A. 426

B. 428



C. 427

D. 429

Q26 Mathematics

Arjun and Malaika have to travel from Delhi to Kanpur in their respective cars. Arjun is driving at 140 km/hr while Malaika is driving at 65 km/hr. Find the time taken by Malaika to reach Kanpur if Arjun takes 13 hours.

A. 25 hours

B. 34 hours

C. 28 hours



D. 26 hours



Q27 Mathematics

Pipe A can fill a tank in 16 hours, pipe B can fill the same tank in 21 hours and pipe C can fill the same tank in 15 hours. The time taken by them to fill the same tank if they operate together is::

A. $6\frac{65}{99} \text{ hours}$

B. $8\frac{65}{99} \text{ hours}$

C. $5\frac{65}{99} \text{ hours}$ 

D. $7\frac{65}{99} \text{ hours}$

Q28 Mathematics

Pipe P can fill $\frac{5}{7}$ part of a tank in 30 hours, and pipe Q can fill $\frac{4}{7}$ part of the same tank in 12 hours.

Both P and Q were kept open for 7 hours, then both were closed. Pipe R alone was then opened and it emptied the water in the tank in 9 hours. Pipes P, Q and R together can fill the empty tank in:

A. 63 hours 

B. 78 hours

C. 56 hours

D. 82 hours

Q29 Mathematics

What is the value of the given expression?

$$\frac{\sin^4 A - \cos^4 A + 1}{1 + \frac{1}{\tan^2 A}}$$

A. $2\sin^2 A + \tan^2 A$

B. $2\sin^4 A$ 

C. $2\sin A \cdot \cos A$

D. $\frac{\sin A \cdot \cos A}{\tan^2 A}$



Q30 Mathematics

The value of $8^2 + \sqrt{9^2} - 4\sqrt{25} - 14$ is

A. 39



B. 48

C. 49

D. 45

General Intelligence & Reasoning

30 Questions • Answer Key

Q31 General Intelligence & Reasoning

Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding to/subtracting from/multiplying with 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(16, 63, 16)

(36, 111, 4)

A. (1, 12, 6)

B. (44, 155, 20)

C. (47, 144, 4)



D. (48, 162, 15)

Q32 General Intelligence & Reasoning

Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) 3 4 7 # # # 5 * £ 8 2 £ & € 2 \$ £ @ 3 # 7 & (Right)

How many such symbols are there each of which is immediately preceded by a number and also immediately followed by a symbol?

A. 5

B. 6

C. 4



D. 3

Q33 General Intelligence & Reasoning

Seven people, I, J, K, L, P, Q and R are sitting in a row, facing north. Only J sits to the left of P. Only four people sit between J and I. Only K sits between R and Q. R is not an immediate neighbour of I. Who sits at the extreme right end of the line?

A. L



B. K

C. R

D. I

Q34 General Intelligence & Reasoning

If 'A' stands for '÷', 'B' stands for 'x', 'C' stands for '+' and 'D' stands for '-', what will come in place of the question mark (?) in the following equation?

48 D 14 B 3 C 27 A 3 = ?

A. 15



B. 37

C. 31

D. 24

Q35 General Intelligence & Reasoning

RUWU is related to YBDB in a certain way based on the English alphabetical order. In the same way, JMOM is related to QTVT. To which of the given options is TWYW related, following the same logic?

A. ADFD



B. AEEL

C. ADED

D. ACED



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Q36 General Intelligence & Reasoning

Mr. Into ranked 49th from the bottom and 56th from the top in his class. How many students are there in his class?

A. 103

B. 107

C. 104



D. 105

Q37 General Intelligence & Reasoning

What will come in the place of the question mark (?) in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged?

$$57 \times 3 - 11 \div 7 + 42 = ?$$

A. 52

B. 54



C. 50

D. 56

Q38 General Intelligence & Reasoning

In a certain code language, 'reading is important' is written as 'pb mk lo' and 'is it raining' is coded as 'jo mt pb'. How is 'is' coded in the given language?

A. pb



B. jo

C. lo

D. mk

Q39 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series?

27 31 40 56 81 ?

A. 118

B. 117



C. 121

D. 120

Q40 General Intelligence & Reasoning

If 2 is added to each even digit and 1 is subtracted from each odd digit in the number 91526374, what will be the sum of second digit from left and third digit from right in the new number thus formed?

A. 2



B. 10

C. 14

D. 6

Q41 General Intelligence & Reasoning

In a certain code language,

A \$ B means 'A is the son of B'

A + B means 'A is the brother of B'

A @ B means 'A is the wife of B'

A ÷ B means 'A is the father of B'

Based on the above, how is E related to N if 'E @ F \$ G ÷ M + N'?

A. Wife

B. Brother's wife



C. Daughter

D. Brother's daughter

Q42 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter cluster pairs are alike in a certain way and thus form a group. Which is the one that DOES NOT belong to that group? (NOTE: The odd one out is not based on the number of consonants/vowels or their position in the letter cluster.)

A. TM-WR

B. JC-MH

C. OH-RN



D. NG-QL

Q43 General Intelligence & Reasoning

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements: Some notes are books. All books are tables.

Conclusion (I): Some notes are tables.

Conclusions (II): All tables are books.

A. Only conclusion (II) follows.

B. Both conclusions (I) and (II) follow.

C. Neither conclusion (I) nor (II) follows.

D. Only conclusion (I) follows.



Q44 General Intelligence & Reasoning

Seven people, I, J, K, L, M, N and O, are sitting in a row, facing north. Only J sits to the left of O. Only four people sit between J and I. Only K sits between M and N, and M is not an immediate neighbor of I. Who sits at the extreme right of the line?

A. L



B. O

C. M

D. I

Q45 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. MQ-HN

B. SW-NU



C. PT-KQ

D. JN-EK

Q46 General Intelligence & Reasoning

Rahul starts from Point Y and drives 14 km towards the north. He then takes a right turn, drives 6 km, then he turns right and drives 20 km. He then takes a right turn and drives 12 km. He takes a final right turn, drives 6 km and stops at Point Z. How far (shortest distance) and towards which direction should he drive in order to reach Point Y again? (All turns are 90-degree turns only unless specified.)

A. 4 km towards the north

B. 6 km towards the north

C. 6 km towards the east



D. 4 km towards the east

Q47 General Intelligence & Reasoning

In the following triads, each group of letters is related to the subsequent one following a certain logic. Select from the given options, the one which follows the same logic.

TOWN - NWTO - TWON
CLAW - WACL - CALW

A. FUME - UMFE - UMEF

B. PICK - KCPI - PCIK



C. ROSE - RSOE - ESOR

D. HALF - FLHA - ALHF

Q48 General Intelligence & Reasoning

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.

Statements:

All letters are mails.

All schedules are mails.

Conclusions:

(I) Some letters are schedules.

(II) Some mails are schedules.

A. Neither conclusion (I) nor (II) follows.

B. Only conclusion (I) follows.

C. Only conclusion (II) follows.



D. Both conclusions (I) and (II) follow.

Q49 General Intelligence & Reasoning

If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 7453186, how many digits will appear more than once in the new number thus formed?

A. None

B. One

C. Three



D. Two

Q50 General Intelligence & Reasoning

Seven boxes L, M, N, O, P, Q and R are kept one over the other but not necessarily in the same order. M is kept fourth from the bottom. O is placed immediately below M. Q is placed immediately above R. P is the topmost box. M is placed immediately below L. Which box is placed at the bottom?

A. O

B. R



C. L

D. Q



Q51 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group? (Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. NTYE



B. KQVC

C. RXCJ

D. OUZG

Q52 General Intelligence & Reasoning

BGLY is related to DJNB in a certain way based on the English alphabetical order. In the same way, JSTK is related to LVVN. To which of the given options is PBZT related, following the same logic?

A. REWB

B. RWBY

C. REBW



D. RWYI

Q53 General Intelligence & Reasoning

Seven boxes V, W, X, Y, Z, Q and R are kept one over the other but not necessarily in the same order. Only two boxes are kept below Z. Only one box is kept above W. Only one box is kept between W and Q. V is kept immediately above Y. R is kept at some place below X. How many boxes are kept between X and V?

A. Three

B. One

C. Two

D. Four

**Q54 General Intelligence & Reasoning**

Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

JMR11 KNS20 LOT29 MPU38 ?

A. NQV47



B. NQU42

C. NQV56

D. NQU46

Q55 General Intelligence & Reasoning

Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) 8 & % 1 @ 2 3 \$ 9 & 6 Ω 4 # 5 * £ 7 (Right)

If all the symbols are dropped from the series, which of the following will be fourth from the right?

A. 9

B. 6



C. 4

D. 2

Q56 General Intelligence & Reasoning

Rishabh starts from Point A and drives 9 km towards west. He then takes a left turn, drives 8 km, turns left and drives 15 km. He then takes a right turn and drives 6 km. He takes a final right turn, drives 6 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90° turns only unless specified.)

A. 16 km towards east

B. 14 km towards south

C. 14 km towards north



D. 16 km towards west

Q57 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series based on the English alphabetical order?

WVH BAM GFR LKW ?

A. QPB



B. QBP

C. QWE

D. QEW

Q58 General Intelligence & Reasoning

In a certain code language, 'BLUE' is coded as '7524' and 'UNIT' is coded as '1356'. What is the code for 'U' in the given code language?

A. 1

B. 2

C. 6

D. 5



Q59 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series?

85 86 88 92 100 ?

A. 117

B. 118

C. 115

D. 116

**Q60 General Intelligence & Reasoning**

What should come in place of the question mark (?) in the given series?

3 12 30 57 93 ?

A. 140

B. 135

C. 138



D. 130

General Awareness

40 Questions • Answer Key

Q61 General Awareness

Which of the following is the correct method to rename a file or folder using the left mouse button?

A. Select the file → Press F1 → Type new name → Press Enter

B. Select the file → Press F2 or click once on the name → Type new name → Press Enter



C. Double-click the file name → Type the new name → Press Esc

D. Click and drag the file → Rename it in the pop-up window

Q62 General Awareness

During the Later Vedic period, which of the following animals was specifically mentioned as useful for ploughing swampy land?

A. Horse

B. Buffalo



C. Elephant

D. Cow

Q63 General Awareness

In the first phase of the Green Revolution (approximately mid 1960s upto mid 1970s), the use of HYV seeds was restricted to the more affluent states such as _____.

A. Rajasthan, Gujarat and Kerala

B. Bihar, Odisha and West Bengal

C. Maharashtra, Uttar Pradesh and Assam

D. Punjab, Andhra Pradesh and Tamil Nadu

**Q64 General Awareness**

At what age did Gautama Buddha attain Enlightenment (Nirvana) at Bodh Gaya in Bihar?

A. 42 years

B. 49 years

C. 29 years

D. 35 years

**Q65 General Awareness**

Which of the following correctly differentiates between RAM and ROM?

A. ROM performs all logical operations, while RAM controls input devices

B. RAM is permanent memory while ROM is volatile

C. ROM is used to store data temporarily during program execution

D. RAM loses its content when the computer is turned off, while ROM retains its data

**Q66 General Awareness**

Which theory suggests that planets were formed out of a cloud of material surrounding a young Sun?

A. Collision Theory

B. Big Bang Theory

C. Binary Star Hypothesis

D. Nebular Hypothesis



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Q67 General Awareness

In which of the following years was Delhi Metro Rail Corporation established?

- A. 1999
- B. 1992
- C. 1995
- D. 1997

Q68 General Awareness

In which event, at The Ten 2025 athletics meet in San Juan Capistrano, USA, did Gulveer Singh break his own national record in March 2025?

- A. Marathon
- B. 5,000m race
- C. 10,000m race
- D. 3,000m steeplechase

Q69 General Awareness

What is the full name of MNREGA in the Indian policy context?

- A. Modern National Rural Employment Growth Act
- B. Mainstream National Rural Education Guarantee Act
- C. Ministry for National Rural Employment Growth Agenda
- D. Mahatma Gandhi National Rural Employment Guarantee Act

Q70 General Awareness

What minimum legal practice experience did the Supreme Court mandate on 20 May 2025 for applicants to the Civil Judge (Junior Division) post?

- A. One year of legal practice experience
- B. Four years of legal practice experience
- C. Three years of legal practice experience
- D. Two years of legal practice experience

Q71 General Awareness

Which of the following constitutional mechanisms ensures political representation for Scheduled Castes and Scheduled Tribes in the Indian Parliament?

- A. Article 330 and 332
- B. Article 341 and 342
- C. Article 15 and 16
- D. Article 338 and 339

Q72 General Awareness

According to the Climate Risk Index 2025, what is India's long-term rank (1993–2022) among the most affected countries by extreme weather events?

- A. 6th
- B. 9th
- C. 12th
- D. 3rd

Q73 General Awareness

The first human gene therapy experiment, which began in September 1990, used a retroviral vector against which deficiency?

- A. Adenosine deaminase
- B. Mitochondrial encephalopathy
- C. 3-Methylglutaconic Aciduria
- D. X-Linked Adrenoleukodystrophy

Q74 General Awareness

For a spontaneous process at constant temperature and pressure, the Gibbs free energy change is _____.

- A. $\Delta G = 0$
- B. $\Delta G > 0$
- C. $\Delta G < 0$
- D. $\Delta G = \Delta H + T\Delta S$

Q75 General Awareness

Which of the following rivers flows through a small part of the Great Indian Desert?

- A. Ravi
- B. Mahanadi
- C. Satluj
- D. Luni

Q76 General Awareness

In which of the following years was the Bharatmala Pariyojana approved by the Government of India covering a length of 34,800 km to improve connectivity and reduce logistics cost in the country?

- A. 2014
- B. 2024
- C. 2017
- D. 2022



Q77 General Awareness

The Pochampad Dam is also known as _____.

A. Sri Rama Sagar Project



B. Hirakud Project

C. Bhakra Nangal Project

D. Nagarjuna Sagar Project

Q78 General Awareness

In which of the following years did Vasco da Gama land in Calicut on the Malabar Coast for the second time?

A. 1511

B. 1502



C. 1509

D. 1505

Q79 General Awareness

Which of the following statements about the Right to Property in India is correct?

A. It is a fundamental right under Article 32 of the Constitution.

B. It is a fundamental right under Article 31 (now omitted).

C. It is no longer a fundamental right.



D. It was completely abolished by the Forty-Second Amendment (1976).

Q80 General Awareness

Who is the Governor of the Reserve Bank of India as of May 2025?

A. Raghuram Rajan

B. Shaktikanta Das

C. Urjit Patel

D. Sanjay Malhotra

**Q81 General Awareness**

Which of the following Bengali writers composed the famous novel Anandamath?

A. Sarat Chandra Chattopadhyay

B. Bankim Chandra Chattopadhyay



C. Kazi Nazrul Islam

D. Rabindranath Tagore

Q82 General Awareness

Sharing borders with the states of Kerala and Karnataka, Mudumalai National Park of Tamil Nadu is a part of which biosphere reserve of India?

A. Nilgiri Biosphere Reserve



B. Kangchendzonga Biosphere Reserve

C. Agasthyamalai Biosphere Reserve

D. Nokrek Biosphere Reserve

Q83 General Awareness

Which part of the Indian Constitution deals with special provisions for Scheduled Castes, Scheduled Tribes, and other backwards classes?

A. Part IX

B. Part XVI



C. Part III

D. Part IV

Q84 General Awareness

After a hundred years of conquest and administration, the English East India Company faced a massive uprising that took place in _____.

A. 1855

B. 1854

C. 1857



D. 1856

Q85 General Awareness

Andhra Pradesh was formed in 1953 by separating Telugu-speaking areas from which of the following states?

A. Karnataka

B. Kerala

C. Tamil Nadu

D. Madras

**Q86 General Awareness**

The DBT-funded project that first produced a GMP-grade viral vector for Indian CAR-T research was supported under which flagship scheme?

A. National Biopharma Mission



B. PACE

C. Biotechnology Ignition Grant

D. Atal Jai Anusandhan



Q87 General Awareness

The Koyna Project is constructed on a tributary of the River Krishna in which state?

- A. Andhra Pradesh
- B. Tamil Nadu
- C. Karnataka
- D. Maharashtra

**Q88 General Awareness**

Who among the following was the runner-up defeated by Viktor Axelsen in his third India Open victory in the 2025 India Open Badminton Tournament in January 2025?

- A. Chou Tien Chen
- B. Anthony Sinisuka Ginting
- C. Lee Cheuk Yiu
- D. Lakshay Sen

**Q89 General Awareness**

As per the Ministry of Defence's Year End Review 2024 (PIB), what is the number of C-295 aircraft to be indigenously built by TASL in India?

- A. 56
- B. 40
- C. 72
- D. 65

**Q90 General Awareness**

What was the theme for National Safety Day, observed on 4 March 2025?

- A. Safety & Well-being Crucial for Viksit Bharat
- B. Safety First: Every Day
- C. Safety Awareness: A National Priority
- D. Secure India: Secure Future

**Q91 General Awareness**

In 2025, who launched 'Srjanam', India's first indigenous automated bio medical waste treatment plant?

- A. HD Kumaraswamy
- B. Manohar Lal
- C. Dr. Jitendra Singh
- D. Nitin Jairam Gadkari

**Q92 General Awareness**

How many facial bones are there in the face skeleton, each with its own anatomical landmarks and stage of development?

- A. 14
- B. 21
- C. 18
- D. 11

**Q93 General Awareness**

Which Fundamental Right was removed from the Indian Constitution by the 44th Amendment Act, 1978?

- A. Right to Freedom
- B. Right to Education
- C. Right to Equality
- D. Right to Property

**Q94 General Awareness**

Which of the following sectors contributed significantly to India's GDP growth after the 1991 reforms?

- A. Agriculture
- B. Cottage industries
- C. Public sector enterprises
- D. Services sector

**Q95 General Awareness**

Which advanced radar systems are being deployed under a ₹5,700-crore contract signed in March 2024 and operational from April 2025 to strengthen India's air defence network?

- A. Synthetic aperture radars
- B. Over-the-horizon radars
- C. Passive electronically scanned array radars
- D. High-Power Radars (HPR)

**Q96 General Awareness**

The UK-India Free Trade Agreement that concluded on 6 May 2025, primarily aims to reduce barriers to which sector listed first in its conclusion summary?

- A. Digital trade and e-commerce
- B. Legal services
- C. Medicinal products
- D. Agricultural commodities



Q97 General Awareness

The ____ developed 32-bit microprocessors for space applications named VIKRAM3201 and KALPANA3201.

- A. Japan Aerospace Exploration Agency
- B. European Space Agency
- C. Indian Space Research Organization ✓
- D. National Aeronautics and Space Administration

Q98 General Awareness

Which country ranked 10th in the Climate Change Performance Index (CCPI) 2025 report released at the annual UN climate conference in Baku?

- A. China
- B. Brazil
- C. South Africa
- D. India ✓

Q99 General Awareness

As of December 2024, what is the age eligibility of player to avail facility of Retired Sportsperson Empowerment Training (RESET) Programme?

- A. 20-45 years
- B. 18-40 years
- C. 20-50 years ✓
- D. 25-55 years

Q100 General Awareness

In which year was the 2030 Agenda for Sustainable Development adopted by the United Nations Member States?

- A. 2017
- B. 2015 ✓
- C. 2016
- D. 2014



Mathematics

30 Questions • Answer Key

Q1 Mathematics

Train A leaves station M at 6:30 AM and reaches station N at 3:30 PM on the same day. Train B leaves station N at 8:30 AM and reaches station M at 2:30 PM on the same day. Find the time when trains A and B meet.

A. 12:18 PM

B. 11:18 AM ✓

C. 11:38 AM

D. 11:08 AM

Q2 Mathematics

X, Y and Z invest a sum in the ratio of 16 : 82 : 2, respectively. If they earned a total profit of ₹2,750 at the end of the year, then what is the difference between share of Y and Z?

A. ₹2,191

B. ₹2,159

C. ₹2,200 ✓

D. ₹2,122

Q3 Mathematics

Find the simple interest (in ₹) on ₹1,200 at an interest rate of 4% per month for 10 months.

A. ₹480

B. ₹80

C. ₹60

D. ₹40 ✓

Q4 Mathematics

The HCF and LCM of two numbers are 72 and 432, respectively. If one of the numbers is 144, find the other one.

A. 288

B. 144

C. 72

D. 216 ✓

Q5 Mathematics

Find the mean proportional of 96 and 54.

A. 75

B. 71

C. 69

D. 72 ✓

Q6 Mathematics

The average weight of a family of five members whose weights are 40 kg, 49 kg, 56 kg, 75 kg and 37 kg is:

A. 50.4 kg

B. 51.4 kg ✓

C. 53.4 kg

D. 52.4 kg

Q7 Mathematics

A trader offers one kitchen set free with each kitchen set purchased at the marked price. If he still makes a profit of 20%, at what percentage above the cost price has the trader marked the kitchen set?

A. 50%

B. 150%

C. 140% ✓

D. 40%

Q8 Mathematics

A man goes to Nagpur from Visakhapatnam at a speed of 3 km/hr and returns to Visakhapatnam at speed of 6 km/hr, through the same route. What is his average speed (in km/hr) of the entire journey?

A. 4 ✓

B. 7

C. 3

D. 2



Q9 Mathematics

The number 716710501 is divisible by which of the following?

- A. 19
- B. 13
- C. 16
- D. 20

**Q10 Mathematics**

A book is sold at three successive discounts of 8%, 4%, and 5%. If the marked price of the book is ₹3,125, find its net selling price.

- A. ₹2,594
- B. ₹2,465
- C. ₹2,622
- D. ₹2,492

**Q11 Mathematics**

The average of first 163 even numbers is

- A. 164.5
- B. 165
- C. 163.5
- D. 164

**Q12 Mathematics**

8 years ago, the age of a father was 20 years more than twice his son's age. After how many years, from now, will he be twice his son's age?

- A. 8
- B. 12
- C. 7
- D. 16

**Q13 Mathematics**

The number of prime numbers between 374 and 381, both included, is:

- A. 2
- B. 3
- C. 1
- D. 4

**Q14 Mathematics**

M and N start a business. M invests ₹17,000 more than N for 6 months and N invests for 5 months. M's share is ₹498 more than that of N, out of a total profit of ₹1,494. Find the capital contributed by M.

- A. ₹42,500
- B. ₹42,304
- C. ₹42,661
- D. ₹42,326

**Q15 Mathematics**

If the interest earned during the 2nd year on a certain sum is ₹6,534, and the rate of interest is 20% per annum compounded annually, then the sum is:

- A. ₹27,225
- B. ₹28,030
- C. ₹27,630
- D. ₹28,205

**Q16 Mathematics**

In $\triangle ABC$, $BD \perp AC$ at D and $\angle DBC = 58^\circ$. E is a point on BC such that $\angle CAE = 16^\circ$. What is the measure of $\angle AEB$?

- A. 49°
- B. 48°
- C. 52°
- D. 42°

**Q17 Mathematics**

Simplify the given expression.

$$x(7x - 5) + 3(x^2 - 2) + 14$$

- A. $-10 \times 2 - 5x - 8$
- B. $10 \times 2 - 5x - 8$
- C. $10 \times 2 - 5x + 8$
- D. $-10 \times 2 - 5x + 8$

**Q18 Mathematics**

The product of two consecutive natural numbers is 110. The greater of the two numbers is:

- A. 5
- B. 3
- C. 11
- D. 7



Q19 Mathematics

The current population of a town is 14,568. It increases by 25% and 60% in two successive years but decreases by 50% in the third year. What is the population of the town at the end of the third year?

A. 14,565

B. 14,573

C. 14,568



D. 14,563

Q20 Mathematics

Simplify: $\frac{(\tan^2 \beta \operatorname{cosec}^2 \beta)}{(1 + \tan^2 \beta)}$

A. -1 B. 1 C. $\sec \beta$ D. $\tan \beta$ **Q21 Mathematics**

Pallavi bought a toy for ₹578, decorated it at a cost of ₹14 and sold the toy for ₹476. Find the loss or profit percentage.

A. $\frac{725}{37}\%$ profitB. $\frac{725}{37}\%$ lossC. 725% lossD. $\frac{735}{37}\%$ profit**Q22 Mathematics**

The value of $7^2 + \sqrt{8^2} - 5\sqrt{16} - 14$ is

A. 16

B. 23



C. 26

D. 31



Q23 Mathematics

By how much is 65% of 75 greater than $\frac{3}{5}$ of 45?

A. 18.75

B. 21.75 

C. 19.75

D. 15.75

Q24 Mathematics

By selling an article at $\frac{5}{14}$ of its actual selling price, Hitesh incurs a loss of 25%. If he sells it at 58% of its actual selling price, then the profit percentage is:

A. 23.7%

B. 22.5%

C. 21.8% 

D. 23.1%

Q25 Mathematics

What is the volume of a cylindrical container that has a base radius of 3.5 metres and a height of 5.2 metres?

A. 63.7π cubic metres B. 67.3π cubic metresC. 65.4π cubic metresD. 68.6π cubic metres**Q26** Mathematics

The value of $\frac{5}{3} + \left(\frac{1}{1 + \frac{4}{9}} \right) - \frac{2}{5}$ is

A. $\frac{384}{191}$ B. $\frac{382}{195}$ C. $\frac{379}{201}$ D. $\frac{380}{197}$ 

Q27 Mathematics

Pipe P can fill $\frac{4}{5}$ part of a tank in 12 hours and pipe Q can fill $\frac{2}{7}$ part of the same tank in 30 hours.

Both P and Q were kept open for 5 hours, then both were closed. Pipe R alone was then opened and it emptied the water in the tank in 8 hours.

Pipes P, Q and R together can fill the empty tank in:

A. 17 hours

B. 35 hours



C. 43 hours

D. 18 hours

Q28 Mathematics

Find the circumference (in m) of the largest circle that can be drawn completely inside a rectangle whose dimensions are given as 63 m and 116 m.

(Take $\pi = \frac{22}{7}$.)

A. 190

B. 202

C. 198



D. 200

Q29 Mathematics

The value of $\sqrt{121} + \sqrt{0.0225} - \sqrt{5.76} =$

A. 12.62

B. 5.35

C. 8.75



D. 13.05

Q30 Mathematics

Pipe A can fill a tank in 11 hours, pipe B can fill the same tank in 24 hours and pipe C can fill the same tank in 19 hours. The time taken by them to fill the same tank if they operate together is::

A. $7\frac{371}{929}$ hours

B. $5\frac{371}{929}$ hours



C. $9\frac{371}{929}$ hours

D. $4\frac{371}{929}$ hours



Q31 General Intelligence & Reasoning

Each of the digits in the number 817594326 is arranged in ascending order from left to right. Which of the following digits will be fourth from the left?

- A. 3
B. 5
C. 6
D. 4

**Q32 General Intelligence & Reasoning**

Hanish starts from Point A and drives 12 km towards the north. He then takes a right turn, drives 8 km, turns right and drives 17 km. He then takes a right turn and drives 10 km. He takes a final right turn, drives 5 km and stops at Point P. How far (shortest distance) and in which direction should he drive in order to reach Point A again? (All turns are 90-degree turns only unless specified.)

- A. 2 km to the east
B. 3 km to the west
C. 3 km to the east
D. 2 km to the west

**Q33 General Intelligence & Reasoning**

Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

IGE 13, LJH 17, OMK 21, RPN 25, ?

- A. UTS 29
B. USQ 29
C. VTQ 28
D. VTS 29

**Q34 General Intelligence & Reasoning**

Seven boxes, A, B, C, D, M, N and O, are kept one over the other but not necessarily in the same order. Only three boxes are kept above C. Only one box is kept between O and C. Only three boxes are kept between O and N. N is kept at some place above C. A is kept immediately below N. B is kept at one of the places above D. M is not kept immediately above or below O. Which box is kept at the lowermost position?

- A. D
B. O
C. A
D. M

**Q35 General Intelligence & Reasoning**

This question is based on the five, three-digit numbers given below.

(Left) 666 714 792 824 596 (Right)

(Example- 697 – First digit = 6, second digit = 9 and third digit = 7)

(NOTE: All operations to be done from left to right.)

What will be the resultant if the second digit of the highest number is added to the second digit of the lowest number?

- A. 11
B. 9
C. 13
D. 7

**Q36 General Intelligence & Reasoning**

URKE is related to QOGB in a certain way based on the English alphabetical order. In the same way, EFUS is related to ACQP. To which of the given options is SWIJ related, following the same logic?

- A. OTEG
B. OTYU
C. OGET
D. OETY

**Q37 General Intelligence & Reasoning**

What should come in place of the question mark (?) in the given series?

312 320 329 ? 350 362

- A. 339
B. 337
C. 341
D. 336

**Q38 General Intelligence & Reasoning**

Each of the digits in the number 9254631 is arranged in ascending order from left to right. The position(s) of how many digits will remain unchanged as compared to that in the original number?

- A. None
B. One
C. Three
D. Two



Q39 General Intelligence & Reasoning

JM 8 is related to FI 11 in a certain way. In the same way, LO 19 is related to HK 22. To which of the following is UX 27 related, following the same logic?

A. PT 30

B. QT 33

C. QT 30



D. PT 33

Q40 General Intelligence & Reasoning

Each of the digits in the number 3147569 is arranged in the ascending order from left to right. The position(s) of how many digits will remain unchanged as compared to that in the original number?

A. Two



B. Three

C. One

D. Zero

Q41 General Intelligence & Reasoning

In a row of 161 students facing north, Mr. Into is 98th from the left end. If Mr. Toni is 20th to the right of Mr. Into, what is Mr. Toni's position from the right end of the line?

A. 41st

B. 44th



C. 42nd

D. 43rd

Q42 General Intelligence & Reasoning

If + means $\times$, $\times$ means $\div$ and $\div$ means $+$, then what will come in place of the question mark (?) in the following equation?

$$8 - 3 + 63 \times 3 \div 14 = ?$$

A. 24

B. 30

C. 12

D. 17

**Q43 General Intelligence & Reasoning**

Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) 8 € 1 @ % 5 5 3 % © 2 € £ 7 1 # 8 % 8 7 2 @ (Right)

How many such numbers are there, each of which is immediately preceded by a number and also immediately followed by a number?

A. 4

B. 1

C. 2



D. 3

Q44 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series?

425 300 236 209 201 ?

A. 152

B. 200



C. 172

D. 182

Q45 General Intelligence & Reasoning

Town J is to the south of Town K. Town L is to the east of Town K. Town M is to the north of Town L. Town N is to the east of Town M. Town O is to the northeast of Town N. What is the position of Town O with respect to Town J?

A. Northeast



B. Southeast

C. South

D. Southwest

Q46 General Intelligence & Reasoning

In a certain code language, 'TAME' is coded as '4257' and 'MIND' is coded as '1365'. What is the code for 'M' in the given code language?

A. 6

B. 5



C. 1

D. 7



Q47 General Intelligence & Reasoning

In the following number-pairs, the second number is obtained by applying certain mathematical operations to the first number. Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

11, 96
10, 75

A. 9, 56



B. 13, 134

C. 12, 120

D. 14, 172

Q48 General Intelligence & Reasoning

Kiya ranked 7th from the bottom and 15th from the top in her class. How many students are there in her class?

A. 21



B. 22

C. 19

D. 20

Q49 General Intelligence & Reasoning

QERG is related to WJVJ in a certain way based on the English alphabetical order. In the same way, OYHS is related to UDLV. To which of the given options is GNTB related, following the same logic?

A. MSXE



B. MXEW

C. MSEX

D. MSWE

Q50 General Intelligence & Reasoning

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

All actors are dancers.
Some dancers are magicians.

Conclusions:

(I) All dancers are actors.
(II) No magician is a dancer.

A. Only conclusion (I) follows.

B. Only conclusion (II) follows.

C. Neither conclusion (I) nor (II) follows.



D. Both conclusions (I) and (II) follow.

Q51 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. QU-LO

B. LP-GI



C. NR-IL

D. JN-EH

Q52 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series?

82 , 83 , 85 , 89 , 97 , ?

A. 113



B. 131

C. 121

D. 112

Q53 General Intelligence & Reasoning

M is the son of L. L is the father of D. D is the brother of N. N is the sister of A. A is the daughter of K. K is the mother of Q. N is married to S. S is the father of C. How is L related to C?

A. Mother's father



B. Father's father

C. Father's brother

D. Mother's brother



Q54 General Intelligence & Reasoning

Kabir, Sumit, Ranvir, Madhu, Samir and Tanvi are sitting around a circle, facing the centre. Ranvir sits second to the right of Samir. Samir sits second to the right of Madhu. Sumit sits to the immediate left of Samir. Kabir sits second to the left of Tanvi. Who sits to the immediate right of Kabir?

A. Ranvir



B. Tanvi

C. Sumit

D. Samir

Q55 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group? (Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. CELS



B. SVBI

C. JMSZ

D. NQWD

Q56 General Intelligence & Reasoning

Read the given statement(s) and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statement(s).

Statements:

Some Magpies are Swans.
No Swans are Seagulls.

Conclusions:

I: Some Magpies are Seagulls.
II: No Seagulls are Magpies.

A. Neither conclusion (I) nor (II) follows.



B. Only conclusion (I) follows.

C. Only conclusion (II) follows.

D. Both conclusions (I) and (II) follow.

Q57 General Intelligence & Reasoning

Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

ROP 1, VST 3, ZWX 5, DAB 7, ?

A. HGF 9

B. HEF 9



C. HGF 11

D. HEF 11

Q58 General Intelligence & Reasoning

In a certain code language, 'FLAG' is coded as '7239' and 'ALIF' is coded as '3289'. What is the code for 'I' in the given code language?

A. 3

B. 9

C. 2

D. 8

**Q59 General Intelligence & Reasoning**

Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. CW-HA



B. WP-BU

C. SL-XQ

D. GZ-LE

Q60 General Intelligence & Reasoning

Six people, A, B, C, D, E and F are sitting in a row, facing north. Only two people sit to the right of C. A sits second to the left of D. B sits to the immediate right of E. F sits on the extreme right end of the line. How many people sit between B and F?

A. Three



B. One

C. Four

D. Two



Q61 General Awareness

India launched chip-enabled biometric e-passports in _____ cities as of April 2025.

- A. 9
- B. 11
- C. 15
- D. 13

**Q62 General Awareness**

The exchange of gases at the alveoli and tissues occurs by which process?

- A. Osmosis
- B. Decantation
- C. Diffusion
- D. Filtration

**Q63 General Awareness**

The process by which traits are passed from parents to offspring is known as _____.

- A. mutation
- B. heredity
- C. hybridisation
- D. linkage

**Q64 General Awareness**

In which year was the Industrial Policy Resolution that gave importance to the public sector adopted?

- A. 1956
- B. 1951
- C. 1991
- D. 1947

**Q65 General Awareness**

When was the National Human Rights Commission (NHRC) established to investigate cases of human rights violations in India?

- A. 12 October 1993
- B. 20 February 1996
- C. 15 January 1995
- D. 10 December 1994

**Q66 General Awareness**

According to the Henley Passport Index released in January 2025, what is India's global passport ranking for 2025?

- A. 83rd
- B. 88th
- C. 85th
- D. 80th

**Q67 General Awareness**

Which of the following years saw the foundation of the Home Rule League and its phenomenal success?

- A. 1919
- B. 1906
- C. 1909
- D. 1916

**Q68 General Awareness**

Under the Ayushman Vaya Vandana Yojana launched in October 2024, every Indian citizen aged 70 years and above will get free health insurance up to what amount every year?

- A. ₹8 lakh
- B. ₹5 lakh
- C. ₹7.5 lakh
- D. ₹3 lakh

**Q69 General Awareness**

Alauddin Khilji introduced the Dagh and Huliyah systems to control the army. What was Huliyah associated with?

- A. Soldier's description
- B. Horse branding
- C. Land revenue
- D. Soldier's salary

**Q70 General Awareness**

The Himalayan Mountain ranges stretch in a west-east direction from the Indus River to which major Indian river?

- A. Godavari
- B. Ganga
- C. Yamuna
- D. Brahmaputra



Q71 General Awareness

What is the preferred unit used in the scientific literature to express the ratio between two sound intensities?

- A. Pascal
- B. Decibels
- C. Phon
- D. Hertz

**Q72 General Awareness**

Which military division had become rare in warfare during the Gupta period despite being part of the army in texts?

- A. Cavalry
- B. Infantry
- C. Chariot
- D. Elephant

**Q73 General Awareness**

What is the function of the keyboard shortcut Ctrl + Z?

- A. Redo an action
- B. Undo the last action
- C. Close the window
- D. Zoom the window

**Q74 General Awareness**

Which of the following subjects is addressed by the Tenth Schedule of the Indian Constitution?

- A. Emergency powers and procedures
- B. Official languages
- C. Provisions related to anti-defection
- D. Panchayati Raj system

**Q75 General Awareness**

Events of Khelo India Youth Games 2025 were NOT conducted in which of the following cities of Bihar?

- A. Samastipur
- B. Gaya
- C. Bhagalpur
- D. Rajgir

**Q76 General Awareness**

Why is air transport less popular for freight movement in India?

- A. It is widely available in rural and remote villages.
- B. It requires minimal infrastructure for operation.
- C. It is expensive and ideal only for light, high-value goods.
- D. It is slower and less efficient than water transport.

**Q77 General Awareness**

In which of the following groups of states are the lower regions of the Western Ghats located where subtropical vegetation is found?

- A. Gujarat, Maharashtra and Kerala
- B. Kerala, Tamil Nadu and Karnataka
- C. Andhra Pradesh, Kerala and Goa
- D. Madhya Pradesh, Maharashtra and Karnataka

**Q78 General Awareness**

For the implementation of which of the following did the Central Government estimate a total requirement of ₹2.31 lakh crore over a five year period from 2010-11 to 2014-15?

- A. Sarva Shiksha Abhiyan
- B. Ayushman Bharat Scheme
- C. Right to Information Act
- D. Right to Education Act

**Q79 General Awareness**

Who authored the book 'The Churn' that was released in April 2025?

- A. Himanshu Roy
- B. Arvind Kumar
- C. Dr. Vijay Darda
- D. Bandaru Dattatreya

**Q80 General Awareness**

Which of the following pairs correctly classifies one input and one output device?

- A. Mouse – Output device, Scanner – Input device
- B. Joystick – Output device, Speaker – Input device
- C. Microphone – Input device, Monitor – Output device
- D. Keyboard – Output device, Printer – Input device



Q81 General Awareness

Pick the INCORRECT statement regarding the life of Birsa Munda.

- A. He advised his people to bring back the Golden Age of Mundas.
- B. Birsa was born in the forests of Madhya Pradesh. ✓
- C. He had joined the local missionary school.
- D. He urged people to destroy the Europeans.

Q82 General Awareness

Which crop is primarily associated with plantation agriculture in Kerala?

- A. Rice
- B. Cotton
- C. Rubber ✓
- D. Wheat

Q83 General Awareness

Which AI-driven anti-drone system was deployed at India's largest naval port in Karnataka in May 2025 to protect critical infrastructure?

- A. DroneShield
- B. Indrajala Infra ✓
- C. SkyNet
- D. AeroGuard

Q84 General Awareness

What is the name of India's first satellite, which completed 50 years in April 2025 and was launched in 1975?

- A. Aryabhata ✓
- B. INSAT-1A
- C. Bhaskara
- D. Rohini

Q85 General Awareness

Which of the following Bollywood actresses was honoured at the inaugural Global Vanguard Honour, 2025, held in Los Angeles?

- A. Deepika Padukone
- B. Priyanka Chopra ✓
- C. Nitanshi Goel
- D. Pratibha Ranta

Q86 General Awareness

Which anniversary of the Meter Convention was celebrated by the Department of Consumer Affairs, Government of India on 20 May 2025?

- A. 100th
- B. 125th
- C. 155th
- D. 150th ✓

Q87 General Awareness

Who is responsible for the administration of Union Territories like Chandigarh and Lakshadweep?

- A. Prime Minister of India directly
- B. Elected Chief Ministers of the Union Territories
- C. The President of India ✓
- D. Governors of neighbouring states

Q88 General Awareness

Which of the following is a feature of the State Legislative Council (Vidhan Parishad) in India?

- A. It can be dissolved like the Legislative Assembly
- B. The people directly elect their members
- C. It has a fixed term of five years
- D. It is a permanent body and cannot be dissolved ✓

Q89 General Awareness

When and where were the flight trials of the ULPGM-V3 missile conducted?

- A. Andhra Pradesh (Kurnool), 25 July 2025 ✓
- B. Odisha (Chandipur), 26 July 2025
- C. Rajasthan (Pokhran), 24 July 2025
- D. Maharashtra (Pune), 27 July 2025

Q90 General Awareness

Which city in Assam issued evacuation notices to residents in landslide-prone areas due to continuous rainfall in June 2025?

- A. Dibrugarh
- B. Guwahati ✓
- C. Silchar
- D. Jorhat



Q91 General Awareness

As per India Justice Report 2025, how many judges does India have per million population?

A. 15



B. 17

C. 10

D. 21

Q92 General Awareness

Which of the following is NOT a Central Armed Police Force?

A. Indo-Tibetan Border Police

B. Criminal Investigation Department



C. Central Reserve Police Force

D. Border Security Force

Q93 General Awareness

During the colonial period in India, the Vernacular Press Act (1878) was introduced by ____.

A. Lord Lytton



B. Lord Wellesley

C. Lord Ripon

D. Lord Curzon

Q94 General Awareness

Which of the following organisations is tasked with providing certification to films before their public release in India?

A. Children's Film Society, India

B. National Film Development Corporation

C. Central Board of Film Certification



D. Film and Television Institute of India

Q95 General Awareness

In which of the following years was the Saansad Adarsh Gram Yojana (SAGY) launched with the aim to translate the comprehensive vision of Mahatma Gandhi about an ideal Indian village into reality, keeping in view the present context?

A. 2006

B. 2009

C. 2012

D. 2014

**Q96 General Awareness**

Which architectural style, introduced by the British, combines Indian traditional elements with Gothic, Victorian and Neo-Classical forms?

A. Victorian Classical

B. Colonial Neo-Baroque

C. Indo-Saracenic



D. Gothic Revival

Q97 General Awareness

The western coastal plains are an example of:

A. tectonic coast

B. volcanic coast

C. emergent coast

D. submerged coast

**Q98 General Awareness**

Which artist was recognised as the Global Recording Artist of the Year 2024 by the IFPI?

A. Beyoncé

B. Olivia Rodrigo

C. Taylor Swift



D. Billie Eilish

Q99 General Awareness

Which sector was the dominant contributor to India's GDP immediately after independence in 1947?

A. Agriculture



B. Services

C. Foreign trade

D. Industrial

Q100 General Awareness

India is set to invest over US\$360 billion in renewable energy and infrastructure by .

A. 2034

B. 2030



C. 2032

D. 2036



Mathematics

30 Questions • Answer Key

Q1 Mathematics

The average runs scored by a batsman in 23 matches is 43. In the next 10 matches, the batsman scored an average of 16 runs. Find his average runs scored (rounded off to two decimal places) in all the 33 matches.

A. 34.82



B. 33.82

C. 35.82

D. 36.82

Q2 Mathematics

The cost of 2 pens and 15 pencils is ₹286. If the cost of a pen decreases by ₹4 and the cost of a pencil increases by ₹2, then the cost of 17 pens and 3 pencils is ₹128. What is the original cost of 11 pens and 8 pencils?

A. ₹229

B. ₹228

C. ₹232



D. ₹235

Q3 Mathematics

Find the value of $95^{-17} \div 95^9 \times 95^{-15}$.

A. 95-35

B. 95-49

C. 95-42

D. 95-41



Q4 Mathematics

Simplify: $x(2x - 3) + 2(x^2 - 4) + 16$

A. $-4 \times 2 - 3x + 8$ B. $4 \times 2 - 3x + 8$ C. $4 \times 2 - 3x - 8$ D. $-4 \times 2 - 3x - 8$

Q5 Mathematics

Sapna invested ₹20,300 on simple interest, partly at the rate of 8% per annum and partly at the rate of 6% per annum. If she earns equal interests from the two investments after 6 years, then find the sum invested at the rate of 8% per annum (in ₹).

A. 8,700



B. 8,702

C. 8,697

D. 8,699

Q6 Mathematics

The number 563607 is divisible by which of the following?

A. 10

B. 8

C. 13

D. 3



Q7 Mathematics

A dealer offers successive discounts of 15% and 12% on a refrigerator marked at ₹25,000. What is the final selling price?

A. ₹18,900

B. ₹18,700



C. ₹18,800

D. ₹19,000

Q8 Mathematics

A number, when increased by 70%, gives 3400. The number is:

A. 6000

B. 2000



C. 4000

D. 1000



Q9 Mathematics

If the third proportional of 8 and 20 be x , then what is the value of x ?

- A. 48
- B. 52
- C. 47
- D. 50

**Q10 Mathematics**

The LCM of the numbers 5.3 and 0.4 is:

- A. 2.12
- B. 0.212
- C. 21.2
- D. 212

**Q11 Mathematics**

The marked price of a shirt is ₹500. If the shopkeeper offers a 20% discount, what is the selling price of the shirt?

- A. ₹420
- B. ₹400
- C. ₹480
- D. ₹450

**Q12 Mathematics**

Two pipes can fill a cistern, individually, in 36 min and 45 min, respectively. There is a pipe located at the bottom of the cistern to empty it. If all the three pipes are opened simultaneously, then the empty cistern gets filled in 70 min. How long will the pipe at the bottom of the tank take to empty the completely filled cistern if no other pipe is then open?

- A. 8 min
- B. 28 min
- C. 20 min
- D. 44 min

**Q13 Mathematics**

If 3 times a mother's present age is 24 years more than 9 times her daughter's present age, and 4 times the daughter's present age is 2 years less than the mother's present age, then what is the difference (in years) between the ages of the mother and the daughter?

- A. 20
- B. 17
- C. 22
- D. 15

**Q14 Mathematics**

The marks scored by 10 students are given below.
17, 19, 12, 20, 19, 14, 15, 18, 19, 14
The mode of the given data is:

- A. 17
- B. 12
- C. 19
- D. 20

**Q15 Mathematics**

Train A leaves station M at 6:25 AM and reaches station N at 3:25 PM on the same day. Train B leaves station N at 8:25 AM and reaches station M at 2:25 PM on the same day. Find the time when trains A and B meet.

- A. 10:53 AM
- B. 11:43 AM
- C. 12:13 PM
- D. 11:13 AM

**Q16 Mathematics**

Ishaan and Meghna have to travel from Delhi to Kanpur in their respective cars. Ishaan is driving at 90 km/hr while Meghna is driving at 65 km/hr. Find the time taken by Meghna to reach Kanpur if Ishaan takes 13 hours.

- A. 27 hours
- B. 18 hours
- C. 21 hours
- D. 23 hours

**Q17 Mathematics**

Salman and Vivek together invested ₹33,900 in a business. At the end of the year, out of a total profit of ₹10,000, Vivek's share was ₹3,700. What was the difference between their investments?

- A. ₹9,551
- B. ₹8,840
- C. ₹9,547
- D. ₹8,814



Q18 Mathematics

In an election between two candidates, 80% of the registered voters cast their vote and 19% of the votes polled were found invalid. The winning candidate got 70% of the valid votes and won the election by a margin of 1458 votes. How many voters were registered?

A. 5625



B. 5623

C. 5627

D. 5622

Q19 Mathematics

I bought two pendants for ₹1,200. I sold the first one at a loss of 10% and the second at a gain of 14%. If, on the whole I made neither a loss nor a gain, find the cost price (in ₹) of the first pendant.

A. 700



B. 724

C. 720

D. 684

Q20 Mathematics

Ritu, Sameer, and Isha invest ₹1,190, ₹1,060, and ₹1,350, respectively, to start a business. If the profit at the end of the year is ₹1,640, then what is the share of Isha in the profit?

A. ₹613

B. ₹617

C. ₹615



D. ₹614

Q21 Mathematics

If the sum of the interior angles of a regular polygon is equal to four times the sum of its exterior angles, then what is the number of diagonals in the polygon?

A. 35



B. 25

C. 40

D. 30

Q22 Mathematics

Five solid cubes, each of volume 39304 cm^3 , are joined end to end to form a cuboid. What is the lateral surface area (in cm^2) of the cuboid?

A. 13905

B. 13872



C. 13838

D. 13877

Q23 Mathematics

The HCF and the LCM of two numbers are 17 and 1224, respectively. If one of the numbers is 136, find the other one.

A. 119

B. 102

C. 85

D. 153

**Q24 Mathematics**

Find the simple interest (in ₹) on ₹4,000 at 7.5% per annum rate of interest deposited on 4 February 2024 and withdrawn on 5 April 2024.

A. 49

B. 50



C. 51

D. 48



Q25 Mathematics

The value of $\frac{4}{3} + \left(\frac{1}{1 + \frac{5}{6}} \right) - \frac{5}{4}$ is

A. $\frac{89}{126}$

B. $\frac{85}{134}$

C. $\frac{93}{125}$

D. $\frac{83}{132}$

**Q26** Mathematics

The selling price of 10 books is equal to the cost price of 16 books. Find the loss or gain percentage on these books.

A. 60% loss

B. $\frac{100}{6}\%$ gain

C. $\frac{100}{6}\%$ loss

D. 60% gain

**Q27** Mathematics

What is the surface area of a sphere of radius 8 cm? (use $\pi = 3.14$)

A. 805.54 cm^2

B. 801.18 cm^2

C. 803.84 cm^2

D. 800.08 cm^2

**Q28** Mathematics

The value of $\sqrt{196} + \sqrt{0.0361} - \sqrt{7.29}$ is ____.

A. 9.66

B. 11.49

C. 16.25

D. 16.65



Q29 Mathematics

If $P = \tan\theta + \sec\theta$, then the value of $\tan\theta$ is:

A. $\frac{P^2 + 1}{P}$

B. $\frac{P^2 - 1}{P + 1}$

C. $\frac{P^2 - 1}{2P}$

D. $\frac{P^2 + 1}{2P}$

**Q30 Mathematics**

Pipe A can fill a tank in 18 hours, pipe B can fill the same tank in 28 hours and pipe C can fill the same tank in 11 hours. The time taken by them to fill the same tank if they operate together is::

A. $5\frac{247}{505} \text{ hours}$

B. $10\frac{247}{505} \text{ hours}$

C. $7\frac{247}{505} \text{ hours}$

D. $11\frac{247}{505} \text{ hours}$

**General Intelligence & Reasoning**

30 Questions • Answer Key

Q31 General Intelligence & Reasoning

Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

BGS 153, XLO 142, TQK 131, PVG 120, LAC 109, ?

A. IDX 101

B. GDZ 101

C. FHA 98

D. HFY 98

**Q32 General Intelligence & Reasoning**

This question is based on the five, three-digit numbers given below.

(Left) 538 745 317 853 276 (Right)

(Example- 697 – First digit = 6, second digit = 9 and third digit = 7)

(NOTE: All operations to be done from left to right.)

What will be the resultant if the third digit of the highest number is added to the second digit of the lowest number?

A. 9

B. 8

C. 11

D. 10



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Q33 General Intelligence & Reasoning

All 79 students in a class are standing in a row facing north. Shantanu is 37th from the right end while Vani is 23rd from the left end. How many people stand between Shantanu and Vani?

A. 18

B. 21

C. 19



D. 20

Q34 General Intelligence & Reasoning

What will come in place of the question mark (?) in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged?

$$12 \div 6 + 28 \times 4 - 11 = ?$$

A. 72

B. 78

C. 74

D. 76

**Q35 General Intelligence & Reasoning**

Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only. (Note: All numbers are single digit numbers only.)

(Left) 6 2 & % 5 9 # 8 \$ 7 + Ω @ 1 * £ 3 4 (Right)

How many such symbols are there each of which is immediately preceded by another symbol and also immediately followed by a number?

A. 4

B. 2

C. 3



D. 5

Q36 General Intelligence & Reasoning

Nilesh starts from Point Y and drives 17 km towards the north. He then takes a left turn and drives 31 km, then turns left and drives 45 km. He then takes a right turn and drives 23 km. He takes a right turn, drives 28 km and stops at Point Z. How far (shortest distance) and in which direction should he drive in order to reach Point Y again? (All turns are 90-degree turns only unless specified.)

A. 61 km towards the west

B. 49 km towards the east

C. 58 km towards the west

D. 54 km towards the east

**Q37 General Intelligence & Reasoning**

If 2 is added to each even digit and 1 is subtracted from each odd digit in the number 9524367, then how many digits will appear more than once in the new number thus formed?

A. Two

B. None

C. One

D. Three

**Q38 General Intelligence & Reasoning**

Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. OSP



B. OQM

C. MOK

D. DFB

Q39 General Intelligence & Reasoning

Seven boxes A, B, C, D, E, F and G are kept one over the other but not necessarily in the same order. Only four boxes are kept between F and A. Only B is kept above F. Only two boxes are kept between G and E. D is kept immediately above C. E is not kept immediately above D. How many boxes are kept between E and F?

A. 4

B. 3



C. 2

D. 1

Q40 General Intelligence & Reasoning

In a certain code language, 'life is mysterious' is coded as 'qr gt ob' and 'give his life' is coded as 'ob ft rd'. How is 'life' coded in the given language?

A. qr

B. ft

C. ob



D. rd



Q41 General Intelligence & Reasoning

IGBF is related to OMHL in a certain way based on the English alphabetical order. In the same way, KIDH is related to QOJN. To which of the given options is MKFJ related, following the same logic?

A. QSPL

B. QSLP

C. SQLP



D. SQPL

Q42 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. JB - MX

B. MC - PY

C. PF - SB

D. YV - CR

**Q43 General Intelligence & Reasoning**

What should come in place of the question mark (?) in the given series?

4 8 24 96 ? 2880

A. 240

B. 480



C. 320

D. 410

Q44 General Intelligence & Reasoning

Select the pair that follows the same pattern as that followed by the two pairs given below. Both pairs follow the same pattern.

SDF : RCE

MVZ : LUY

A. RTY : SZU

B. BGJ : AFI



C. ADH : BFJ

D. CNR : DOS

Q45 General Intelligence & Reasoning

Seven people, A, B, C, D, P, Q and R, are sitting in a row, facing north.

Only two people sit to the left of B. Only three people sit between B and Q. Only one person sits between Q and P. D sits to the immediate left of C. R is not an immediate neighbour of Q.

How many people sit to the right of A?

A. Three

B. Four

C. One



D. Two

Q46 General Intelligence & Reasoning

Each of the digits in the number 5936814 is arranged in ascending order from left to right. What will be the sum of the digits which are second from the left and fourth from the right in the new number thus formed?

A. 13

B. 9

C. 11

D. 8

**Q47 General Intelligence & Reasoning**

Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. GJP

B. KNT

C. ORX

D. QIA

**Q48 General Intelligence & Reasoning**

Vignesh starts from Point Y and drives 17 km towards south. He then takes a left turn, drives 25 km. He then turns right and drives 9 km. He takes a final right turn, drives 25 km and stops at Point Z. How far (shortest distance) and towards which direction should he drive in order to reach Point Y again? (All turns are 90° turns only unless specified.)

A. 26 km towards north



B. 13 km towards west

C. 19 km towards south

D. 26 km towards east



Q49 General Intelligence & Reasoning

Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding to/subtracting from/multiplying with 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(45, 80, 5)
(39, 30, 24)

A. (45, 72, 9)



B. (15, 10, 11)

C. (27, 6, 25)

D. (15, 0, 16)

Q50 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series?

112 101 90 79 68 ?

A. 56

B. 54

C. 57



D. 55

Q51 General Intelligence & Reasoning

L, M, N, O, Q, R and S are sitting around a circular table, facing the centre of the table. Only two people sit between O and R when counted from the right of O. Only two people sit between R and M. Only three people sit between O and N. L sits to the immediate left of Q. Who sits third to the left of S?

A. L

B. N

C. Q



D. R

Q52 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series based on the English alphabetical order?
DKC ZGY ? RYQ NUM

A. UDU

B. VDU

C. VCV

D. VCU

**Q53 General Intelligence & Reasoning**

In the following triads, each group of letters is related to the subsequent one following a certain logic. Select from the given options, the one which follows the same logic.

RUST - URST - RSTU

KITE - IKTE - KTEI

A. VEIN - VIEN - NIEV

B. MINK - IMNK - KINM

C. SPOT - PSOT - POTS

D. MANY - AMNY - MNYA

**Q54 General Intelligence & Reasoning**

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

All doors are carpets.

No carpet is a mat.

Conclusions:

(I) No door is a mat.

(II) No mat is a carpet.

A. Only conclusion (I) follows.

B. Both conclusions (I) and (II) follow.



C. Neither conclusion (I) nor (II) follows.

D. Only conclusion (II) follows.

Q55 General Intelligence & Reasoning

B is the brother of A. A is the wife of C. C is the father of K. K is the mother of S. How is B related to S?

A. Mother's sister's son

B. Mother's mother's sister

C. Mother's sister's daughter

D. Mother's mother's brother

**Q56 General Intelligence & Reasoning**

In a certain code language, 'PEST' is coded as '4597' and 'HEPS' is coded as '7654'. What is the code for 'H' in the given code language?

A. 6



B. 5

C. 4

D. 7



Q57 General Intelligence & Reasoning

Seven boxes, A, B, C, D, K, L and O, are kept one over the other, but not necessarily in the same order. Only two boxes are kept below O. Only one box is kept above L. Only one box is kept between L and D. C is kept immediately above K. A is kept at some place below B. How many boxes are kept between B and C?

A. Four



B. One

C. Two

D. Three

Q58 General Intelligence & Reasoning

What will come in the place of the question mark (?) in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged?

$$25 - 9 \times 3 + 4 \div 2 = ?$$

A. 17

B. 20



C. 18

D. 19

Q59 General Intelligence & Reasoning

Read the given statement(s) and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statement(s).

Statements:

All Wolves are Rhinoceroses.

No Rhinoceroses are Kangaroos.

Conclusions:

I: No Kangaroos are Wolves.

II: Some Kangaroos are Wolves.

A. Both conclusions (I) and (II) follow.

B. Only conclusion (I) follows.



C. Only conclusion (II) follows.

D. Neither conclusion (I) nor (II) follows.

Q60 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series?

991 990 992 991 993 992 994 ?

A. 996

B. 993



C. 995

D. 992

General Awareness

40 Questions • Answer Key

Q61 General Awareness

Select the correct sequence of steps to create a new folder on the desktop?

A. Click Start → Settings → New → Folder

B. Right-click Taskbar → Select Folder → Press Enter

C. Open File Explorer → Right-click Desktop → New Folder

D. Right-click Desktop → New → Folder

**Q62 General Awareness**

Which acid was first created from inorganic materials by Hermann Kolbe in 1845?

A. Acetic Acid



B. Citric Acid

C. Sulphuric acid

D. Formic Acid

Q63 General Awareness

Western disturbances mainly affect the weather of which region in India?

A. Eastern Ghats

B. Coastal Andhra Pradesh

C. Deccan Plateau

D. North-West India

**Q64 General Awareness**

Article 6 deals with persons who migrated to India from ____.

A. Sri Lanka

B. Bangladesh

C. Pakistan



D. Nepal



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Q65 General Awareness

What is the name of the indigenous electric trainer aircraft initiative launched by India in March 2025 to promote green aviation?

- A. Shakti
- B. Green Hawk
- C. Vayu
- D. E-HANSA

**Q66 General Awareness**

In April 2025, a tri-services all women circumnavigation sailing expedition, 'Samudra Pradakshina' flagged off from:

- A. Mumbai
- B. Durgapur
- C. Trivandrum
- D. Madurai

**Q67 General Awareness**

Which of the following is a private sector organisation in India?

- A. ONGC
- B. TISCO
- C. SAIL
- D. Indian Railways

**Q68 General Awareness**

Which programme was launched in 1953 to expand rural development more feasibly?

- A. Training for Rural Youth for Self-Employment
- B. Bharat Nirman Yojana
- C. National Extension Service (NES)
- D. Jawahar Rojgar Yojana

**Q69 General Awareness**

In 2025, ISRO sprouted which of the following seeds in space under microgravity conditions?

- A. Kidney bean seeds
- B. Soya bean seeds
- C. Chickpea seed
- D. Cowpea seeds

**Q70 General Awareness**

Who among the following presented the First Five-Year Plan on July 9, 1951?

- A. Jawaharlal Nehru
- B. Sardar Vallabhbhai Patel
- C. Rajendra Prasad
- D. Purushottam Das Tandon

**Q71 General Awareness**

Which of the following is the first of eight Anti-Submarine Warfare Shallow Water Crafts (ASW SWCs) delivered to the Indian Navy on 8 May 2025?

- A. Arnala
- B. Kiltan
- C. Kamorta
- D. Kadmatt

**Q72 General Awareness**

e-NAM is a key reform aimed at integrating agricultural markets in India. What is the primary goal of the e-NAM initiative?

- A. Crop insurance
- B. Online trading of agricultural produce
- C. Minimum wage guarantee
- D. Fertiliser subsidy

**Q73 General Awareness**

Which of following sports events was clinched by Indian pair Manush Shah and Diya Chitale in April 2025?

- A. United States Smash 2025
- B. WTT Star Contender Ljubljana 2025
- C. WTT Contender Lagos 2025
- D. WTT Contender Tunis 2025

**Q74 General Awareness**

Birch and Rhododendrons are found in which kind of forests?

- A. Tropical Thorn forests
- B. Tropical Evergreen and Semi Evergreen forests
- C. Littoral and Swamp forests
- D. Montane forests



Q75 General Awareness

The RTI Act empowers citizens of India to seek information from which of the following?

- A. Foreign embassies
- B. Private companies
- C. Non-governmental organisations
- D. Government departments ✓

Q76 General Awareness

What is the name of the Indian Light Tank that achieved a major milestone in high-altitude firing trials in December 2024?

- A. Zorawar ✓
- B. Arjun
- C. Vijayanta
- D. Bhishma

Q77 General Awareness

Which of the following factors DOES NOT directly influence population distribution in India?

- A. Topography
- B. Official language ✓
- C. Climate
- D. Soil fertility

Q78 General Awareness

Which type of weathering is primarily involved in the enrichment of bauxite and other ores?

- A. Chemical weathering ✓
- B. Glacial weathering
- C. Biological weathering
- D. Mechanical weathering

Q79 General Awareness

During May 2025, the 4th Europe-Africa Forum was organised in which location?

- A. Marseille ✓
- B. Lyon
- C. Nice
- D. Paris

Q80 General Awareness

The Kailasa Temple at Ellora is an example of which of the following types of architecture?

- A. Colonial architecture
- B. Rock-cut architecture ✓
- C. Wooden architecture
- D. Islamic architecture

Q81 General Awareness

Which organisation published the 2025 edition of the 'State of the World's Nursing' report?

- A. World Bank
- B. International Labour Organization (ILO)
- C. UNICEF
- D. World Health Organization (WHO) ✓

Q82 General Awareness

Who among the following sent a telegram on 6 August 1857 stating, 'Our men are cowed by the numbers opposed to them and the endless fighting. Every village is held against us, the zamindars have risen to oppose us'?

- A. Lord Cornwallis
- B. Robert Clive
- C. Lieutenant Colonel Tytler ✓
- D. Lieutenant Colonel William Lambton

Q83 General Awareness

After amalgamation of 26 Regional Rural Banks (RRBs) in fourth phase of amalgamation, as notified by Department of Financial Services (DFS) in 2025, how many RRBs will be left in the country?

- A. 25
- B. 21
- C. 28 ✓
- D. 18

Q84 General Awareness

What is the mass percentage of sodium hypochlorite typically present in a commercial bleaching solution?

- A. 10.85%
- B. 3.62% ✓
- C. 5.46%
- D. 2.57%



Q85 General Awareness

The Visuddhimagga, a key Buddhist text, was written by which of the following scholars?

A. Buddhaghosa ✓

B. Nagarjuna

C. Vasubandhu

D. Aryadeva

Q86 General Awareness

Which of the following States enjoys special provisions under Article 371A due to its unique customary law and land ownership practices?

A. Nagaland ✓

B. Sikkim

C. Manipur

D. Mizoram

Q87 General Awareness

What does ASCII stand for?

A. Advanced Standard Coding in Information Industry

B. American Standard Code for Information Interchange ✓

C. Automated System for Computer Information Interchange

D. Auxiliary System for Communication and Interchange

Q88 General Awareness

During the Indus Valley Civilisation, the presence of jewellery made from precious metals and semi-precious stones in small-town settings supports the argument that ____.

A. there was strong social stratification ✓

B. the civilisation was ruled by autocratic priest-kings

C. there was an equal access to material goods

D. only the elite had access to luxury items.

Q89 General Awareness

Which of the following groups of people is said to have migrated into the late Indus Valley era India from Central Asia?

A. Dravidas

B. Aryans ✓

C. Shakas

D. Mesopotamians

Q90 General Awareness

Which area of the main stem and roots contains the spongy, soft parenchyma cells that carry and store nutrients for the plant?

A. Cortex

B. Metaxylem

C. Stele

D. Pith ✓

Q91 General Awareness

The Right to Protection in respect of conviction for offences (including protection from double jeopardy and self-incrimination) is covered under:

A. Article 23

B. Article 20 ✓

C. Article 22

D. Article 21

Q92 General Awareness

According to the India Justice Report 2025, which two states have the highest share of women judges at the High Court level at 33%?

A. Sikkim and Telangana ✓

B. Uttar Pradesh and Odisha

C. Kerala and Andhra Pradesh

D. Chhattisgarh and Madhya Pradesh

Q93 General Awareness

In which of the following cities was the Paramhansa Mandali founded to work for the abolition of caste?

A. Patna

B. Bombay ✓

C. Kanpur

D. Surat

Q94 General Awareness

When was the historic Paris Agreement on climate change adopted by world leaders during the UN Climate Change Conference (COP21)?

A. 2012

B. 2015 ✓

C. 1999

D. 2005



Q95 General Awareness

Which of the following joint military exercises is conducted annually between the armies of India and Japan, with the sixth edition held near Mount Fuji in 2025?

A. Dharma Guardian



B. Shakti

C. Maitree

D. Indra

Q96 General Awareness

Christian Stalker is the Federal Chancellor of which country?

A. Finland

B. Sweden

C. Norway

D. Austria

**Q97 General Awareness**

Which of the following Articles of the Indian Constitution deals with Union Territories?

A. Article 1

B. Article 262

C. Article 7

D. Article 239

**Q98 General Awareness**

Which of the following players completed 12,000 runs in T20 cricket and became eighth player to achieve the milestone in April 2025?

A. MS Dhoni

B. Rohit Sharma



C. Ravindra Jadeja

D. Virat Kohli

Q99 General Awareness

Which of the following transportation systems was primarily developed in India to serve colonial economic interests?

A. Inland waterways

B. Metro rail

C. Airways

D. Railways

**Q100 General Awareness**

In which of the following years did the Government of Bengal pass the Calcutta Electric Lighting Act?

A. 1911

B. 1895



C. 1904

D. 1900



Mathematics

30 Questions • Answer Key

Q1 Mathematics

If the radius of the base of a right circular cylinder is decreased by 46% and its height is increased by 261%, then what is the percentage increase (closest integer) in its volume?

A. 19%

B. 5% ✓

C. 17%

D. 35%

Q2 Mathematics

Train A leaves station M at 8:35 AM and reaches station N at 3:35 PM on the same day. Train B leaves station N at 10:35 AM and reaches station M at 3:35 PM on the same day. Find the time when trains A and B meet.

A. 11:50 AM

B. 12:10 PM

C. 12:50 PM

D. 12:40 PM ✓

Q3 Mathematics

Vijay got an increase of 4% in his sales amount in the first year and 25% in the second year; also with this, his current sales are ₹1,50,800, what was his sales (in ₹) two years ago?

A. ₹1,16,000 ✓

B. ₹1,45,000

C. ₹1,20,640

D. ₹96,000

Q4 Mathematics

If the sum of the measures of all the interior angles of a regular polygon is 2520° , then what is the exterior angle of the polygon?

A. 37.5° B. 22.5° ✓C. 90° D. 42.5°

Q5 Mathematics

Evaluate: $(-9) - (-60) \div (-10) + (-3) \times 9$

A. -41

B. -45

C. -42 ✓

D. -44

Q6 Mathematics

If 4 times a son's age is added to his father's age, the sum is 46 years. If 2.8 times the father's age is added to the son's age, the sum is 88 years. What is the father's age (in years)?

A. 35

B. 25

C. 30 ✓

D. 28

Q7 Mathematics

Find the effective discount for the scheme – Buy 12, get 8 free.

A. 20%

B. 21%

C. 40% ✓

D. 10%

Q8 Mathematics

Sapna invested ₹22,800 on simple interest, partly at 5% per annum and partly at 11% per annum. If she earns equal interests from the two investments after 4 years, then find the sum invested at 5% per annum (in ₹).

A. 15,678

B. 15,676

C. 15,677

D. 15,675 ✓



Q9 Mathematics

Which of the following numbers divides 393064111?

A. 15

B. 11



C. 14

D. 10

Q10 Mathematics

Find the surface area of a sphere with a radius of 5 cm.

(Use $\pi = 3.14$)

A. 628 cm²

B. 31.4 cm²

C. 314 cm²



D. 3140 cm²

Q11 Mathematics

If the third proportional of 8 and 16 be x, then what is the value of x?

A. 34

B. 35

C. 31

D. 32

**Q12 Mathematics**

A sum of money triples itself at a certain rate of compound interest in 15 years. In how many years will it amount to 27 times of itself?

A. 39 years

B. 36 years

C. 45 years



D. 55 years

Q13 Mathematics

An article is sold at a profit of 57%. If the cost price is increased by ₹20 and the selling price is reduced by ₹18, then the profit would be 47.5%. What is the original cost price (in ₹) of the article?

A. 400

B. 300

C. 500



D. 200

Q14 Mathematics

A number, when increased by 60%, gives 3610. The number is:

A. 1128.125

B. 2256.25



C. 6768.75

D. 4512.5

Q15 Mathematics

The product of two positive numbers is 245. If the first number is five times the second number, then the sum of the two numbers is:

A. 40

B. 42



C. 38

D. 51

Q16 Mathematics

A store offers a discount of 14% on a television marked at ₹78,000. During a sale, an additional 8% discount is offered on the already discounted price. What is the total discount percentage?

A. 22.48%

B. 18.23%

C. 21.62%

D. 20.88%

**Q17 Mathematics**

The average of first 159 even numbers is

A. 161

B. 160



C. 160.5

D. 159.5

Q18 Mathematics

88 tube lights were purchased for ₹88, and 46 tube lights broke in transit. The trader sold the remaining tube lights at ₹3.10 each. Find his profit.

A. ₹36.60

B. ₹42.20



C. ₹48.20

D. ₹47.10



Q19 Mathematics

Given that $112^{0.57} = x$, $112^{0.8} = y$ and $x^z = y^6$, then the value of z is close to:

A. 8.42



B. 9.12

C. 10.14

D. 8.45

Q20 Mathematics

A bus travelling at 10 km/hr completes a journey in 16 hours. At what speed will it have to cover the same distance in 8 hours?

A. 14 km/hr

B. 25 km/hr

C. 20 km/hr



D. 10 km/hr

Q21 Mathematics

An amount of ₹570 is divided among three persons in the ratio of 2 : 12 : 11. The difference between the largest and the smallest shares (in ₹) in the distribution is:

A. 228



B. 293

C. 166

D. 284

Q22 Mathematics

The marks scored by 10 students are given below.
20, 16, 16, 19, 16, 12, 19, 10, 14, 18
The mode of the given data is:

A. 20

B. 16



C. 19

D. 12

Q23 Mathematics

Praveen and Hemant start a business. Praveen invests ₹78,000 more than Hemant for 5 months and Hemant invests for 6 months. Praveen's share is ₹1,360 more than that of Hemant, out of a total profit of ₹5,440. Find the capital contributed by Praveen.

A. ₹1,56,000



B. ₹1,56,185

C. ₹1,55,955

D. ₹1,55,875

Q24 Mathematics

The HCF and the LCM of two numbers are 18 and 216, respectively. If one of the numbers is 72, find the other one.

A. 10

B. 5

C. 25

D. 54

**Q25 Mathematics**

If the 6-digit number $N36M77$ is divisible by 11, then which of the options below can give a possible correct relation between M and N ?

A. $M + N = -3$

B. $M - N = 3$



C. $M - N = 1$

D. $M = N$



Q26 Mathematics

A can do a work in 12 days and B can do the same work in 25 days. If they work on it together for 6 days, then what fraction of the work is left?

A. $\frac{13}{50}$



B. $\frac{9}{50}$

C. $\frac{21}{50}$

D. $\frac{17}{50}$

Q27 Mathematics

Simplify: $\frac{(\sin\theta - \cos\theta)(1 + \tan\theta + \cot\theta)}{1 + \sin\theta\cos\theta} + \frac{\sin\theta}{1 + \cos\theta} + \frac{1 + \cos\theta}{\sin\theta}$

A. $\sin\theta + \cos\theta$

B. $\sin\theta\sec\theta$

C. $\tan\theta + \sec\theta$

D. $\operatorname{cosec}\theta + \sec\theta$

**Q28 Mathematics**

Simplify the following.

$$2\left(\left(\frac{3}{2}\right)x^2 - 20x + 17\right) - 3(x^2 + 7x - 15)$$

A. $-61x - 79$

B. $61x - 79$

C. $-61x + 79$



D. $61x + 79$



Q29 Mathematics

The value of $\frac{4}{3} + \left(\frac{1}{1 + \frac{2}{7}} \right) - \frac{2}{3}$ is

A. $\frac{13}{9}$



B. $\frac{5}{8}$

C. $\frac{4}{9}$

D. $\frac{16}{19}$

Q30 Mathematics

Pipe P can fill $\frac{3}{8}$ part of a tank in 30 hours, and pipe Q can fill $\frac{4}{5}$ part of the same tank in 16 hours.

Both P and Q were kept open for 4 hours, then both were closed. Pipe R alone was then opened and it emptied the water in the tank in 8 hours. Pipes P, Q and R together can fill the empty tank in:

A. 21 hours

B. 32 hours



C. 35 hours

D. 40 hours

General Intelligence & Reasoning

30 Questions • Answer Key

Q31 General Intelligence & Reasoning

Kunal ranked 29th from the top and 15th from the bottom in his class. How many students are there in his class?

A. 43



B. 44

C. 40

D. 41

Q32 General Intelligence & Reasoning

If 'A' stands for '÷', 'B' stands for '×', 'C' stands for '+' and 'D' stands for '-', then the resultant of which of the following would be 9?

A. 41 D 13 B 3 C 35 A 5



B. 41 C 13 B 3 A 35 D 5

C. 41 A 13 C 3 B 35 D 5

D. 41 B 13 C 3 D 35 A 5

Q33 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. GE-BC



B. RP-NL

C. WU-SQ

D. TR-PN



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Q34 General Intelligence & Reasoning

Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding to/subtracting from/multiplying with 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(26, 96, 22)
(46, 108, 8)

A. (30, 63, 2)

B. (24, 84, 18) ✓

C. (7, 15, 1)

D. (1, 39, 19)

Q35 General Intelligence & Reasoning

In the following triads, each group of letters is related to the subsequent one following a certain logic. Select from the given options, the one which follows the same logic.

LOPE - LEPO - EPOL
QUIT - QTIU - TIUQ

A. WAST - WSAT - TSAW

B. FILE - IFLE - EILF

C. BANG - BGNA - GNAB ✓

D. SLOP - SLPO - LOPS

Q36 General Intelligence & Reasoning

What will come in the place of the question mark (?) in the following equation, if '+' and '÷' are interchanged, and '-' and 'x' are interchanged?

$$11 - 2 \times 48 + 6 \div 15 = ?$$

A. 16

B. 10

C. 22

D. 29 ✓

Q37 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series based on the English alphabetical order?

SET DQE OCP ZOA ?

A. LAK

B. KAL ✓

C. LKA

D. KLA

Q38 General Intelligence & Reasoning

Seven boxes, A, B, C, D, E, F and G, are kept one over the other but not necessarily in the same order. Only two boxes are kept below B. Only one box is kept above F. Only one box is kept between F and D. A is kept immediately above G. C is kept at some place below E. Which box is kept at the top?

A. A

B. E ✓

C. C

D. G

Q39 General Intelligence & Reasoning

In a certain code language, 'she has guts' is coded as 'bs kr ni' and 'packet has gone' is coded as 'ud ni gy'. How is 'has' coded in the given language?

A. kr

B. ud

C. ni ✓

D. bs

Q40 General Intelligence & Reasoning

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements: All bricks are spoons. No brick is a game.

Conclusions (I): Some games are spoons.

Conclusions (II): All spoons are games.

A. Only conclusion (II) follows.

B. Only conclusion (I) follows.

C. Neither conclusion (I) nor (II) follows. ✓

D. Both conclusions (I) and (II) follow.

Q41 General Intelligence & Reasoning

In a certain code language, 'GETS' is coded as '8106' and 'EGIS' is coded as '0167'. What is the code for 'I' in the given code language?

A. 0

B. 6

C. 1

D. 7 ✓



Q42 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter clusters are alike in a certain way and thus form a group. Which letter cluster DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. LQN



B. GLH

C. NSO

D. EJF

Q43 General Intelligence & Reasoning

Sunil starts from Point A and travels 8 km towards north, turns left and travels 6 km, and then turns right and covers another 7 km. He then turns right and travels another 6 km. How far (shortest distance) is he from Point A? (All turns are 90-degree turns only.)

A. 15 km



B. 10 km

C. 4 km

D. 5 km

Q44 General Intelligence & Reasoning

Each of the digits in the number 9823415 is arranged in ascending order from left to right. What will be the sum of the digits which are second from the left and second from the right in the new number thus formed?

A. 9

B. 10



C. 11

D. 8

Q45 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series?

9 19 39 69 109 ?

A. 160

B. 155

C. 150

D. 159

**Q46 General Intelligence & Reasoning**

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

Some orchids are cacti.
No cactus is a marigold.

Conclusions:

(I) No marigold is a cactus.
(II) Some cacti are orchids.

A. Neither conclusion (I) nor (II) follows.

B. Only conclusion (I) follows.

C. Both conclusions (I) and (II) follow.



D. Only conclusion (II) follows.

Q47 General Intelligence & Reasoning

Refer to the following number and symbol series and answer the question that follows. All numbers are single-digit numbers. Counting to be done from left to right only.

(Left) 9 # % 2 ^ @ 3 & 1 \$ 5 Ω 7 % # 6 * £ 5 (Right)

If all the symbols are dropped from the series, which of the following will be fifth from the right?

A. 5

B. 1



C. 3

D. 7

Q48 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series?

11, 33, 55, 77, ?, 121.

A. 99



B. 109

C. 101

D. 111



Q49 General Intelligence & Reasoning

Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only. (Note: All numbers are single digit numbers only).

(Left) & 8 5 @ 1 £ 3 % 6 2 Ω # * 4 7 + \$ 9 (Right)

If all the symbols are dropped from the series, which of the following will be seventh from the right?

A. 3

B. 2

C. 0

D. 1

**Q50 General Intelligence & Reasoning**

What should come in place of the question mark (?) in the given series?

162 ? 42 22 12 7

A. 82



B. 78

C. 74

D. 76

Q51 General Intelligence & Reasoning

Ramu ran 60 km towards the west, turned left and ran 15 km. He then turned left and ran 40 km. In which direction is Ramu facing at the end? (All turns are 90 degrees unless specified)

A. West

B. East



C. North

D. South

Q52 General Intelligence & Reasoning

If 1 is added to each even digit and 2 is subtracted from each odd digit in the number 4268953, then how many digits will appear more than once in the new number thus formed?

A. One

B. Three

C. Two



D. None

Q53 General Intelligence & Reasoning

In a certain code language,
'A # B' means 'A is the brother of B',
'A % B' means 'A is the daughter of B',
'A = B' means 'A is the wife of B' and
'A ¥ B' means 'A is the father of B'.

How is D related to S if 'D = O # M ¥ E % S'?

A. Husband's brother's wife



B. Father's brother's daughter

C. Father's brother's sister

D. Father's brother's son

Q54 General Intelligence & Reasoning

In a row of 59 people facing the north, Bela sits 20th from the left end. If Ajeet sits 16th to the right of Bela, what is Ajeet's position from the right end of the line?

A. 22nd

B. 24th



C. 26th

D. 21st

Q55 General Intelligence & Reasoning

Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

INQ23 JOR32 KPS41 LQT50 ?

A. MRV58

B. MRU59



C. MRU58

D. MRV59

Q56 General Intelligence & Reasoning

In the following triads, each group of letters is related to the subsequent one following a certain logic. Select from the given options, the one which follows the same logic.

JUNE - UJNE - EUJN
LAPS - ALPS - SALP

A. MOVE - MVOE - EVOM

B. BUGS - UBGs - SUGB

C. LOST - OLST - OSTL

D. FROG - RFOG - GRFO



Q57 General Intelligence & Reasoning

Select the triad that follows the same pattern as that followed by the two triads given below. Both triads follow the same pattern.

HO-JQ-MP
KR-MT-PS

- A. NU-PW-RV
- B. MU-OW-SV
- C. MU-PW-RV
- D. NU-PW-SV

**Q58 General Intelligence & Reasoning**

H, I, J, P, Q, R and S are sitting around a circular table facing the centre of the table. Q sits to the immediate right of J. Only three people sit between Q and S when counted from the left of Q. Only three people sit between J and H. P sits to the immediate right of R.

How many people sit between J and R when counted from the right of R?

- A. One
- B. Four
- C. Two
- D. Three

**Q59 General Intelligence & Reasoning**

L, M, N, O, Q, R and S are sitting around a circular table, facing the centre of the table. Q sits to the immediate right of N. Only three people sit between Q and S when counted from the left of Q. Only three people sit between N and M. L sits to the immediate right of R. How many people sit between O and R when counted from the left of R?

- A. One
- B. Four
- C. Three
- D. Two

**Q60 General Intelligence & Reasoning**

Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster pair.)

- A. SU-VX
- B. CE-FH
- C. AC-DF
- D. KM-NO

**General Awareness**

40 Questions • Answer Key

Q61 General Awareness

Which of the following countries was elected to the Vice Presidency of the International Association of Marine Aids to Navigation and Lighthouse Authorities (IALA) in 2025?

- A. Japan
- B. India
- C. Australia
- D. France

**Q62 General Awareness**

What happened to employment opportunities after the 1991 reforms?

- A. Only grew in agriculture
- B. Decreased in all sectors
- C. Stayed the same
- D. Increased, especially in private and service sectors

**Q63 General Awareness**

Which of the following properties generally increases across a period (left to right) in the periodic table?

- A. Metallic character
- B. Reduction
- C. Atomic radius
- D. Ionisation enthalpy

**Q64 General Awareness**

Yagnavarman, Sardulavarman and Anantavarman were the kings of which of the following kingdoms?

- A. Magadha Guptas
- B. Pushyabhutis of Thanesar
- C. Maukharis of Kanauj
- D. Maitrakas of Valabhi



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Q65 General Awareness

Who was appointed as the Chairman of the Union Public Service Commission (UPSC) in 2025, succeeding Preeti Sudan?

- A. Rajiv Gauba
- B. Anil Swarup
- C. Ajay Kumar
- D. Sanjay Mitra

Q66 General Awareness

Which Indo-Greek ruler's envoy Heliodorus installed a pillar in Vidisha and was a devotee of Lord Krishna?

- A. Diodotus
- B. Demetrius
- C. Menander
- D. Antialkidas

Q67 General Awareness

The process of planet formation through collision and sticking of small celestial bodies is called:

- A. Accretion
- B. Fragmentation
- C. Degassing
- D. Differentiation

Q68 General Awareness

The famous male torso from Harappa, remarkable for its naturalistic pose and chiselled in the round, is made of _____.

- A. bronze
- B. steatite
- C. terracotta
- D. red limestone

Q69 General Awareness

Which of the following accurately represents the two main components of the CPU and their functions?

- A. Monitor and Keyboard – Control the speed of data processing
- B. RAM and ROM – Store data and instructions permanently
- C. HDD and SSD – Perform data input and output tasks
- D. ALU and CU – Perform calculations and control all computer operations

Q70 General Awareness

What is the purpose of the submarine cable project launched by the Indian National Centre for Ocean Information Services (INCOIS) in 2025?

- A. Increase internet speed in coastal areas
- B. Enhance long-term Indian Ocean observations
- C. Improve underwater defense systems
- D. Support ocean tourism

Q71 General Awareness

Under what conditions can the Parliament legislate on matters in the State List according to constitutional provisions?

- A. During a national emergency declared under Article 352.
- B. When the Rajya Sabha passes a resolution.
- C. If a Governor requests it due to a financial emergency in the state.
- D. If the President signs a proclamation without Parliament's involvement.

Q72 General Awareness

Lok Adalats in India have statutory status under which of the following enactments?

- A. The Civil Procedure Code, 1908
- B. The Legal Services Authorities Act, 1987
- C. The Arbitration and Conciliation Act, 1996
- D. The Indian Penal Code, 1860

Q73 General Awareness

Who among the following translated the book 'Heart Lamp' from Kannada to English, for which the author won the prestigious International Booker Prize in May 2025?

- A. Chitra Banerjee Divakaruni
- B. Geeta Singh
- C. Manorama Mishra
- D. Deepa Bhashti

Q74 General Awareness

Who among the following strongly criticised British education for being too Western and disconnected from Indian realities?

- A. Charles Wood
- B. Raja Rammohan Roy
- C. Macaulay
- D. Rabindranath Tagore



Q75 General Awareness

The largest area of the Great Indian Desert in India is located in which state?

A. Rajasthan



B. Haryana

C. Punjab

D. Gujarat

Q76 General Awareness

Where was the 12th World Government Summit, 2025, held?

A. Muscat, Oman

B. Riyadh, Saudi Arabia

C. Delhi, India

D. Dubai, UAE

**Q77 General Awareness**

Which ISRO mission, launched in May 2025, aims to enhance India's all-weather day-and-night Earth observation capabilities?

A. INSAT-3DS

B. EOS-09



C. Cartosat-3

D. RISAT-1B

Q78 General Awareness

By when has India aimed to achieve its defence production of ₹3 lakh crore, which will strengthen its position as a global defence manufacturing hub?

A. 2030

B. 2028

C. 2032

D. 2029

**Q79 General Awareness**

Which of the following subjects was NOT a part of the Transferred Subjects under the Government of India Act of 1919?

A. Health

B. Police



C. Local self-government

D. Education

Q80 General Awareness

Canal irrigation is best suited for which of the following geographical regions?

A. River basins and flat lands



B. Desert regions

C. High mountain regions

D. Rocky plateaus

Q81 General Awareness

In FIFO scheduling, which process is executed first?

A. The process that arrives first



B. The process that arrives last

C. The process with the shortest execution time

D. The process with the highest priority

Q82 General Awareness

Before becoming the Chief Justice of India, Justice BR Gavai served in which court?

A. Bombay High Court



B. Delhi High Court

C. Madras High Court

D. Allahabad High Court

Q83 General Awareness

Which of the following is a mode of losing Indian citizenship?

A. Renunciation



B. Birth

C. Naturalization

D. Registration

Q84 General Awareness

A solution with a pH of 2 is how many times more acidic than a solution with pH 4?

A. 200 times

B. 10 times

C. 100 times



D. 2 times



Q85 General Awareness

Which agency on 2025 authorised to share information with the Enforcement Directorate (ED) under the Prevention of Money Laundering Act to combat cyber fraud?

- A. National Cyber Crime Reporting Portal (NCRP)
- B. Cyber and Information Security Division (CISD)
- C. Indian Cyber Crime Coordination Centre (I4C) ✓
- D. Central Bureau of Investigation (CBI)

Q86 General Awareness

Which of the following Five-Year Plans was based on the Harrod-Domar Model?

- A. Fifth
- B. Third
- C. Seventh
- D. First ✓

Q87 General Awareness

What is the general slope of the Deccan Plateau?

- A. South to North
- B. North to South
- C. West to East ✓
- D. East to West

Q88 General Awareness

The 'Nuclear Energy Mission for Viksit Bharat' aims to achieve how much nuclear energy capacity by 2047?

- A. 75 GW
- B. 100 GW ✓
- C. 125 GW
- D. 50 GW

Q89 General Awareness

Which initiative was launched to provide reliable electricity to all households in India, especially in rural areas?

- A. GARV Dashboard
- B. Saubhagya Scheme ✓
- C. UJALA Scheme
- D. Shakti Scheme

Q90 General Awareness

Ashok Chandra assumed charge as Managing Director and Chief Executive Officer of _____ on 16th January 2025.

- A. Punjab National Bank ✓
- B. Central Bank of India
- C. Canara Bank
- D. Union Bank of India

Q91 General Awareness

Which postulate of Dalton's atomic theory explains the Law of Definite Proportions?

- A. Atoms of different elements have different masses and properties.
- B. Atoms combine in simple whole-number ratios to form compounds. ✓
- C. Atoms are indivisible and indestructible.
- D. Atoms of the same element are identical in mass and size.

Q92 General Awareness

In the context of British plantations in India, what does the term 'bigha' refer to?

- A. A plant that replaced indigo in Britain
- B. An agreement made with the ryots
- C. A revenue estate which has one or more villages
- D. A unit of measurement of land ✓

Q93 General Awareness

In January 2025, which state cricket association unveiled plans to construct the largest cricket stadium in India, with a seating capacity of 1.25 lakh spectators?

- A. Odisha Cricket League
- B. Andhra Cricket Association ✓
- C. Delhi District Cricket Association
- D. Punjab Cricket Association

Q94 General Awareness

Who among the following passed an Act in 1898, making it an offence to provoke people against the British rulers?

- A. Lord Elgin
- B. Lord Curzon ✓
- C. Lord Mayo
- D. Lord Northbrook



Q95 General Awareness

What are quaternary activities mainly associated with?

- A. Industrial work
- B. Transportation
- C. Information and research ✓
- D. Agriculture

Q96 General Awareness

During which period of Indian history were the stupas of Sanchi and Sarnath built, reflecting its architectural style?

- A. Mauryan rule ✓
- B. Vakataka rule
- C. Gupta rule
- D. Kushan rule

Q97 General Awareness

Which Article of the Indian Constitution empowers the Parliament and State Legislatures to make laws for the whole or any part of the territory of India?

- A. Article 245 ✓
- B. Article 256
- C. Article 250
- D. Article 249

Q98 General Awareness

What is the projected valuation of India's satellite communication (satcom) market by 2028?

- A. \$20 billion ✓
- B. \$10 billion
- C. \$15 billion
- D. \$5 billion

Q99 General Awareness

In which year was the Paris Agreement adopted?

- A. 2013
- B. 2015 ✓
- C. 2016
- D. 2017

Q100 General Awareness

The spread of the Green Revolution technology enabled India to achieve self-sufficiency in _____.

- A. oil seeds
- B. food grains ✓
- C. vegetables
- D. sugarcane



Mathematics

30 Questions • Answer Key

Q1 Mathematics

Evaluate: $(-9) - (-60) \div (-10) + (-4) \times 8$

A. -50

B. -46

C. -49

D. -47 ✓

Q2 Mathematics

If the sum of the interior angles of a regular polygon is equal to four times the sum of its exterior angles, then what is the number of diagonals in the polygon?

A. 31

B. 35 ✓

C. 33

D. 28

Q3 Mathematics

Sapna invested ₹20,300 on simple interest, partly at the rate of 5% per annum and partly at the rate of 9% per annum. If she earns equal interests from the two investments after 7 years, then find the sum invested at the rate of 5% per annum (in ₹).

A. 13,049

B. 13,050 ✓

C. 13,052

D. 13,051

Q4 Mathematics

Which of the following numbers divides 5,63,607?

A. 10

B. 8

C. 3 ✓

D. 13

Q5 Mathematics

M and N start a business. M invests ₹33,000 more than N for 2 months and N invests for 7 months. M's share is ₹605 more than that of N, out of a total profit of ₹1,815. Find the capital contributed by M.

A. ₹38,500 ✓

B. ₹38,339

C. ₹38,697

D. ₹38,300

Q6 Mathematics

If one trouser is offered free on the purchase of three trousers, what is the effective discount percentage?

A. 30%

B. 15%

C. 25% ✓

D. 20%

Q7 Mathematics

By selling 6 lemons for a rupee, a man loses 30%. To gain 5% how many must he sell for a rupee?

A. 6

B. 3

C. 4 ✓

D. 5

Q8 Mathematics

8 men can complete a piece of work in 5 days, while 8 women can do it in 15 days. In how many days can 3 women and 4 men complete this work?

A. 7 days

B. 5 days

C. 9 days

D. 8 days ✓



Q9 Mathematics

A bus travelling at 84 km/hr completes a journey in 6 hours. What should be its speed to cover the same distance in 12 hours?

- A. 46 km/hr
- B. 44 km/hr
- C. 32 km/hr
- D. 42 km/hr

**Q10 Mathematics**

Find the mean proportional of 81 and 36.

- A. 56
- B. 52
- C. 53
- D. 54

**Q11 Mathematics**

The population of a district is 360000, out of which 231000 are males. 66% of the population is literate. If 66% males are literate, then what percentage of females are literate?

- A. 67%
- B. 63%
- C. 66%
- D. 64%

**Q12 Mathematics**

The ratio between the perimeter and the length of a rectangle is 3 : 1. If the area of the rectangle is 180.5 cm^2 , then what is the breadth of the rectangle?

- A. 19 cm
- B. 9.5 cm
- C. 21 cm
- D. 38 cm

**Q13 Mathematics**

The H.C.F. and the L.C.M. of two numbers are 4 and 3360 respectively. If one of the numbers is 96, find the other one.

- A. 92
- B. 140
- C. 116
- D. 164

**Q14 Mathematics**

3 years ago, the age of a father was 40 years more than twice his son's age. After how many years, from now, will he be twice his son's age?

- A. 37
- B. 38
- C. 32
- D. 33

**Q15 Mathematics**

The product of two consecutive positive natural numbers is 462. The greater of the two numbers is:

- A. 24
- B. 22
- C. 21
- D. 23

**Q16 Mathematics**

Train A leaves station M at 6:40 AM and reaches station N at 3:40 PM on the same day. Train B leaves station N at 8:40 AM and reaches station M at 2:40 PM on the same day. Find the time when trains A and B meet.

- A. 12:28 PM
- B. 11:28 AM
- C. 11:58 AM
- D. 1:28 PM

**Q17 Mathematics**

The marks scored by 10 students are given below.

12, 13, 14, 11, 16, 11, 12, 17, 15, 12

The mode of the data is:

- A. 14
- B. 13
- C. 12
- D. 11

**Q18 Mathematics**

Find the H.C.F. and L.C.M. of 0.48, 1.20 and 1.68.

- A. H.C.F. = 0.24; L.C.M. = 4.80
- B. H.C.F. = 0.24; L.C.M. = 16.8
- C. H.C.F. = 0.12; L.C.M. = 2.40
- D. H.C.F. = 0.12; L.C.M. = 1.68



Q19 Mathematics

Pankaj, Juhi and Siddharth invested ₹1,020, ₹1,740 and ₹1,840, respectively to start a business. If the profit at the end of the year is ₹1,050, what is Siddharth's share of the profit?

A. ₹420



B. ₹418

C. ₹422

D. ₹423

Q20 Mathematics

The average runs scored by a batsman in 23 matches is 44. In the next 10 matches, the batsman scored an average of 13 runs. Find his average (rounded off to two decimals) in all the 33 matches?

A. 34.61



B. 33.61

C. 36.61

D. 35.61

Q21 Mathematics

Find the volume (in cm^3) of a sphere having a diameter of 16.8 cm, giving your answer correct to two decimal places.

Take $\pi = \frac{22}{7}$.

A. 2483.71



B. 2493.71

C. 2473.71

D. 2503.71

Q22 Mathematics

The simple interest on a certain sum for $3\frac{5}{9}$ years at the rate of 2.7% per annum is ₹2,808.

What will be the amount payable on the same sum at the rate of 9.2% per annum simple interest in $5\frac{2}{3}$ years?

A. ₹44,489

B. ₹44,482

C. ₹44,514

D. ₹44,499

**Q23 Mathematics**

Simplify: $\sec^2\phi \cot^2\phi - \frac{1}{\tan^2\phi} + 2\left(\frac{1}{\operatorname{cosec}^2\phi} + \frac{1}{\sec^2\phi}\right)$

A. 0

B. 2

C. 3



D. 1



Q24 Mathematics

A can lay railway track between two given stations in 20 days and B can do the same job in 15 days. With the help of C, they did the job in 3 days only. Then, C alone can do the job in

A. $1\frac{8}{13} \text{ days}$

B. $4\frac{8}{13} \text{ days}$ ✓

C. $10\frac{8}{13} \text{ days}$

D. $11\frac{8}{13} \text{ days}$

Q25 Mathematics

A mobile phone is marked at ₹30,000. Successive discounts of 20% and 10% are applied. What is the final selling price?

A. ₹22,600

B. ₹24,000

C. ₹21,600 ✓

D. ₹24,600

Q26 Mathematics

The value of $\frac{3}{4} + \left(\frac{1}{1 + \frac{5}{6}} \right) - \frac{3}{5}$ is

A. $\frac{162}{227}$

B. $\frac{146}{225}$

C. $\frac{145}{229}$

D. $\frac{153}{220}$ ✓

Q27 Mathematics

Simplify: $3 \left(\left(\frac{6}{3} \right) x^2 - 29x + 14 \right) - 6(x^2 + 5x - 13)$

A. $117x - 120$

B. $-117x + 120$ ✓

C. $-117x - 120$

D. $117x + 120$



Q28 Mathematics

The selling price of 50 books is equal to the cost price of 15 books. Find the loss or gain percentage on these books.

A. 70% loss



B. 70% gain

C. $\frac{100}{35}\%$ loss

D. $\frac{100}{35}\%$ gain

Q29 Mathematics

The value of $\sqrt{400} + \sqrt{0.0289} - \sqrt{7.84} =$

A. 17.37



B. 16.15

C. 12.83

D. 15.86

Q30 Mathematics

By how much is 65% of 75 greater than $\frac{3}{5}$ of 35?

A. 21.75

B. 27.75



C. 24.75

D. 25.75

General Intelligence & Reasoning

30 Questions • Answer Key

Q31 General Intelligence & Reasoning

If 'A' stands for ' $\div$ ', 'B' stands for ' $\times$ ', 'C' stands for ' $+$ ' and 'D' stands for ' $-$ ', then what will come in place of the question mark (?) in the following equation?

48 A 3 C 21 D 8 B 3 = ?

A. 6

B. 13



C. 10

D. 2

Q32 General Intelligence & Reasoning

Seven people, I, J, K, L, P, Q and R, are sitting in a row, facing north. Only three people sit between P and J. R sits to the immediate left of J. No one sits to the right of I. Only two people sit between I and R. Q sits to the immediate right of L. How many people sit between K and Q?

A. Two



B. One

C. Three

D. Four



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Q33 General Intelligence & Reasoning

Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding to/subtracting from/multiplying with 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(11, 110, 11)
(8, 59, 5)

A. (47, 2187, 21)

B. (12, 130, 13)

C. (17, 284, 4)

D. (17, 270, 19)

**Q34 General Intelligence & Reasoning**

In a certain code language, 'TASK' is coded as '4628' and 'KIND' is coded as '1385'. What is the code for 'K' in the given code language?

A. 8



B. 2

C. 3

D. 1

Q35 General Intelligence & Reasoning

Salman ranked 24th from the top and 11th from the bottom in his class. How many students are there in his class?

A. 31

B. 33

C. 34



D. 32

Q36 General Intelligence & Reasoning

If + means -, - means ×, × means ÷ and ÷ means +, then what will come in place of the question mark (?) in the following equation?

$$22 \div 85 \times 5 + 12 - 2 = ?$$

A. 30

B. 37

C. 15



D. 23

Q37 General Intelligence & Reasoning

Seven boxes V, W, X, Y, Z, Q and R are kept one over the other but not necessarily in the same order. Only Y is kept above Z. Only two boxes are kept between Z and Q. Only V is kept below W. X is not kept immediately above Q. Which box is kept fourth from the top?

A. R



B. W

C. X

D. V

Q38 General Intelligence & Reasoning

If 1 is added to each even digit of the number 85624179 then the digits are arranged in ascending order from left to right. Find the product of the digits which are second from the left end and third from the right end.

A. 16

B. 21



C. 24

D. 14

Q39 General Intelligence & Reasoning

In a certain code language, 'REPS' is coded as '7531' and 'EARS' is coded as '3217'. What is the code for 'A' in the given code language?

A. 1

B. 5

C. 2



D. 3

Q40 General Intelligence & Reasoning

L, M, N, O, Q, R, and S are sitting around a circular table facing the centre of the table. Only four people sit between Q and M when counted from the right of Q. Q sits third to the left of O. L sits third to the left of R. S is an immediate neighbor of both M and O.

How many people sit between N and S when counted from the right of N?

A. Two



B. Three

C. One

D. Four



Q41 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series based on the English alphabetical order?

LEB QJG VOL ATQ ?

A. FYU

B. FVY

C. FYV



D. FRT

Q42 General Intelligence & Reasoning

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

All pencils are copies.
Some copies are erasers.

Conclusions

(I): Some pencils are erasers.

(II): Some erasers are copies.

A. Both conclusions (I) and (II) follow.

B. Only conclusion (II) follows.



C. Only conclusion (I) follows.

D. Neither conclusion (I) nor (II) follows.

Q43 General Intelligence & Reasoning

Joe walks east for 60 m from his house. He then takes a left turn and walks for 20 m, turns left and walks for 80 m. He then turns left and walks for 30 m, turns left and walks for 30 m. He takes a final left turn and walks for 10 m and stops. How far (shortest distance) and in which direction he should move in order to reach his house? (All turns are 90-degree turns only unless specified.)

A. 10 m towards the north

B. 10 m towards the west



C. 10 m towards the east

D. 10 m towards the south

Q44 General Intelligence & Reasoning

Shivani starts from point X and drives 11 km towards the east. She then takes a left turn, drives 5 km, turns right and drives 5 km. She then takes a right turn and drives 2 km. She then takes a right turn, drives 7 km. She then takes a left turn and drives 10 km. She then takes a final right turn and drives 9 km and stops at point Z. How far (shortest distance) and towards which direction should she drive in order to reach point X again? (All turns are 90 degrees unless specified)

A. 7 km north



B. 10 km north

C. 5 km south

D. 7 km south

Q45 General Intelligence & Reasoning

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.

Statements: All geysers are fans. No fan is a bulb.

Conclusions (I): No geyser is a bulb.

Conclusions (II): Some fans are geysers.

A. Neither conclusion (I) nor (II) follows.

B. Only conclusion (II) follows.

C. Only conclusion (I) follows.

D. Both conclusions (I) and (II) follow.

**Q46 General Intelligence & Reasoning**

In a certain code language,
A \$ B means 'A is the mother of B',
A + B means 'A is the brother of B',
A @ B means 'A is the wife of B',
and A ÷ B means 'A is the father of B'.

How is E related to N if 'E \$ F @ G ÷ M + N'?

A. Mother's mother



B. Mother's sister

C. Sister

D. Mother



Q47 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series?

9 11 19 61 239 ?

A. 1102

B. 1120

C. 1021

D. 1201

**Q48 General Intelligence & Reasoning**

Seven boxes A, B, C, D, E, F, and G are kept one over the other but not necessarily in the same order. Only three boxes are kept below F. Only two boxes are kept between F and G. Only B is kept above D. A is kept at some place below E and at some place above C. How many boxes are kept above E?

A. Three

B. One

C. Four

D. Two

**Q49 General Intelligence & Reasoning**

Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

O50P R51S U54V X59Y ?

A. A66B



B. Z66A

C. Z65B

D. A65B

Q50 General Intelligence & Reasoning

EGLU is related to CDJR in a certain way based on the English alphabetical order. In the same way, WUDI is related to URBF. To which of the given options is QLXZ related, following the same logic?

A. OIVW



B. OVIT

C. YOBH

D. OWVI

Q51 General Intelligence & Reasoning

DWQR is related to VOIJ in a certain way based on the English alphabetical order. In the same way, XQKL is related to PICD. To which of the given options is ZSMN related, following the same logic?

A. RFKI

B. RIKF

C. REKF

D. RKEF

**Q52 General Intelligence & Reasoning**

Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) 9 8 5 @ 8 σ 9 π % 2 8 # 1 2 \$ * 8 1 π 5 (Right)

How many such even numbers are there, which are immediately preceded by a symbol and also immediately followed by an even number?

A. Four

B. Two

C. None

D. One

**Q53 General Intelligence & Reasoning**

Each of the digits in the number 9123547 is arranged in ascending order from left to right. What will be the sum of the digits that are second from the left and second from the right in the new number thus formed?

A. 7

B. 8

C. 6

D. 9

**Q54 General Intelligence & Reasoning**

Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. ES - AN



B. NB - KW

C. KX - HS

D. WI - TD



Q55 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series?

58, 64, 70, 76, 82, ?

A. 88



B. 78

C. 85

D. 79

Q56 General Intelligence & Reasoning

This question is based on the five, three-digit numbers given below.

(Left) 415 672 456 782 324 (Right)

(Example- 697 – First digit = 6, second digit = 9 and third digit = 7)

(NOTE: All operations to be done from left to right.)

What will be the resultant if the third digit of the lowest number is added to the second digit of the highest number?

A. 12



B. 10

C. 11

D. 13

Q57 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group? (Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. LGK

B. PKO

C. UPT

D. HCF

**Q58 General Intelligence & Reasoning**

Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. IDH



B. SNQ

C. PKN

D. MHK

Q59 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series?

38 41 47 59 83 ?

A. 145

B. 131



C. 121

D. 132

Q60 General Intelligence & Reasoning

AXUJ is related to DBZP in a certain way based on the English alphabetical order. In the same way, MNOH is related to PRTN. To which of the given options is VZDZ related, following the same logic?

A. YDFI

B. YIGF

C. YFID

D. YDIF

**General Awareness**

40 Questions • Answer Key

Q61 General Awareness

Which of the following is the correct sequence to create a new file in WordPad on a Windows computer?

A. File → New



B. File → Open → New Document

C. Insert → New File

D. Home → New File

Q62 General Awareness

As per the Press Information Bureau release dated March 10, 2025, what is a major feature of the Bills of Lading Bill, 2025?

A. Mandating insurance for all cargo vessels

B. Replacing paper bills with biometric authentication

C. Fixing freight rates for maritime shipments

D. Modernising India's maritime laws by replacing the old law



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Q63 General Awareness

Which classical Sanskrit play was written by Kalidasa?

- A. Svapnavasavadattam
- B. Mrichchhakatika
- C. Abhijnana-Shakuntalam ✓
- D. Mudrarakshasa

Q64 General Awareness

Which of the following joint military exercises between India and Mongolia commenced its 17th edition in Ulaanbaatar on 31 May 2025?

- A. Vajra Prahar
- B. Yudh Abhyas
- C. Garuda Shakti
- D. Nomadic Elephant ✓

Q65 General Awareness

The 13th edition of the joint military exercise 'Ekuverin' 2025 was conducted in which country?

- A. Cambodia
- B. India
- C. Maldives ✓
- D. Thailand

Q66 General Awareness

Which city hosted the International Air Transport Association (IATA) Annual General Meeting and World Air Transport Summit in June 2025?

- A. Hyderabad
- B. New Delhi ✓
- C. Mumbai
- D. Bengaluru

Q67 General Awareness

Who was the Chairman and Chief Executive Officer (CEO) of the Railway Board as on 1st May 2025?

- A. Hitendra Malhotra
- B. Naveen Gulati
- C. Satish Kumar ✓
- D. Braj Mohan Agrawal

Q68 General Awareness

Diabetes mellitus is caused by the inadequate secretion of which hormone?

- A. Estrogen
- B. Insulin ✓
- C. Adrenaline
- D. Thyroxine

Q69 General Awareness

The Mauryan empire was founded by Chandragupta Maurya in which of the following years?

- A. 322 BCE ✓
- B. 375 BCE
- C. 300 BCE
- D. 350 BCE

Q70 General Awareness

He was a militant nationalist who believed that the only way to India's freedom is through mass protests, especially by the youth. For this purpose, he began celebrating local festivals like Ganesh Chaturthi and Shivaji Jayanti on a grand scale, urging the youth to join in. He was also the editor of 'Kesari', a Marathi newspaper, which became one of the strongest critics of British rule. The leader in question is:

- A. Bipin Chandra Pal
- B. Gopal Krishna Gokhale
- C. Bal Gangadhar Tilak ✓
- D. Lala Lajpat Rai

Q71 General Awareness

How can you resize a window using its corners or borders in Windows?

- A. Click the middle of the window and press Ctrl.
- B. Press Alt + Enter to auto-resize the window.
- C. Drag the title bar to change the size.

- D. Place the mouse pointer over a border or corner until it turns into a double-headed arrow, then drag. ✓



Q72 General Awareness

The Right to Constitutional Remedies, allowing individuals to move the Supreme Court directly for the enforcement of rights, is given under:

- A. Article 33
- B. Article 30
- C. Article 32
- D. Article 31

**Q73 General Awareness**

The foundation day anniversaries of which two Indian states was celebrated on 20 February 2025?

- A. Meghalaya and Tripura
- B. Assam and Manipur
- C. Arunachal Pradesh and Mizoram
- D. Nagaland and Sikkim

**Q74 General Awareness**

According to the National Forest Policy 1988, how much percentage of the total area of the country should be under forest in order to maintain ecological balance?

- A. 25%
- B. 20%
- C. 33%
- D. 28%

**Q75 General Awareness**

As of May 2025, what is the total number of Higher Education Institutions (HEIs) in India?

- A. 60,000
- B. 65,300
- C. 72,000
- D. 70,683

**Q76 General Awareness**

Which of the following Indian states is bordered by both the Bay of Bengal and the Eastern Ghats?

- A. Punjab
- B. Karnataka
- C. Gujarat
- D. Odisha

**Q77 General Awareness**

The hot weather season in India is generally observed from:

- A. October to November
- B. March to May
- C. June to September
- D. December to February

**Q78 General Awareness**

Which hazardous pesticide was agreed to be eliminated under the Stockholm Convention held in Geneva in 2025?

- A. Glyphosate
- B. DDT
- C. Atrazine
- D. Chlorpyrifos

**Q79 General Awareness**

What is the name of the glycoprotein produced in the liver that plays a crucial role in blood clotting?

- A. Cadherin
- B. Mucins
- C. Selectin
- D. Fibrinogen

**Q80 General Awareness**

Which initiative is associated with the construction of individual household toilets in India?

- A. AMRUT
- B. Smart Cities Mission
- C. Jal Jeevan Mission
- D. Swachh Bharat Abhiyan

**Q81 General Awareness**

Tourism in India contributes to which type of economic activity?

- A. Primary
- B. Secondary
- C. Tertiary
- D. Quinary



Q82 General Awareness

How is a long and healthy life measured in HDI?

- A. Access to hospitals
- B. Health insurance coverage
- C. Number of doctors
- D. Life expectancy at birth ✓

Q83 General Awareness

Raja Ram Mohan Roy was an active social reformer who spoke greatly for the problems faced by women. He was an inseparable agent who brought down the social evil of 'sati'. The reform association founded by him was:

- A. Arya Samaj
- B. Brahmo Samaj ✓
- C. Ramakrishna Mission
- D. Prarthana Samaj

Q84 General Awareness

Under which Article of the Indian Constitution is citizenship at the commencement of the Constitution defined?

- A. Article 5 ✓
- B. Article 10
- C. Article 11
- D. Article 6

Q85 General Awareness

The earliest documented evidence of puppetry in India is in which of the following languages?

- A. Tamil ✓
- B. Gujarati
- C. Bengali
- D. Sanskrit

Q86 General Awareness

Which Indian astronaut participated in the Axiom Mission-4 to the ISS in 2025 to conduct space agriculture experiments?

- A. Sunita Williams
- B. Shubhanshu Shukla ✓
- C. Kalpana Chawla
- D. Rakesh Sharma

Q87 General Awareness

In the Gupta period, the term Udranga referred to _____.

- A. toll tax on rivers
- B. land tax ✓
- C. tax on trade goods
- D. royal donation to temples

Q88 General Awareness

At the 2025 British Book Awards gala in central London, who received the Freedom to Publish award?

- A. Margaret Atwood ✓
- B. JK Rowling
- C. Salman Rushdie
- D. Hilary Mante

Q89 General Awareness

Who has developed the technology enabling India to shoot down fixed-wing drones using a laser beam?

- A. Defence Research Development Organisation ✓
- B. Aeronautical Development Agency
- C. Armed Forces Tribunal, Delhi
- D. Armed Forces Medical College (AFMC)

Q90 General Awareness

Which of the following pairs of Union Territories were merged to form a single Indian Union Territory in 2020?

- A. Dadra and Nagar Haveli and Daman and Diu ✓
- B. Jammu and Kashmir and Ladakh
- C. Chandigarh and Puducherry
- D. Andaman and Nicobar and Lakshadweep

Q91 General Awareness

The government has made efforts to boost financial inclusion. Which 2014 scheme aimed to provide universal banking access in India?

- A. MUDRA Yojana
- B. JAM Trinity
- C. Jan Dhan Yojana ✓
- D. PMAY



Q92 General Awareness

What is the relation between the speed of sound (v), its wavelength (λ) and time period (T)?

A. $v = \lambda + T$

B. $v = \lambda \times T$

C. $v = \lambda / T$ ✓

D. $v = T / \lambda$

Q93 General Awareness

In which of the following years did the Government of India disinvest 51% of shares of Bharat Aluminium Company Limited (BALCO) to Sterlite Industries (India) Limited, now Vedanta Limited?

A. 2004

B. 2001 ✓

C. 1997

D. 2008

Q94 General Awareness

What was India's total non-fossil fuel installed capacity as of November 2024, as per the Ministry of New and Renewable Energy?

A. 223.70 GW

B. 243.70 GW

C. 213.70 GW ✓

D. 263.70 GW

Q95 General Awareness

What was the significant change in funding norms for National Sports Federations (NSFs) announced by the Indian government in 2025?

A. Reduction in financial assistance for training athletes

B. Allocation of at least 20% of their annual budget toward junior and youth development programmes ✓

C. Elimination of funding for foreign coaches in order to promote Indian coaches and youth development programmes

D. Decrease in coach salaries

Q96 General Awareness

Which organisation was established in 1817 to promote Western education among Indians?

A. Aligarh Movement

B. Hindoo College ✓

C. Brahmo Samaj

D. Arya Samaj

Q97 General Awareness

The 'Handball at School' initiative launched in 2025 to promote handball at the grassroots level in India is a collaboration between which organisations?

A. Ministry of Youth Affairs and Sports and National Handball Federation

B. International Handball Federation and Asian Handball Federation ✓

C. All India School Sports Federation and Handball Association of India

D. Indian Olympic Association and Sports Authority of India

Q98 General Awareness

Centralised planning influenced India's industrial strategy for decades. Under which five-year plan were small-scale industries given specific protection and incentives?

A. Third Plan

B. Fourth Plan

C. Fifth Plan

D. Second Plan ✓

Q99 General Awareness

Which of the following pairs of Indian states share international borders with Bangladesh?

A. Manipur and Assam

B. West Bengal and Tripura ✓

C. Nagaland and Punjab

D. Sikkim and Manipur



Q100 General Awareness

Public Interest Litigation (PIL) in India is primarily associated with which of the following?

A. Judicial activism



B. Police investigations

C. Judicial review

D. Election Commission



Mathematics

30 Questions • Answer Key

Q1 Mathematics

Find the value of: $[616 \div \{26 + 9 \times (5 - 7)\}]$.

A. 78

B. 79

C. 82

D. 77 ✓

Q2 Mathematics

What is the area (rounded off to the nearest integer) of a triangle whose three sides measure 11 cm, 15 cm and 16 cm?

A. 82 cm²B. 84 cm²C. 79 cm² ✓D. 87 cm²

Q3 Mathematics

Two pipes can fill a cistern, individually, in 16 minutes and 32 minutes, respectively. There is a pipe located at the bottom of the cistern to empty it. If all the three pipes are opened simultaneously, then the empty cistern gets filled in 12 minutes. How long will the pipe at the bottom of the tank take to empty the completely filled cistern if no other pipe is then open?

A. 144 minutes

B. 96 minutes ✓

C. 160 minutes

D. 192 minutes

Q4 Mathematics

M and N start a business. M invests ₹39,000 more than N for 4 months and N invests for 7 months. M's share is ₹508 more than that of N, out of a total profit of ₹4,064. Find the capital contributed by M.

A. ₹70,200 ✓

B. ₹70,322

C. ₹70,243

D. ₹70,391

Q5 Mathematics

5 years ago, the age of a father was 11 years more than twice his son's age. After how many years, from now, will he be twice his son's age?

A. 4

B. 6 ✓

C. 5

D. 10

Q6 Mathematics

Evaluate: $(-9) - (-60) \div (-10) + (-2) \times 7$

A. -28

B. -31

C. -32

D. -29 ✓

Q7 Mathematics

The population of a district is 374000, out of which 165000 are males. 21% of the population is literate. If 40% males are literate, then what percentage of females are literate?

A. 5%

B. 7%

C. 6% ✓

D. 8%

Q8 Mathematics

The LCM of the numbers 5.1 and 0.102 is:

A. 0.51

B. 0.051

C. 5.1 ✓

D. 51

Q9 Mathematics

In covering a distance of 60 km, Pranay takes 6 hours more than Aman. If Pranay doubles his speed, then he would take 9 hours less than Aman. Pranay's speed is:

A. 9 km/hr

B. 12 km/hr

C. 2 km/hr ✓

D. 11 km/hr



Q10 Mathematics

Which of the following numbers divides 54,10,96,943?

A. 97



B. 107

C. 87

D. 103

Q11 Mathematics

A man riding on a bicycle at a speed of 24 km/hr crosses a bridge in 3.1 minutes. Find the length of the bridge.

A. 1.24 km



B. 1.64 km

C. 0.34 km

D. 0.62 km

Q12 Mathematics

An open metallic box is 60 cm long, 40 cm wide and 23 cm high. Its thickness is 3 cm. If 1 cm^3 of metal used in the box weighs 0.5 grams, find the weight (in kg) of the box.

A. 9.24



B. 10.42

C. 10.82

D. 8.46

Q13 Mathematics

The product of two consecutive natural numbers is 600. The greater of the two numbers is:

A. 16

B. 31

C. 25



D. 40

Q14 Mathematics

A, B and C started a business investing ₹1,340, ₹1,100 and ₹2,440, respectively. If B's share in the profit earned by them is ₹814, what is the difference in the profit (in ₹) earned by A and C?

A. ₹815

B. ₹814



C. ₹816

D. ₹811

Q15 Mathematics

Find the simple interest (in ₹) on ₹1,200 at an interest rate of 4% per month for 4 months.

A. ₹16

B. ₹32

C. ₹36

D. ₹192

**Q16 Mathematics**

In $\triangle ABC$, $BD \perp AC$ at D and $\angle DBC = 29^\circ$. E is a point on BC such that $\angle CAE = 25^\circ$. What is the measure of $\angle AEB$?

A. 100°

B. 86°



C. 90°

D. 93°

Q17 Mathematics

On a marked price of ₹5,000, a dealer offers successive discounts of 10% and 5%. Find the selling price.

A. ₹4,250

B. ₹4,275



C. ₹4,280

D. ₹4,320

Q18 Mathematics

Find the mean proportional of 490 and 10.

A. 67

B. 71

C. 68

D. 70

**Q19 Mathematics**

Amit bought some erasers at the rate of ₹150 a dozen. He sold them for ₹42 each. His profit percentage is ____%.

A. 234

B. 240

C. 236



D. 238



Q20 Mathematics

The average weight (in kg) of a family of five members, whose weights are 40 kg, 49 kg, 56 kg, 74 kg, and 39 kg, is:

A. 52.6

B. 51.6



C. 53.6

D. 50.6

Q21 Mathematics

The average price of three items of furniture is ₹ 16860. If their prices are in the ratio 3:5:7, the price of the costliest item (in ₹) is

A. 5620

B. 23604



C. 10116

D. 7868

Q22 Mathematics

The sum of two numbers is 84 and their L.C.M. is 120. What are the two numbers?

A. 58, 26

B. 53, 31

C. 65, 19

D. 60, 24

**Q23 Mathematics**

The selling price of 50 books is equal to the cost price of 16 books. Find the loss or gain percentage.

A. $\frac{100}{34}\%$ loss

B. $\frac{100}{34}\%$ gain

C. 68% loss



D. 68% gain

Q24 Mathematics

A product is marked at ₹7,500. Two successive discounts of 8% and 5% are offered. What is the final selling price?

A. ₹4,525

B. ₹5,655

C. ₹5,125

D. ₹6,555



Q25 Mathematics

The value of $\frac{5}{2} + \left(\frac{1}{1 + \frac{3}{8}} \right) - \frac{5}{3}$ is

A. $\frac{95}{69}$

B. $\frac{103}{66}$ 

C. $\frac{106}{59}$

D. $\frac{113}{72}$

Q26 Mathematics

By how much is 65% of 55 greater than $\frac{2}{5}$ of 15?

A. 23.75

B. 27.75

C. 29.75 

D. 26.75

Q27 Mathematics

Pipe A can fill a tank in 20 hours, pipe B can fill the same tank in 25 hours and pipe C can fill the same tank in 10 hours. The time taken by them to fill the same tank if they operate together is::

A. $11\frac{5}{19}$ hours

B. $5\frac{5}{19}$ hours 

C. $3\frac{5}{19}$ hours

D. $2\frac{5}{19}$ hours



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Q28 Mathematics

Simplify: $3\left(\left(\frac{4}{3}\right)x^2 - 24x + 18\right) - 4(x^2 + 7x - 18)$

A. $100x + 126$

B. $-100x - 126$

C. $-100x + 126$ ✓

D. $100x - 126$

Q29 Mathematics

The simple interest on a certain sum for $4\frac{1}{5}$ years at the rate of 2.5% per annum is ₹8,400.

What will be the amount payable on the same sum at the rate of 8.1% per annum simple interest in $10\frac{1}{4}$ years?

A. ₹1,46,420 ✓

B. ₹1,46,429

C. ₹1,46,404

D. ₹1,46,416

Q30 Mathematics

If $\cot^2\theta = \frac{1}{(1-a^2)}$, $|a| < 1$, and θ is an acute angle, then find the value of $(\sec\theta + \operatorname{cosec}\theta \tan^3\theta)$.

A. $(4 - a^2)$

B. $(a^2 - 8)$

C. $(2 - a^2)^{\frac{3}{2}}$ ✓

D. $(2 - a^{\frac{3}{2}})$

General Intelligence & Reasoning

30 Questions • Answer Key

Q31 General Intelligence & Reasoning

Each of the digits in the number 2516984 is arranged in the ascending order from left to right. What will be the sum of the digits that are third from the left and third from the right in the new number thus formed?

A. 7

B. 12

C. 10 ✓

D. 9

Q32 General Intelligence & Reasoning

In a certain code language, 'LOAN' is coded as '4257' and 'NIKE' is coded as '1346'. What is the code for 'N' in the given code language?

A. 4 ✓

B. 6

C. 1

D. 7



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Q33 General Intelligence & Reasoning

Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

DLY 15, BJW 22, ZHU 29, XFS 36, ?

- A. VER 42
- B. VDP 41
- C. WER 43
- D. VDQ 43

**Q34 General Intelligence & Reasoning**

What should come in place of the question mark (?) in the given series?

191 192 196 205 221 ?

- A. 236
- B. 246
- C. 231
- D. 241

**Q35 General Intelligence & Reasoning**

Read the given statement(s) and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statement(s).

Statements:

Some crafts are handlooms.
All shawls are handlooms.

Conclusions:

- (I) Some crafts are shawls.
- (II) All handlooms are shawls.

- A. Only conclusion (II) follows.
- B. Only conclusion (I) follows.
- C. Both conclusions (I) and (II) follow.
- D. Neither conclusion (I) nor (II) follows.

**Q36 General Intelligence & Reasoning**

Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

- A. EH-GJ
- B. YB-ZF
- C. PS-RU
- D. IL-KN

**Q37 General Intelligence & Reasoning**

In a row of certain number of people facing north, Rahul is sitting 245th from the left end and 19th from the right end. What is the total number of people in that row?

- A. 263
- B. 264
- C. 236
- D. 226

**Q38 General Intelligence & Reasoning**

DJMS is related to FORU in a certain way based on the English alphabetical order. In the same way, LDGA is related to NILC. To which of the given options is RSVG related, following the same logic?

- A. TXAI
- B. TXSW
- C. TAXI
- D. TIXA

**Q39 General Intelligence & Reasoning**

A, B, C, D, E, F and G are sitting around a circular table facing the centre. B sits third to the left of G. C sits second to the left of B. F sits to the immediate right of D. E sits to the immediate right of G. How many people sit between A and D when counted from the left of A?

- A. One
- B. Two
- C. Four
- D. Three



Q40 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. ZTW



B. CXZ

C. OJL

D. IDF

Q41 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series?

890 891 893 896 900 ?

A. 906

B. 904

C. 903

D. 905

**Q42 General Intelligence & Reasoning**

Town P is to the south of Town Q. Town R is to the west of Town Q. Town S is to the west of Town R. Town T is to the north of Town S and also to the south of Town U. What is the position of Town U with respect to Town S?

A. North



B. South

C. West

D. East

Q43 General Intelligence & Reasoning

Seven boxes P, Q, R, S, X, Y and Z are kept one over the other, but not necessarily in the same order. Z is kept second from the bottom. Only three boxes are kept between Z and R. X is kept at one of the positions below Z. Only S is kept between R and Y. P is kept at one of the positions above R. How many boxes are kept between Q and R?

A. Three

B. Four

C. Two



D. One

Q44 General Intelligence & Reasoning

I, J, K, L, O, P and Q are sitting around a circular table, facing the centre of the table.

P sits third to the left of K. O sits second to the left of J.

Only K sits between Q and O. L is not an immediate neighbour of P.

How many people sit between I and O when counted from the right of I?

A. One

B. Two



C. Three

D. Four

Q45 General Intelligence & Reasoning

Each of the digits in the number 5648321 is arranged in ascending order from left to right. What will be the sum of the digits that are second from the left and second from the right in the new number thus formed?

A. 8



B. 5

C. 6

D. 4

Q46 General Intelligence & Reasoning

In the following triads, each group of letters is related to the subsequent one following a certain logic. Select from the given options, the one which follows the same logic.

ABLE - BLAE - ELBA

ITEM - TEIM - METI

A. SLOT - LOST - TOLS



B. CAME - AMCE - AMEC

C. SACK - ASCK - KACS

D. OPEN - OEPN - NEPO

Q47 General Intelligence & Reasoning

In a certain code language, 'learning is lifelong' is written as 'fk mb tb' and 'is school over' is coded as 'jt mt fk'. How is 'is' coded in the given language?

A. tb

B. jt

C. mb

D. fk



Q48 General Intelligence & Reasoning

What will come in the place of the question mark (?) in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged?

$$72 \times 3 - 8 \div 5 + 31 = ?$$

A. 31

B. 33



C. 35

D. 37

Q49 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series?

56 58 63 73 90 ?

A. 112

B. 115

C. 116



D. 114

Q50 General Intelligence & Reasoning

Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) 5 8 £ 1 7 & \$ \$ 7 # 4 1 8 9 @ 7 5 7 £ @ 2 & (Right)

How many such numbers are there each of which is immediately preceded by a number and also immediately followed by a number?

A. 4

B. 2

C. 3



D. 5

Q51 General Intelligence & Reasoning

In the following number-pairs, the second number is obtained by applying certain mathematical operations to the first number. Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

300, 194

315, 209

A. 255, 159

B. 272, 166



C. 240, 124

D. 288, 180

Q52 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. ICWS

B. NHBX

C. KFYU



D. DXRN

Q53 General Intelligence & Reasoning

This question is based on the five, three-digit numbers given below.

(Left) 512 648 729 378 462 (Right)

(Example- 697 – First digit = 6, second digit = 9 and third digit = 7)

(NOTE: All operations to be done from left to right.)

What will be the resultant if the first digit of the lowest number is added to the third digit of the highest number?

A. 11

B. 13

C. 10

D. 12



Q54 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series based on the English alphabetical order?

UNA OHU IBO CVI ?

A. WPC



B. WPS

C. WCP

D. WSP

Q55 General Intelligence & Reasoning

MJRN is related to KHPL in a certain way based on the English alphabetical order. In the same way, PMUQ is related to NKSO. To which of the given options is SPXT related, following the same logic?

A. QNVR



B. QNRV

C. NQRV

D. NQVR

Q56 General Intelligence & Reasoning

Seven boxes A, B, C, D, E, F and G are kept one over the other but not necessarily in the same order. D is kept immediately above A. G is kept immediately above B. Only E is kept above C. Only two boxes are kept above D. G is not kept at the third position from the bottom. How many boxes are kept above G?

A. 5



B. 4

C. 3

D. 2

Q57 General Intelligence & Reasoning

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.

Statements: Some laptops are computers. No computer is a mobile.

Conclusions (I): No laptop is a mobile.

Conclusions (II): Some laptops are mobile.

A. Only conclusion (II) follows.

B. Both conclusions (I) and (II) follow.

C. Only conclusion (I) follows.

D. Neither conclusion (I) nor (II) follows.

**Q58 General Intelligence & Reasoning**

If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 8147563, what will be the sum of the digits that are second from the left and second from the right?

A. 4

B. 14

C. 6



D. 10

Q59 General Intelligence & Reasoning

I is the daughter of X. K is the son of R. X is married to Z. Z is the mother of N. F is married to R. F is the brother of X. How is X related to K?

A. Mother's brother

B. Father

C. Father's brother



D. Father's father

Q60 General Intelligence & Reasoning

Bimal starts from Point Y and drives 44 km towards south. He then takes a left turn, drives 56 km, turns right and drives 37 km. He then takes a right turn and drives 23 km. He takes a right turn, drives 28 km. He then turns right, drives 38 km, turns left and drives 53 km, turns right and drives 19 km to stop at Point Z. How far (shortest distance) and towards which direction should he drive in order to reach Point Y again? (All turns are 90° turns only unless specified.)

A. 90 km towards west



B. 87 km towards east

C. 84 km towards south

D. 92 km towards east



Q61 General Awareness

As announced in January 2025, which Indian pharmaceutical company is set to manufacture Paracetamol domestically?

- A. Lupin
- B. Alkem Laboratories
- C. Ajanta Pharmaceuticals
- D. Satya Deeptha Pharmaceuticals ✓

Q62 General Awareness

Which Constitutional Amendment added the words 'Socialist', 'Secular' and 'Integrity' to the Preamble of the Indian Constitution?

- A. 52ndAmendment
- B. 42ndAmendment ✓
- C. 38thAmendment
- D. 44thAmendment

Q63 General Awareness

Which type of natural vegetation in India is known for forests with hardwood trees such as sal, teak, and bamboo?

- A. Thorn forests
- B. Tropical deciduous forests ✓
- C. Tropical evergreen forests
- D. Montane forests

Q64 General Awareness

In January 2025, the Gujarat government declared the 'Inland Mangrove of Guneri', located in which district, as its first Biodiversity Heritage Site (BHS)?

- A. Kutch ✓
- B. Rajkot
- C. Vadodara
- D. Morbi

Q65 General Awareness

Which archaeological site shows pit dwellings and evidence of domesticated dogs during the Neolithic period?

- A. Koldihwa
- B. Hallur
- C. Burzahom ✓
- D. Chirand

Q66 General Awareness

On May 20, 2025, the Supreme Court has made minimum how many years of legal practice mandatory for entry into the judicial service?

- A. 2 years
- B. 4 years
- C. 3 years ✓
- D. 5 years

Q67 General Awareness

Seasonal unemployment is common in rural economies. Which sector in India experiences the most seasonal unemployment?

- A. Transport
- B. Manufacturing
- C. Information technology
- D. Agriculture ✓

Q68 General Awareness

Which of the following countries withdrew from the OCED Global Tax Deal in January 2025?

- A. Russia
- B. China
- C. USA ✓
- D. India



Q69 General Awareness

In which of the following years did Edward, Prince of Wales visit India on behalf of his father King George V, to thank the nation for the essential role it had played during the First World War?

A. 1921



B. 1920

C. 1922

D. 1925

Q70 General Awareness

What is a key obligation of citizens toward fellow citizens and society?

A. Serve in the military automatically and responsibly

B. Participate morally and socially, not just legally



C. Pay higher taxes than others

D. Maintain political silence responsibly

Q71 General Awareness

As in May 2025, who was the Chairman of the National Highways Authority of India (NHAI)?

A. Vishal Chauhan

B. Santosh Kumar Yadav



C. Shri Alok Deepankar

D. Anil Choudhary

Q72 General Awareness

The 'Keel Laying' ceremony of the first of the five Fleet Support Ships (FSS) for the Indian Navy was held at which place in November 2024?

A. Goa Shipyard Limited

B. ABG Shipyard Ltd., Mumbai

C. Mazagon Dock Shipbuilders Ltd., Cochin

D. Hindustan Shipyard Ltd., Visakhapatnam

**Q73 General Awareness**

As per April 2025 announcement, CRPF decided to raise which battalion for counter terror operation in Jammu and Kashmir?

A. Special Frontier Force (SFF)

B. CoBRA Battalion



C. Para (Special Forces)

D. Garud Commando Force

Q74 General Awareness

The International Date Line approximately follows which meridian?

A. 0°

B. 180°



C. 75° W

D. 90° E

Q75 General Awareness

Who among the following decides the allocation of portfolios among Indian state ministers?

A. Prime Minister

B. Governor

C. Chief Minister



D. Chief Justice of the High Court

Q76 General Awareness

Which of the following is NOT an epigraphic record for the reign of King Harsha?

A. Banskhera Copper Plate

B. Muzaffarnagar Seals



C. Nalanda Seals

D. Aihole Inscription

Q77 General Awareness

Which type of reaction is involved in the rusting of iron?

A. Displacement

B. Redox



C. Combination

D. Decomposition

Q78 General Awareness

What type of pressure develops over the Indian subcontinent during the summer, attracting monsoon winds?

A. High pressure over land

B. Low pressure over land



C. Anti-cyclonic high over land

D. Cyclonic high over land



Q79 General Awareness

Which company signed a ₹1,220 crore deal for Software Defined Radios with Defence Ministry in February 2025?

- A. Hindustan Shipyard
- B. Reliance Naval Systems
- C. L&T
- D. Bharat Electronics Limited ✓

Q80 General Awareness

Who among the following was conferred with a Padma Vibhushan Award 2025 (Posthumous) in the field of literature in April 2025?

- A. Shri MT Vasudevan Nair ✓
- B. Shri Nandamuri Balakrishna
- C. Dr. Duvvur Nageshwar Reddy
- D. Shri Shekhar Kapur

Q81 General Awareness

In which year was the National Disaster Response Force (NDRF) formed under the Disaster Management Act of 2005?

- A. 2005
- B. 2006 ✓
- C. 2007
- D. 2004

Q82 General Awareness

Which farming type involves small landholdings, simple tools, and production mainly consumed by farmers and their families in India?

- A. Commercial farming
- B. Commercial grain farming
- C. Plantation farming
- D. Subsistence farming ✓

Q83 General Awareness

During the Revolt of 1857, Rani Laxmibai led the rebellion from:

- A. Jhansi ✓
- B. Kanpur
- C. Faizabad
- D. Awadh

Q84 General Awareness

Who introduced the Permanent Settlement in British India?

- A. Lord Dalhousie
- B. Lord Wellesley
- C. Lord Cornwallis ✓
- D. Thomas Munro

Q85 General Awareness

Which of the following cases CANNOT be taken up by a Lok Adalat?

- A. Land acquisition cases
- B. Motor accident claims
- C. Non-compoundable criminal offences ✓
- D. Divorce disputes under mutual consent

Q86 General Awareness

DIGIPIN, an open-source nationwide geo-coded addressing system, is an alphanumeric code of how many characters based on latitude and longitude coordinates?

- A. 10 characters ✓
- B. 8 characters
- C. 6 characters
- D. 12 characters

Q87 General Awareness

Infrastructure has been a key pillar for sustained growth. Which initiative was launched in 2020 to coordinate infrastructure projects in India?

- A. Bharatmala Pariyojana
- B. PM Gati Shakti ✓
- C. Make in India
- D. Digital India

Q88 General Awareness

_____ is a classical dance form characterised by elaborate facial makeup, colourful costumes, and themes from Hindu epics, mainly performed by male dancers.

- A. Bharatanatyam
- B. Mohiniyattam
- C. Kathak
- D. Kathakali ✓



Q89 General Awareness

After his election as the first American pope, what papal name did Cardinal Robert Prevost choose?

- A. Pope Leo XIV** ✓
- B. Pope John XXIV
- C. Pope Francis II
- D. Pope Benedict XVII

Q90 General Awareness

Which example best reflects the need for the Constitution in daily life?

- A. Class deciding rules for representation and resource sharing** ✓
- B. Buying groceries from a local store
- C. Resolving a family dispute
- D. Celebrating national festivals

Q91 General Awareness

Which of the following exercises was jointly conducted by the Indian Army and NDRF on May 2025 as a large-scale humanitarian assistance and disaster relief (HADR) simulation?

- A. Prakampana
- B. Raahat** ✓
- C. Shakti
- D. Mitra Shakti

Q92 General Awareness

What does CPU stand for in computer systems?

- A. Control Processing Unit
- B. Central Program Unit
- C. Central Processing Unit** ✓
- D. Computer Processing Unit

Q93 General Awareness

Which of the following players broke National Record in Women's 3000 m steeplechase at Doha Diamond League 2025 and qualified for the World Athletics Championships?

- A. Garima Yadav
- B. Parul Chaudhary** ✓
- C. Ekta Pradeep Dey
- D. Chaitali Borekar

Q94 General Awareness

During which of the following seasons was the National Agricultural Insurance Scheme launched to protect the farmers against crop losses suffered on account of natural calamities such as droughts, floods, hailstorms, cyclones, pests and diseases?

- A. Rabi 1999-2000** ✓
- B. Kharif 1998-1999
- C. Kharif 2001-2002
- D. Rabi 2005-2006

Q95 General Awareness

Which memory is non-volatile, meaning it retains data even after the computer is turned off?

- A. Cache Memory
- B. Virtual Memory
- C. ROM** ✓
- D. RAM

Q96 General Awareness

Which city hosted the inaugural World Audio Visual & Entertainment Summit (WAVES) in May 2025?

- A. Hyderabad
- B. Mumbai** ✓
- C. Chennai
- D. Bengaluru

Q97 General Awareness

A primary goal of LPG reforms was macroeconomic stabilisation. Which indicator improved significantly post-1991 reforms?

- A. Rural unemployment
- B. Revenue deficit
- C. Foreign exchange reserves** ✓
- D. Fiscal deficit



Q98 General Awareness

Which of the following substances is classified as an elastomer?

A. Tissue in Pancreas

2.

B. Tissue in Kidney

C. Tissue of Aorta



4.

D. Tissue in Veins

Q99 General Awareness

Which of the following is the correct terminology for the gap between two neurons where they communicate?

A. Dendritic cleft

B. Axonal gap

C. Node gap

D. Synaptic cleft

**Q100 General Awareness**

Who among the following was the first Indian athlete to win an Olympic gold medal?

A. Milkha Singh

B. Neeraj Chopra

C. KD Jadhav

D. Abhinav Bindra



Mathematics

30 Questions • Answer Key

Q1 Mathematics

Given that $95^{0.53} = x$, $95^{0.83} = y$ and $x^z = y^8$, then the value of z is close to:

- A. 11.75
- B. 15.92
- C. 12.53
- D. 13.4



Q2 Mathematics

The sides of a right-angled triangle are x cm, $(x + 2)$ cm and $(x + 4)$ cm, respectively. If the area of the triangle is 24 cm^2 , find its perimeter (in cm).

- A. 26
- B. 30
- C. 28
- D. 24



Q3 Mathematics

The average runs scored by a batsman in 23 matches is 43. In the next 10 matches, the batsman scored an average of 13 runs. Find his average runs scored (rounded off to two decimal places) in all the 33 matches.

- A. 34.91
- B. 32.91
- C. 35.91
- D. 33.91



Q4 Mathematics

If 2 times a mother's present age is 25 years more than 5 times her daughter's present age, and 3 times the daughter's present age is 9 years less than the mother's present age, then what is the difference (in years) between the ages of the mother and the daughter?

- A. 25
- B. 23
- C. 28
- D. 20



Q5 Mathematics

M and N started a business. M invested ₹31,000 more than N for 2 months, while N invested for 7 months. M's share is ₹139 more than that of N, out of a total profit of ₹5,977. Find the capital contributed by M.

- A. ₹42,529
- B. ₹42,441
- C. ₹42,561
- D. ₹42,625



Q6 Mathematics

On the eve of new year, a branded washing machine is sold for ₹34,340 after allowing 15% discount. What is its marked price (in ₹)?

- A. 44,500
- B. 45,400
- C. 40,400
- D. 44,000



Q7 Mathematics

Find the simple interest (in ₹) on ₹1,200 at an interest rate of 4% per month for 6 months.

- A. ₹44
- B. ₹24
- C. ₹48
- D. ₹288



Q8 Mathematics

A number when increased by 100% gives 2760. The number is:

- A. 4140
- B. 2760
- C. 690
- D. 1380



Q9 Mathematics

Find the surface area of a sphere whose diameter is equal to 64 cm.

- A. $4044\pi \text{ cm}^2$
- B. $4096\pi \text{ cm}^2$ ✓
- C. $4171\pi \text{ cm}^2$
- D. $3994\pi \text{ cm}^2$

Q10 Mathematics

The population of a district is 342000, out of which 228000 are males. 44% of the population is literate. If 59% males are literate, then what percentage of females are literate?

- A. 12%
- B. 16%
- C. 14% ✓
- D. 17%

Q11 Mathematics

The marks scored by 10 students are given below.

20, 20, 20, 19, 14, 18, 20, 12, 11, 17

The mode of the data is:

- A. 18
- B. 20 ✓
- C. 14
- D. 19

Q12 Mathematics

The LCM of the numbers 2.6 and 0.084 is:

- A. 0.546
- B. 5.46
- C. 546
- D. 54.6 ✓

Q13 Mathematics

The sum of two numbers is 52 and their LCM is 651. The two numbers are:

- A. 24, 28
- B. 36, 16
- C. 31, 21 ✓
- D. 29, 23

Q14 Mathematics

Which of the following numbers divides 488309139?

- A. 10
- B. 9 ✓
- C. 11
- D. 13

Q15 Mathematics

Find the simple interest (in ₹) on ₹4,000 at 6.75% per annum rate of interest deposited on 24 February 2024 and withdrawn on 25 April 2024.

- A. ₹45 ✓
- B. ₹43
- C. ₹46
- D. ₹44

Q16 Mathematics

Train A leaves station M at 7:55 a.m. and reaches station N at 2:55 p.m. on the same day. Train B leaves station N at 9:55 a.m. and reaches station M at 2:55 p.m. on the same day. Find the time when Trains A and B meet.

- A. 4:08 p.m.
- B. 1:49 a.m.
- C. 4:48 p.m.
- D. 12:00 p.m. ✓

Q17 Mathematics

A man goes to Indore from Bhopal at a speed of 9 km/hr and returns to Bhopal at speed of 18 km/hr, through the same route. What is his average speed (in km/hr) of the entire journey?

- A. 9
- B. 6
- C. 12 ✓
- D. 15

Q18 Mathematics

If 79% of first number is equal to four-ninths of second number, what is the ratio of first number to the second number?

- A. 404 : 716
- B. 400 : 711 ✓
- C. 396 : 709
- D. 399 : 706



Q19 Mathematics

The cost of 9 pens and 14 pencils is ₹95. If the cost of a pen decreases by ₹3 and the cost of a pencil increases by ₹7, then the cost of 9 pens and 3 pencils is ₹78. What is the original cost of 17 pens and 13 pencils?

A. ₹169

B. ₹166 

C. ₹161

D. ₹162

Q20 Mathematics

A tradesman marks his goods at 24% above the cost price. He allows his customer a discount of 13% on the marked price. Find his profit percentage.

A. 5.76%

B. 8.55%

C. 6.48%

D. 7.88% **Q22 Mathematics**

ABCD is a trapezium in which $BC \parallel AD$ and $AC = CD$. If $\angle ABC = 70^\circ$ and $\angle BAC = 62^\circ$, then what is the measure of $\angle ACD$ (in degree)?

A. 75

B. 84 

C. 82

D. 92

Q23 Mathematics

Pallavi bought a toy for ₹670, decorated it at a cost of ₹10 and sold the toy for ₹290. Find the loss or profit percentage.

A. $\frac{975}{17}\%$ profitB. $\frac{975}{17}\%$ loss 

C. 975 % loss

D. $\frac{985}{17}\%$ profit**Q21 Mathematics**

Amit, Neha, and Kiran invest ₹1,220, ₹1,370, and ₹1,110, respectively, to start a business. If the profit at the end of the year is ₹1,160, then what is the share of Kiran in the profit?

A. ₹348 

B. ₹351

C. ₹345

D. ₹347



Q24 Mathematics

The value of $3^2 + \sqrt{4^2} - 5\sqrt{81} - 4$ is

A. -36



B. -32

C. -41

D. -42

Q25 Mathematics

Simplify the following.

$$3\left(\left(\frac{4}{3}\right)x^2 - 21x + 12\right) - 4(x^2 + 4x - 14)$$

A. $-79x + 92$



B. $-79x - 92$

C. $79x + 92$

D. $79x - 92$

Q26 Mathematics

Simplify the following:

$$\frac{1 + \cot^2\theta}{1 + \tan^2\theta}$$

A. $\tan^2\theta - 1$

B. $\operatorname{cosec}^2\theta - 1$



C. $\cot^2\theta - 1$

D. $\sec^2\theta - 1$

Q27 Mathematics

Pipe A can fill a tank in 16 hours, pipe B can fill the same tank in 21 hours and pipe C can fill the same tank in 11 hours. The time taken by them to fill the same tank if they operate together is::

A. $2\frac{724}{743}$ hours

B. $4\frac{724}{743}$ hours



C. $1\frac{724}{743}$ hours

D. $5\frac{724}{743}$ hours



Q28 Mathematics

Pipe P can fill $\frac{2}{9}$ part of a tank in 20 hours, and pipe Q can fill $\frac{5}{9}$ part of the same tank in 10 hours.

Both P and Q were kept open for 3 hours, then both were closed. Pipe R alone was then opened and it emptied the water in the tank in 8 hours. Pipes P, Q and R together can fill the empty tank in:

- A. 42 hours
- B. 29 hours
- C. 24 hours
- D. 41 hours



Q29 Mathematics

The value of $\frac{5}{4} + \left(\frac{1}{1 + \frac{5}{7}} \right) - \frac{3}{5}$ is

- A. $\frac{43}{34}$
- B. $\frac{37}{30}$
- C. $\frac{46}{33}$
- D. $\frac{36}{23}$



Q30 Mathematics

The selling price of 40 books is equal to the cost price of 30 books. Find the loss or gain percentage.

- A. $\frac{100}{10}\%$ loss
- B. 25% loss
- C. $\frac{100}{10}\%$ gain
- D. 25% gain



Q31 General Intelligence & Reasoning

In the following number-pairs, the second number is obtained by applying certain mathematical operation(s) to the first number. Select the number-pair in which the numbers are related in the same way as are the numbers of the following pairs.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding to/subtracting from/multiplying with 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

17, 153

31, 279

A. 43, 387



B. 14, 122

C. 35, 326

D. 22, 216

Q32 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series?

12 21 38 79 160 ?

A. 297



B. 279

C. 291

D. 219

Q33 General Intelligence & Reasoning

What will come in the place of the question mark (?) in the following equation, '÷' and '×' are interchanged and '-' and '+' are interchanged?

$13 - 5 \div 5 \times 5 + 13 \times 13 - 9 \times 3 \div 3 - 108 = ?$

A. 90

B. 110

C. 134



D. 129

Q34 General Intelligence & Reasoning

Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) 2 4 & # \$ 4 7 6 6 & 1 * \$ 2 © 9 4 8 € \$ * 4 (Right)

How many such numbers are there each of which is immediately preceded by a symbol and also immediately followed by a symbol?

A. 2



B. 4

C. 1

D. 3

Q35 General Intelligence & Reasoning

If + means -, - means ×, × means ÷ and ÷ means +, then what will come in place of the question mark (?) in the following equation?

$20 \div 55 \times 5 + 7 - 4 = ?$

A. 13

B. 3



C. 17

D. 8

Q36 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series?

57, 63, 71, 81, 93, ?

A. 105

B. 170

C. 154

D. 107



Q37 General Intelligence & Reasoning

This question is based on the five, three-digit numbers given below.

(Left) 284 517 639 741 425 (Right)

(Example- 697 – First digit = 6, second digit = 9 and third digit = 7)

(NOTE: All operations to be done from left to right.)

If all the numbers are arranged in descending order, the position(s) of how many numbers will remain unchanged as compared to that in the original number?

A. Four

B. None

C. Two

D. Three

Q38 General Intelligence & Reasoning

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

Some cloth are handkerchief.

All towel are handkerchief.

Conclusion:

(I): Some cloth are towel.

(II): All handkerchief are towel.

A. Only conclusion (I) follows.

B. Neither conclusion (I) nor (II) follows.

C. Both conclusions (I) and (II) follow.

D. Only conclusion (II) follows.

Q39 General Intelligence & Reasoning

Seven boxes A, B, C, D, K, L and O are kept one over the other but not necessarily in the same order. No box is kept above B. Only three boxes are kept between B and C. Only one box is kept between D and L. L is kept immediately above C. Only four boxes are kept between D and K. A is kept at some place above O.

Which box is kept second below A?

A. D

B. C

C. O

D. B

Q40 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series?

1 2 4 7 11 ?

A. 17

B. 15

C. 16

D. 18

Q41 General Intelligence & Reasoning

L, M, N, O, Q, R and S are sitting around a circular table, facing the centre of the table. M sits fourth to the left of O. N is an immediate neighbour of O and R. S sits to the immediate left of R. Q is not an immediate neighbour of M. Who sits third to the right of L?

A. S

B. O

C. M

D. R

Q42 General Intelligence & Reasoning

If 1 is subtracted from each odd digit of the number 95423671, then what will be the sum of the digits that are repeated more than once in the new number formed?

A. 10

B. 6

C. 8

D. 12

Q43 General Intelligence & Reasoning

In the following triads, each group of letters is related to the subsequent one following a certain logic. Select from the given options, the one which follows the same logic.

LOCK – OLCK – LCKO

ACNE – CANE – ANEC

A. HUNT – HNUT – TNUH

B. BEAM – EBAM – BAME

C. FROG – RFOG – ROGF

D. OILS – IOLS – SILO



Q44 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. TVP

B. LNH

C. KNZ



D. OQK

Q45 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. JE-HL

B. OJ-MQ

C. LG-JN

D. GB-EJ

**Q46 General Intelligence & Reasoning**

Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

LXU -2 OTT 4 RPS -8 ? XHQ -32

A. PHR 13

B. VXL 19

C. ULR 16



D. FHT 15

Q47 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. IEA



B. XTQ

C. RNK

D. FBY

Q48 General Intelligence & Reasoning

Farooq ranked 28th from the top and 35th from the bottom in his class. How many students are there in his class?

A. 60

B. 62



C. 63

D. 61

Q49 General Intelligence & Reasoning

Qadir starts from Point A and drives 1 km towards East. He then takes a left turn, drives 3 km, turns left and drives 8 km. He then takes a left turn and drives 7 km. He takes a final left turn, drives 7 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90° turns only unless specified.)

A. 5 km to the North

B. 4 km to the North



C. 7 km to the West

D. 6 km to the West

Q50 General Intelligence & Reasoning

Read the given statements and conclusions carefully. You have to take the given statements to be true even if they seem to be at variance from commonly known facts. You have to decide which conclusion(s) logically follow/s from the given statements.

Statements:

Some wigs are roses.

All roses are bugs.

Conclusions (I): Some wigs are bugs.

Conclusions (II): All bugs are roses.

A. Both conclusions (I) and (II) follow.

B. Only conclusion (I) follows.



C. Neither conclusion (I) nor (II) follows.

D. Only conclusion (II) follows.

Q51 General Intelligence & Reasoning

In a certain code language, 'WAVE' is coded as '3257' and 'VOLT' is coded as '1346'. What is the code for 'V' in the given code language?

A. 7

B. 5

C. 3



D. 1



Q52 General Intelligence & Reasoning

In a certain code language,
 $A + B$ means 'A is the husband of B',
 $A - B$ means 'A is the mother of B',
 $A \times B$ means 'A is the daughter of B' and
 $A \div B$ means 'A is the brother of B'.

How is G related to P if ' $G \div I \times L + N - P$ '?

- A. Mother's father
- B. Brother
- C. Mother's brother
- D. Father's brother

Q53 General Intelligence & Reasoning

Seven people A, B, C, D, E, F and G are sitting in a row, facing north.
 No one sits to the left of G. Only four people sit between G and A. Only three people sit to the right of E. D sits to the immediate left of F. B is not an immediate neighbour of E.
 How many people sit to the right of C?

- A. 3
- B. 4
- C. 1
- D. 2

Q54 General Intelligence & Reasoning

Each of the digits in the number 3875269 is arranged in the ascending order from left to right. The position(s) of how many digits will remain unchanged as compared to that in the original number?

- A. None
- B. Two
- C. Three
- D. One

Q55 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series based on the English alphabetical order?

QVO SRN ? WJL YFK

- A. UNM
- B. MKL
- C. VML
- D. NHG

Q56 General Intelligence & Reasoning

126 people are standing in a row facing north. Mr. Into is 11th from the right end while Mr. Toni is 12th from the left end. How many people are there between Mr. Into and Mr. Toni?

- A. 101
- B. 103
- C. 102
- D. 104

Q57 General Intelligence & Reasoning

In the following triad, each group of letters is related to the subsequent one following a certain logic. Select from the given options, the one which follows the same logic.

WISE - EWSI - WEIS
 PLUS - SPUL - PSLU

- A. PAWN - NPWA - PANW
- B. BORN - NBRO - BNOR
- C. PAGE - EPAG - AGEP
- D. DOSE - ODSE - EOSD

Q58 General Intelligence & Reasoning

In a certain code language, 'VAST' is coded as '7892' and 'SAVE' is coded as '8629'. What is the code for 'E' in the given code language?

- A. 8
- B. 2
- C. 9
- D. 6

Q59 General Intelligence & Reasoning

UP 16 is related to TK 4 in a certain way. In the same way, YT 23 is related to XO 11. To which of the following is KG 13 related, following the same logic?

- A. JB 1
- B. JA 3
- C. IA 1
- D. IB 3



Q60 General Intelligence & Reasoning

Ram starts his journey from Point A. He then drives 4 km towards the west, turns left and drives 7 km. He then turns right and drives 5 km, again turns left and drives for 3 km. After that he turns left and drives for 12 km. He takes a final left turn, drives for 10 km and stops. How far (shortest distance) and in which direction should he drive in order to reach Point A again? (All turns are 90-degree turns only unless specified.)

- A. 3 km towards the north
- B. 8 km towards the south
- C. 5 km towards the east
- D. 3 km towards the west

**General Awareness**

40 Questions • Answer Key

Q61 General Awareness

What is the function of the Alt + F4 shortcut?

- A. Saves the document
- B. Refreshes the browser
- C. Closes the current window or application
- D. Opens a new window

**Q62 General Awareness**

The Faraizi Movement was a religious reform movement of the 19th century in _____.

- A. Rajasthan
- B. Maharashtra
- C. Bengal
- D. Gujarat

**Q63 General Awareness**

Gandhiji gave a call for a satyagraha against the Rowlatt Act in which of the following years?

- A. 1930
- B. 1915
- C. 1922
- D. 1919

**Q64 General Awareness**

Which eminent Kathak dancer from Gujarat was awarded the Padma Vibhushan in 2025 for her outstanding contributions to Indian classical dance?

- A. Kumudini Lakhia
- B. Mallika Sarabhai
- C. Sonal Mansingh
- D. Rukmini Devi

**Q65 General Awareness**

According to the 2025 report by McKinsey & Company and BoF, by what percentage is India's ultra-high-net-worth individual (UHNWI) population expected to grow by 2028?

- A. 60%
- B. 50%
- C. 30%
- D. 40%

**Q66 General Awareness**

Which Article was inserted into the Constitution by the 103rd Amendment Act to provide for EWS reservation?

- A. Article 21C and 22A
- B. Article 14A and 16A
- C. Article 15(6) and 16(6)
- D. Article 18A and 19A



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Q67 General Awareness

The Ministry of Environment, Forest and Climate Change (MoEFCC), in collaboration with which of the following universities, organised the symposium 'India 2047: Building a Climate-Resilient Future' at Bharat Mandapam, New Delhi, in March 2025?

- A. University of Toronto
- B. University College London
- C. Massachusetts Institute of Technology
- D. Harvard University ✓

Q68 General Awareness

The Centre of Excellence on 'Classical and Quantum Communications for 6G' inaugurated at IIT-Madras in July 2024, functions under which umbrella programme?

- A. Telecom Centres of Excellence (TCoE)-India ✓
- B. SAMARQAND
- C. IN-SPACe
- D. MeitY FutureNET

Q69 General Awareness

Which of the following subjects falls under the Concurrent List?

- A. Defence
- B. Banking
- C. Criminal law ✓
- D. Police

Q70 General Awareness

Who among the following is a famous Indian classical dancer known for popularising Bharatanatyam globally?

- A. Sonal Mansingh
- B. Rukmini Devi Arundale ✓
- C. Hema Malini
- D. Mallika Sarabhai

Q71 General Awareness

Which of the following elements has the largest atomic radius?

- A. Li
- B. K
- C. Rb ✓
- D. Na

Q72 General Awareness

Which of the following Directive Principles of State Policy is provided under Article 40 of the Indian Constitution?

- A. Provision for a uniform civil code
- B. Organisation of village panchayats ✓
- C. Promotion of cottage industries in rural areas
- D. Organisation of agriculture and animal husbandry

Q73 General Awareness

Who among the following Mughal rulers is considered to be the last powerful Mughal ruler?

- A. Shah Jahan
- B. Bahadur Shah Zafar
- C. Dara Shukoh
- D. Aurangzeb ✓

Q74 General Awareness

Which of the following statements is correct about Article 323B of the Constitution?

- A. It empowers states to establish tribunals for local governance.
- B. It restricts tribunals to environmental cases only.
- C. It allows the creation of tribunals only for the armed forces.
- D. It permits tribunals for matters like taxation, land reforms, and labour disputes. ✓

Q75 General Awareness

On which river is the Bhakra Nangal Dam constructed?

- A. Ravi
- B. Ganga
- C. Satluj ✓
- D. Yamuna

Q76 General Awareness

Which of the following influential poets was renowned for employing ultabasi (also written as ulatbansi), a distinctive poetic style characterised by paradoxes and enigmas?

- A. Bal Krishna Sharma Naveen
- B. Agyeya
- C. Kabir ✓
- D. Ramdhari Singh Dinkar



Q77 General Awareness

Which Indian ministry has put in the public domain the Draft National Code Against Age Fraud in Sports (NCAAFS) 2025 for inviting comments and suggestions from the general public and stakeholders, as part of the consultation process in March 2025?

- A. Ministry of Social Justice and Empowerment
- B. Ministry of Health and Family Welfare
- C. Ministry of Law and Justice
- D. Ministry of Youth Affairs and Sports** ✓

Q78 General Awareness

Which river rises in the Gangotri glacier near Gaumukh (3,900 m) in the Uttarkashi district?

- A. Chenab river
- B. Yamuna river
- C. Son river
- D. Bhagirathi river** ✓

Q79 General Awareness

Vembanad Lake, India's longest lake facing severe degradation, is located in which state?

- A. Assam, home to the Brahmaputra river basin
- B. Kerala, known for its backwaters and lagoons** ✓
- C. Odisha, famous for Chilika Lake ecosystem
- D. West Bengal, near the Sundarban mangrove forests

Q80 General Awareness

Which of the following Articles deals with the Right against Exploitation?

- A. Articles 29–30
- B. Articles 31–32
- C. Articles 23–24** ✓
- D. Articles 25–28

Q81 General Awareness

Which foreign trade relation was badly affected when Byzantium learned silk production in the 6th century CE?

- A. Indo-Persian trade
- B. Indo-Byzantine trade** ✓
- C. Indo-Arab trade
- D. Indo-Roman trade

Q82 General Awareness

Which key is used to rename a file or folder in Windows?

- A. CTRL + N
- B. F2** ✓
- C. ESC + N
- D. F5

Q83 General Awareness

Which Article of the Indian Constitution mentions the Council of Ministers to aid and advise the President?

- A. Article 76
- B. Article 85
- C. Article 74** ✓
- D. Article 80

Q84 General Awareness

In 2025, which State/UT's police launched the 'Shishtachar' squad to keep a check on sexual harassment of women in public places?

- A. Puducherry
- B. Maharashtra
- C. Haryana
- D. Delhi** ✓

Q85 General Awareness

Which country retained the top spot for the second consecutive year in the Henley Passport Index released in January 2025?

- A. Japan
- B. South Korea
- C. Germany
- D. Singapore** ✓

Q86 General Awareness

In which year was the Second Pay Commission appointed in India?

- A. 1962
- B. 1950
- C. 1965
- D. 1957** ✓



Q87 General Awareness

Which of the following is a reason for the uneven distribution of rainfall in India during the southwest monsoon?

- A. Monsoon winds blow equally everywhere.
- B. Southern states alone receive all rainfall.
- C. Mountain ranges influence wind direction and intensity. ✓
- D. The Himalayas stop all monsoon rainfall.

Q88 General Awareness

Which of the following elements belongs to the s-block of the periodic table?

- A. Chlorine
- B. Iron
- C. Calcium ✓
- D. Uranium

Q89 General Awareness

What was a major challenge faced by the Indian manufacturing sector after liberalisation?

- A. Shortage of raw materials
- B. High industrial licensing fees
- C. Decline in capital inflow
- D. Increased competition from cheaper imports ✓

Q90 General Awareness

Climatic maps are primarily based on data related to:

- A. soil moisture content only
- B. industrial zones
- C. temperature and rainfall ✓
- D. population growth

Q91 General Awareness

In 2025, the United Nations called for peace talks between which two countries after missile exchanges intensified their long-standing conflict?

- A. India and Sri Lanka
- B. Israel and Iran ✓
- C. North Korea and South Korea
- D. Russia and Ukraine

Q92 General Awareness

Who won Best Supporting Actress for her role in Baby Reindeer at the BAFTA TV Awards held at London's Royal Festival Hall in May 2025?

- A. Olivia Colman
- B. Jessica Gunning ✓
- C. Lesley Manville
- D. Helena Bonham Carter

Q93 General Awareness

In which of the following years was the National Telecom Policy (NTP), that envisaged the objective of one public call office (PCO) for every 500 persons in the urban areas, formulated?

- A. 1992
- B. 1994 ✓
- C. 1999
- D. 1997

Q94 General Awareness

In which year was India's first operational six-lane expressway, the approximately 95 km long Mumbai-Pune Expressway, inaugurated?

- A. 1998
- B. 2000
- C. 2002 ✓
- D. 2004

Q95 General Awareness

What is one key benefit of India's Digital Public Infrastructure (DPI) model shared at the BRICS meeting in 2025?

- A. Promoting space exploration
- B. Reducing financial exclusion ✓
- C. Increasing tax rates
- D. Exporting digital gadgets

Q96 General Awareness

Which of the following is an example of plasticity in plants?

- A. Phototropism
- B. Heterophylly ✓
- C. Vernalisation
- D. Photoperiodism



Q97 General Awareness

In 2025, which organisation has developed a new nanoporous multilayered polymeric membrane for high-pressure seawater desalination?

- A. Bharat Heavy Electricals Limited
- B. Defence Research & Development Organisation ✓
- C. Council of Scientific and Industrial Research
- D. Indian Institute of Science

Q98 General Awareness

Which of the following is a classification of economic activities undertaken by the Central Statistical Organisation (CSO) in India?

- A. Industrial Classification Structure-2005
- B. National Code for Agriculture and Industrial Classification-2009
- C. Classification Code of India-2000
- D. National Industrial Classification-1998 ✓

Q99 General Awareness

Unemployment reflects the inability of the economy to provide jobs to those willing to work. Which organisation conducts the Periodic Labour Force Survey (PLFS) in India?

- A. NITI Aayog
- B. Ministry of Labour and Employment
- C. NSO (National Statistical Office) ✓
- D. RBI (Reserve Bank of India)

Q100 General Awareness

Buddha Purnima was celebrated on which date in 2025?

- A. 12 May ✓
- B. 23 March
- C. 19 February
- D. 10 April



Mathematics

30 Questions • Answer Key

Q1 Mathematics

The product of two positive numbers is 3645. If the first number is five times the second number, then the sum of the two numbers is:

A. 172

B. 162



C. 173

D. 164

Q2 Mathematics

Volumes of three cubes made of solid metal are 789 cm^3 , 865 cm^3 and 1721 cm^3 , respectively. After melting all the three, a solid cube was made of them. Find the length of the edge of the new cube.

A. 12 cm

B. 25 cm

C. 14 cm

D. 15 cm



Q3 Mathematics

The average of first 147 odd natural numbers, is:

A. 147



B. 147.5

C. 146.5

D. 148

Q4 Mathematics

A shopkeeper offers the following discount scheme to his customers for the purchase of articles in his shop.

'Buy 20 and get 5 free'

Find the discount percentage offered.

A. 25%

B. 32%

C. 30%

D. 20%



Q5 Mathematics

Find the simple interest (in ₹) if a sum of ₹400 is borrowed for 4.5 years at 16% per annum rate of interest.

A. 268

B. 338

C. 288



D. 388

Q6 Mathematics

A man driving a car at a speed of 48 km/hr crosses a bridge in 3.8 minutes. Find the length of the bridge.

A. 3.04 km



B. 2.46 km

C. 2.54 km

D. 2.36 km

Q7 Mathematics

A sum of money triples itself at a certain rate of compound interest in 17 years. In how many years will it amount to 81 times of itself?

A. 59 years

B. 58 years

C. 64 years

D. 68 years



Q8 Mathematics

The income of Raman is ₹80,200. He saves 7.5% of his income. If his income increases by 34% and expenditure increases by 40%, then his savings will:

A. increase by ₹2,403

B. decrease by ₹2,406



C. increase by ₹2,404

D. decrease by ₹2,404



Q9 Mathematics

The sum of two numbers is 44 and their L.C.M. is 459. What are the two numbers?

A. 27, 17



B. 20, 24

C. 25, 19

D. 32, 12

Q10 Mathematics

The average weight (in kg) of a family of five members whose weights are 40 kg, 49 kg, 56 kg, 74 kg and 38 kg is:

A. 51.4



B. 53.4

C. 50.4

D. 52.4

Q11 Mathematics

The number 481355 is divisible by which of the following?

A. 6

B. 3

C. 15

D. 5

**Q12 Mathematics**

A tradesman marks his goods at such a price that after allowing a discount of 30%, he still makes a profit of 10%. What is the marked price of an article (in ₹) whose cost price is ₹1,540?

A. 2,204

B. 2,240

C. 2,440

D. 2,420

**Q13 Mathematics**

Given that $81^{0.65} = x$, $81^{0.26} = y$ and $x^z = y^7$, then the value of z is close to:

A. 2.8



B. 4.27

C. 4.09

D. 1.32

Q14 Mathematics

Find the number of sides of a regular polygon, each of whose interior angles measures 162° .

A. 16

B. 18

C. 20



D. 22

Q15 Mathematics

Ishaan has to reach Kolkata which is 843 km away in 11 hours. His starting speed for 4 hours was 34 km/hr. For the next 180 km his speed was 30 km/hr. By what speed he must travel now so as to reach Kolkata in the decided time of 11 hours?

A. 528 km/hr

B. 523 km/hr

C. 527 km/hr



D. 530 km/hr

Q16 Mathematics

₹35,600 were divided among A, B and C, such that 8 times of A = 3 times of B = 6 times of C. Find the share of A.

A. ₹7,120



B. ₹7,294

C. ₹6,968

D. ₹7,194

Q17 Mathematics

If 4 times a son's age is added to his father's age, the sum is 100 years. If 2.5 times the father's age is added to the son's age, the sum is 97 years. What is the father's age (in years)?

A. 32



B. 30

C. 36

D. 31

Q18 Mathematics

4 men can complete a piece of work in 12 days, while 8 women can do it in 15 days. In how many days can 3 women and 2 men complete this work?

A. 19 days

B. 11 days

C. 14 days

D. 15 days



Q19 Mathematics

The LCM of the numbers 2.8 and 0.217 is:

- A. 8.68
- B. 868
- C. 86.8
- D. 0.868

Q20 Mathematics

I bought two shirts for ₹1,200. I sold the first one at a loss of 8% and the second at a gain of 24%. If, on the whole I made neither a loss nor a gain, find the cost price (in ₹) of the first shirt.

- A. 920
- B. 924
- C. 900
- D. 884

Q21 Mathematics

Nikhil, Nidhi and Tejas invested ₹1,200, ₹1,070 and ₹1,310, respectively to start a business. If the profit at the end of the year is ₹1,790, what is Tejas's share of the profit?

- A. ₹655
- B. ₹658
- C. ₹657
- D. ₹654

Q22 Mathematics

Find the mean proportional of 324 and 16.

- A. 72
- B. 74
- C. 75
- D. 69

Q23 Mathematics

A can do a work in 9 days and B can do the same work in 19 days. If they work on it together for 6 days, then what fraction of the work is left?

- A. $\frac{1}{57}$
- B. $\frac{4}{57}$
- C. $\frac{7}{57}$
- D. $\frac{10}{57}$

Q24 Mathematics

Find the value of x satisfying: $5(5x^2 - 5) - 5(5x^2 + 7x - 2) = 14$

- A. $-\frac{39}{35}$
- B. $-\frac{24}{35}$
- C. $-\frac{29}{35}$
- D. $-\frac{38}{35}$



Q25 Mathematics

The value of $8^2 + \sqrt{3^2} - 2\sqrt{36} - 11$ is

A. 44



B. 38

C. 50

D. 51

Q26 Mathematics

Find the volume of a sphere with diameter 12 cm.

A. $576\pi \text{ cm}^3$

B. $288\pi \text{ cm}^3$



C. $256\pi \text{ cm}^3$

D. $905\pi \text{ cm}^3$

Q27 Mathematics

If $X = \frac{(1 + \cos\theta)(2 - 2\cos\theta)}{(2 + 2\sin\theta)(1 - \sin\theta)}$, then the value of $X + \frac{1}{X} + 2$ is:

A. $\sec^2\theta \sin^2\theta$

B. $\cos^2\theta + \sec^2\theta$

C. $\cot^2\theta$

D. $\operatorname{cosec}^2\theta \sec^2\theta$



Q28 Mathematics

The value of $\frac{5}{3} + \left(\frac{1}{1 + \frac{2}{7}} \right) - \frac{2}{3}$ is

A. $\frac{26}{17}$

B. $\frac{12}{7}$

C. $\frac{8}{13}$

D. $\frac{16}{9}$



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Q29 Mathematics

The selling price of 20 books is equal to the cost price of 36 books. Find the loss or gain percentage.

A. $\frac{100}{16}\%$ gain

B. 80% loss

C. 80% gain

D. $\frac{100}{16}\%$ loss

Q30 Mathematics

By how much is 65% of 65 greater than $\frac{1}{5}$ of 55?

A. 25.25

B. 28.25

C. 31.25

D. 29.25

General Intelligence & Reasoning

30 Questions • Answer Key

Q31 General Intelligence & Reasoning

Read the given statement(s) and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statement(s).

Statements:

All Tractors are Buses.

No Buses are Trucks.

Conclusions:

I. No Trucks are Tractors.

II. Some Trucks are Tractors.

A. Neither conclusion (I) nor (II) follows.

B. Only conclusion (I) follows.

C. Only conclusion (II) follows.

D. Both conclusions (I) and (II) follow.

Q32 General Intelligence & Reasoning

Raj ranked 44th from the top and 15th from the bottom in his class. How many students are there in his class?

A. 58

B. 56

C. 59

D. 57

Q33 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. TW-VY

B. RU-TW

C. AD-CF

D. EH-GK

Q34 General Intelligence & Reasoning

If + means -, - means ×, × means ÷ and ÷ means +, then what will come in place of the question mark (?) in the following equation?

$$7 - 4 + 15 \div 52 \times 13 = ?$$

A. 17

B. 23

C. 28

D. 12



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Q35 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. LO-HJ

B. FI-BC

C. PS-LN

D. IL-EG

Q36 General Intelligence & Reasoning

H, I, J, K, U, V and W are sitting around a circular table facing the centre of the table.

Only I sits between V and H. H sits third to the left of K. W sits to the immediate left of K. J is not an immediate neighbour of H.

Who sits fourth to the left of U?

A. V

B. W

C. H

D. J

Q37 General Intelligence & Reasoning

Seven boxes A, B, C, D, E, F and G are kept one over the other but not necessarily in the same order. No box is kept above G. Only three boxes are kept between G and B. Only one box is kept between F and D. D is kept immediately above B. Only four boxes are kept between F and E. A is kept at some place above C. How many boxes are kept above B?

A. 3

B. 2

C. 1

D. 4

Q38 General Intelligence & Reasoning

In the following triads, each group of letters is related to the subsequent one following a certain logic. Select from the given options, the one which follows the same logic.

HAIR - AHIR - RIAH

MEAN - EMAN - NAEM

A. WANT - AWNT - TANW

B. DUST - UDST - TSUD

C. BOND - BNOD - DNOB

D. LOCK - OLCK - OCKL

Q39 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series based on the English alphabetical order?

TAW VCY XEA ZGC ?

A. BIQ

B. BIE

C. BIX

D. BIP

Q40 General Intelligence & Reasoning

What will come in place of the question mark (?) in the following equation if '-' and '÷' are interchanged and 'x' and '+' are interchanged?

$19 + 40 - 8 \times 2 \div 1 = ?$

A. 97

B. 98

C. 96

D. 99

Q41 General Intelligence & Reasoning

In a certain code language, 'EARS' is coded as '1357' and 'SOUP' is coded as '2146'. What is the code for 'S' in that language?

A. 2

B. 6

C. 1

D. 7

Q42 General Intelligence & Reasoning

Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

PKE 17 RIH 10 TGK 1 ? XCQ -23

A. VEN -10

B. EFM -8

C. VEM -10

D. VFN -8



Q43 General Intelligence & Reasoning

NWLF is related to RZHC in a certain way based on the English alphabetical order. In the same way, VCDZ is related to ZFZW. To which of the following is DIVT related, following the same logic?

A. IMRP

B. GKSP

C. HMSP

D. HLRQ

**Q44 General Intelligence & Reasoning**

L, M, N, O, Q, R, and S are sitting around a circular table facing the centre of the table. S sits fourth to the left of O. R sits fourth to the right of M. Only two people sit between O and M when counted from the left of O. L is not an immediate neighbour of R or O. N is not an immediate neighbour of L.

Who sits third to the right of Q?

A. S

B. N



C. O

D. L

Q45 General Intelligence & Reasoning

Each of the digits in the number 4512689 is arranged in ascending order from left to right. The position(s) of how many digits will remain unchanged as compared to that in the original number?

A. Two

B. None

C. Three



D. One

Q46 General Intelligence & Reasoning

Anil starts from Point A and drives 7 km towards the south. He then takes a right turn, drives 5 km, turns right and drives 2 km. He then takes a right turn and drives 9 km. He takes a final left turn, drives 5 km and stops at Point F. How far (shortest distance) and in which direction should he drive in order to reach Point A again? (All turns are 90-degree turns only unless specified.)

A. 3 km towards the east

B. 4 km towards the west



C. 4 km towards the east

D. 3 km towards the west

Q47 General Intelligence & Reasoning

In the following number-pairs, the second number is obtained by applying certain mathematical operation(s) to the first number. Select the number-pair in which the numbers are related in the same way as are the numbers of the following pairs.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding to/subtracting from/multiplying with 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

61, 127

52, 109

A. 63, 112

B. 47, 325

C. 93, 196

D. 83, 171

**Q48 General Intelligence & Reasoning**

This question is based on the five, three-digit numbers given below.

(Left) 625 247 156 289 362 (Right)

(Example: 697 – First digit = 6, second digit = 9 and third digit = 7)

(NOTE: All operations to be done from left to right.)

What will be the resultant if the third digit of the highest number is added to the second digit of the lowest number?

A. 12

B. 7

C. 10



D. 8



Q49 General Intelligence & Reasoning

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.

Statements:

Some pants are sweaters.
Some sweaters are coats.

Conclusions:

- (I) Some pants are coats.
(II) Some sweaters are pants.

- A. Both conclusions (I) and (II) follow.
B. Neither conclusion (I) nor (II) follows.
C. Only conclusion (I) follows.
D. Only conclusion (II) follows. ✓

Q50 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

- A. OR-TM
B. RU-WP
C. LO-QI ✓
D. UX-ZS

Q51 General Intelligence & Reasoning

GWSK is related to CTOH in a certain way based on the English alphabetical order. In the same way, YQKE is related to UNGB. To which of the given options is QKCY related, following the same logic?

- A. LGYW
B. OHZV
C. MHYV ✓
D. NGXU

Q52 General Intelligence & Reasoning

In a certain code language, 'DRAG' is coded as '5824' and 'GRAM' is coded as '4592'. What is the code for 'M' in the given code language?

- A. 2
B. 5
C. 4
D. 9 ✓

Q53 General Intelligence & Reasoning

Seven boxes U, V, W, X, E, F and G are kept one over the other but not necessarily in the same order. Only three boxes are kept above V. Only one box is kept between F and V. Only three boxes are kept between F and U. U is kept at some place above V. E is kept immediately below U. G is kept at one of the places above X. W is not kept immediately above or below F. Which box is kept at the lowermost position?

- A. F
B. U
C. X ✓
D. W

Q54 General Intelligence & Reasoning

Shreyas starts from Point A and drives 9 km towards the north. He then takes a left turn and drives 6 km, then turns left and drives 13 km. He then takes a left turn and drives 12 km. He takes a final left turn, drives 4 km and stops at Point P. How far (shortest distance) and in which direction should he drive in order to reach Point A again? (All turns are 90-degree turns only unless specified.)

- A. 6 km to the east
B. 6 km to the west ✓
C. 5 km to the east
D. 5 km to the west

Q55 General Intelligence & Reasoning

Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) % € 9 2 5 * \$ € © @ % % 1 7 \$ * @ 6 7 3 & * (Right)

How many such symbols are there, each of which is immediately preceded by a number and also immediately followed by a symbol?

- A. 2
B. 5
C. 3 ✓
D. 4



Q56 General Intelligence & Reasoning

Which of the given numbers will replace the question mark (?) in the following series to make it logically complete?

235 246 268 301 345 ?

A. 401

B. 410

C. 400



D. 445

Q57 General Intelligence & Reasoning

What will come in the place of the question mark (?) in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged?

$56 \times 8 - 13 \div 3 + 11 = ?$

A. 35



B. 33

C. 32

D. 34

Q58 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series?

121 117.9 114.8 111.7 108.6 ?

A. 106

B. 108.2

C. 107.6

D. 105.5

**Q59 General Intelligence & Reasoning**

What should come in place of the question mark (?) in the given series?

1 2 4 8 10 20 22 ?

A. 44



B. 24

C. 26

D. 42

Q60 General Intelligence & Reasoning

In a certain code language,

A \$ B means 'A is the mother of B',

A + B means 'A is the brother of B',

A @ B means 'A is the wife of B',

and A ÷ B means 'A is the father of B'.

How is E related to N if 'E @ F ÷ G \$ M + N'?

A. Mother's mother



B. Mother's father

C. Mother's sister

D. Mother's brother

General Awareness

40 Questions • Answer Key

Q61 General Awareness

The Department of Financial Services (DFS) notified amalgamation of 26 Regional Rural Banks (RRBs) on the principles of 'One State One RRB' in which phase of amalgamation of RRBs in 2025?

A. Fifth

B. Fourth



C. Third

D. Second

Q62 General Awareness

As of 2024, who among the following holds the national record in women's weightlifting (49 kg category) in India?

A. Saikhom Mirabai Chanu



B. Sanjita Chanu

C. Punam Yadav

D. Karnam Malleswari



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Q63 General Awareness

What is the most direct impact of poor infrastructure on rural education?

A. High student absenteeism



B. Low awareness about schemes

C. Lack of trained teachers

D. Poor mid-day meals

Q64 General Awareness

Urban transport infrastructure generally refers to the systems that facilitate the movement of people and goods within a city. Which of the following is NOT a part of urban transport infrastructure?

A. Flyovers and expressways

B. Public bus systems

C. Water irrigation pipelines



D. Metro rail networks

Q65 General Awareness

Where was the 2025 Asia-Pacific Economic Cooperation (APEC) Sports Policy Network Roundtable Meeting & Forum held?

A. Japan



B. South Korea

C. China

D. Australia

Q66 General Awareness

Which schedule of the Citizenship Act, 1955, contains the qualifications for naturalisation?

A. Tenth Schedule

B. Third Schedule



C. First Schedule

D. Second Schedule

Q67 General Awareness

Which of the following places may receive an amount of rainfall in a single day that is equal to 10 years of rainfall at Jaisalmer?

A. Asansol

B. Leh

C. Tura



D. Siliguri

Q68 General Awareness

According to the principle of collective responsibility in India's parliamentary system, a successful no-confidence motion against a single Union Minister requires which action?

A. The President dismisses only the targeted minister.

B. Only the targeted minister must resign.

C. The Lok Sabha is immediately dissolved.

D. The entire Council of Ministers must resign.

**Q69 General Awareness**

Which system of land tenure prevalent before independence led to exploitation of farmers?

A. Mahalwari system

B. Zamindari system



C. Ryotwari system

D. Cooperative farming

Q70 General Awareness

Which initiative, launched in 2025, aims to develop quantum-encrypted communication for tamper-proof defence networks in India?

A. SecureNet India

B. National Cyber Security Mission

C. Quantum Leap Program

D. National Quantum Mission

**Q71 General Awareness**

The southern stretch of the Western Coast of India, sandwiched between the Western Ghats and the Arabian Sea, is referred to as the _____.

A. Konkan

B. Kathiawar Peninsula

C. Malabar Coast



D. Kannad Plain

Q72 General Awareness

Which country signed a contract with India in April 2025 to supply 26 Rafale Marine fighter jets?

A. United Kingdom

B. United States

C. France



D. Russia



Q73 General Awareness

The Khelo India Youth Games 2025 was organised from which date to which date at different locations in Bihar?

A. 4 to 15 May 2025



B. 8 to 20 May 2025

C. 1 to 10 May 2025

D. 4 to 18 May 2025

Q74 General Awareness

Employees' Provident Fund Organisation (EPFO) India, which added more than 7.5 lac new subscribers in the month of March 2025, comes under which ministry of Government of India?

A. Ministry of Labour and Employment



B. Ministry of Finance

C. Ministry of Personnel, Public Grievances and Pensions

D. Ministry of Statistics and Programme Implementation

Q75 General Awareness

Which of the following space agencies successfully docked the SpaDeX satellite in January 2025?

A. National Aeronautics and Space Administration

B. Indian Space Research Organisation



C. China National Space Administration

D. European Space Agency

Q76 General Awareness

Which of the following was NOT a consequence of the Revolt of 1857?

A. Lands and properties of Muslims were confiscated en masse.



B. The strength of Indian soldiers in the army was reduced.

C. Policies that favoured zamindars and landlords were struck down.

D. The Governor-General of India was given the title 'Viceroy'.

Q77 General Awareness

When was 'Operation Shield' conducted across India's border states and union territories?

A. 29 May 2025

B. 31 May 2025



C. 7 May 2025

D. 3 June 2025

Q78 General Awareness

Which tax was introduced in July 2017 to replace multiple indirect taxes in India as part of fiscal reforms?

A. Income Tax

B. Excise Duty

C. Sales Tax

D. GST

**Q79 General Awareness**

Recipient of Padma Shri in 2025, Shri Onkar Singh Pahwa, is related to which cycle company of India?

A. Avon Cycles



B. Tata Stryder

C. Hero Cycles

D. Atlas Cycles

Q80 General Awareness

How does deforestation lead to desertification?

A. It reduces soil erosion.

B. It increases humus in the soil.

C. It increases rainfall in dry regions.

D. It removes the top fertile soil layer, exposing hard, rocky layers.

**Q81 General Awareness**

Which of the following options correctly lists the composition of the State Executive in India?

A. Governor, Chief Minister and Council of Ministers



B. Governor, Chief Minister and State Legislative Assembly members

C. President, Governor and Chief Minister

D. Governor, Deputy Minister and State Council of Advisors

Q82 General Awareness

What is the theoretical value of the Stefan-Boltzmann constant (σ) which defines the power emitted per unit area by a black body as a function of its thermodynamic temperature?

A. $5.17 \times 10^{-9} \text{Wm}^{-2}\text{K}^{-4}$

B. $5.67 \times 10^{-8} \text{Wm}^{-2}\text{K}^{-4}$



C. $5.91 \times 10^{-7} \text{Wm}^{-2}\text{K}^{-4}$

D. $5.35 \times 10^{-10} \text{Wm}^{-2}\text{K}^{-4}$



Q83 General Awareness

Which region in France is home to the massive white hydrogen reserve discovered in 2025, which is a game-changer for clean energy?

A. Moselle



B. Brittany

C. Normandy

D. Provence

Q84 General Awareness

Who obtained the first accurate value of the speed of light using a rotating mirror apparatus in 1862?

A. Charles Wheatstone

B. Jean Bernard Léon Foucault



C. Marie Alfred Alen Cornu

D. Albert A Michelson

Q85 General Awareness

Who was the first Finance Minister of Independent India?

A. Rafi Ahmed Kidwai

B. R K Shanmugham Chetty



C. Jairamdas Daulatram

D. John Mathai

Q86 General Awareness

Select the correct statement regarding the National Human Rights Commission (NHRC) of India.

A. It was established in 1993 by an Act of Parliament to investigate and recommend on human rights violations.



B. It is a constitutional body formed by a Constitutional Amendment, with powers equal to the Supreme Court.

C. The NHRC has direct powers to prosecute and punish public officials for human rights abuses.

D. The Chairperson of the NHRC is the Prime Minister of India.

Q87 General Awareness

Which of the following organisations was one of the co-organisers of the 14th Asian Fisheries and Aquaculture Forum (14AFAF) held from 12 to 15 February 2025 at Pusa Campus, New Delhi?

A. United Nations Environment Programme (UNEP)

B. World Health Organization (WHO)

C. Food and Agriculture Organization (FAO)

D. Asian Fisheries Society Indian Branch (AFSIB)

**Q88 General Awareness**

If an RTI applicant is aggrieved by the Public Information Officer's decision (or lack of response), within how many days must the first appeal be filed under Section 19 of the RTI Act?

A. 60 days

B. 90 days

C. 15 days

D. 30 days

**Q89 General Awareness**

Which of the following substances constitutes the primary material of the "Mother Goddess" sculpture originating from the Indus Valley Civilisation?

A. Limestone

B. Bronze

C. Steatite

D. Terracotta

**Q90 General Awareness**

Where will the 18th edition of Pravasi Bharatiya Divas (PBD) be held in 2025?

A. Chennai

B. New Delhi

C. Mumbai

D. Bhubaneswar

**Q91 General Awareness**

In a chemical reaction, the substances that are initially present before the reaction starts are called ____.

A. intermediates

B. catalysts

C. reactants



D. products

Q92 General Awareness

Which of the following steps allows you to create a new folder on the desktop in Windows?

A. Press Ctrl + Alt + Del

B. Go to Task Manager

C. Open Notepad

D. Right-click → New → Folder



Q93 General Awareness

Which statutory body organised a two-day National Conference on 'Environment – 2025' at Vigyan Bhawan, New Delhi, in March 2025?

- A. National Biodiversity Authority
- B. National Green Tribunal** ✓
- C. Central Pollution Control Board
- D. Central Ground Water Authority

Q94 General Awareness

What does the term 'halocline' refer to in oceanography?

- A. A layer with a rapid change in temperature
- B. A zone with the highest oxygen concentration
- C. A layer with a rapid change in pressure
- D. A layer with a rapid change in salinity** ✓

Q95 General Awareness

During Shahjahan's rule, how many mansabdars out of 8000 were higher ranking mansabdars who received 61.5% of the total estimated revenue of the empire as salaries for themselves and their troopers?

- A. 545
- B. 245
- C. 345
- D. 445** ✓

Q96 General Awareness

During the colonial period, the manufacturing sector accounted for only ____.

- A. 5%
- B. 1%
- C. 16%
- D. 10%** ✓

Q97 General Awareness

What does the term 'satyagraha' primarily mean in Gandhian philosophy for mass mobilisation and India's struggle for freedom during colonial rule?

- A. Non-cooperation
- B. Civil disobedience
- C. Truth-force** ✓
- D. Passive resistance

Q98 General Awareness

Which of the following best describes the role of the Control Unit within the Central Processing Unit?

- A. It performs all mathematical and logical calculations.
- B. It stores data and instructions temporarily during processing.
- C. It displays the processed output to the user.
- D. It directs and coordinates the activities of all components of the computer.** ✓

Q99 General Awareness

Which Buddhist scripture explicitly states "All dhammas are without self," affirming the doctrine of Anatta?

- A. Dhammapada** ✓
- B. Uttaradhyayana
- C. Bhagavati Sutra
- D. Kalpa Sutra

Q100 General Awareness

What is the name of ISRO's mission launched in January 2024 to study the polarisation of cosmic X-rays?

- A. RISAT-1
- B. XPoSat** ✓
- C. AstroSat
- D. Aditya-L1



Mathematics

30 Questions • Answer Key

Q1 Mathematics

Zeeshan travels 252 km at 63 km/hr, the next 150 km at 30 km/hr and the next 680 km at 68 km/hr. What is his average speed (in km/hr, rounded off to two decimal places) for the whole journey?

A. 56.95



B. 62.09

C. 54.95

D. 58.05

Q2 Mathematics

Find the value of: $[480 \div \{12 + 2 \times (4 - 9)\}]$.

A. 240



B. 242

C. 241

D. 243

Q3 Mathematics

The LCM of the numbers 15.4 and 0.006 is:

A. 462

B. 46.2



C. 0.462

D. 4.62

Q4 Mathematics

The average weight (in kg) of a family of five members whose weights are 40 kg, 49 kg, 56 kg, 76 kg and 38 kg is:

A. 52.8

B. 50.8

C. 53.8

D. 51.8



Q5 Mathematics

If the third proportional of 9 and 30 be x, then what is the value of x?

A. 100



B. 102

C. 99

D. 101

Q6 Mathematics

The product of two positive numbers is 80. If the first number is five times of the second number, then the sum of the two numbers is:

A. 27

B. 29

C. 33

D. 24



Q7 Mathematics

One side of a right-angled triangle is twice the other and the hypotenuse is 15 cm. Find the area (in cm^2) of the triangle.

A. 80

B. 60

C. 45



D. 70

Q8 Mathematics

M and N started a business. M invested ₹50,000 more than N for 3 months, while N invested for 7 months. M's share is ₹328 more than that of N, out of a total profit of ₹4,920. Find the capital contributed by M.

A. ₹1,00,000

B. ₹1,20,000

C. ₹80,000



D. ₹60,000

Q9 Mathematics

The current population of a town is 12,800. It increases by 25% and 35% in two successive years but decreases by 5% in the third year. What is the population of the town at the end of the third year?

A. 20,520



B. 20,517

C. 20,525

D. 20,515



Q10 Mathematics

An amount of ₹936 is divided among three persons in the ratio of 2 : 4 : 3. The difference between the largest and the smallest shares (in ₹) in the distribution is:

A. 208



B. 235

C. 151

D. 132

Q11 Mathematics

Find the simple interest (in ₹) if a sum of ₹400 is borrowed for 3.5 years at 16% per annum rate of interest.

A. 324

B. 224



C. 204

D. 274

Q12 Mathematics

50 glass bottles were purchased for ₹50, and 28 glass bottles broke in transit. The trader sold the remaining glass bottles at ₹5.80 each. Find his profit.

A. ₹68.50

B. ₹77.60



C. ₹76.60

D. ₹75.30

Q13 Mathematics

The average runs scored by a batsman in 23 matches is 42. In the next 10 matches, the batsman scored an average of 13 runs. Find his average runs scored (rounded off to two decimals) in all the 33 matches.

A. 32.21

B. 34.21

C. 35.21

D. 33.21

**Q14 Mathematics**

Evaluate: $(-9) - (-60) \div (-10) + (-4) \times 6$

A. -41

B. -39



C. -38

D. -42

Q15 Mathematics

What is the difference between a single discount of 48% on ₹1,450 and two successive discounts of 10% and 40% on the same amount?

A. ₹31

B. ₹29



C. ₹28

D. ₹32

Q16 Mathematics

A supplier offers a trade discount of 20% on a product priced at ₹5,000. Additionally, there is a scheme discount of 10% on the already discounted price. What is the final price of the product after both discounts?

A. ₹3,600



B. ₹3,800

C. ₹4,000

D. ₹4,500

Q17 Mathematics

The HCF and the LCM of two numbers are 11 and 330, respectively. If one of the numbers is 66, find the other one.

A. 66

B. 44

C. 55



D. 121

Q18 Mathematics

Shahid and Mira have to travel from Delhi to Kanpur in their respective cars. Shahid is driving at 42 km/hr while Mira is driving at 98 km/hr. Find the time taken by Mira to reach Kanpur if Shahid takes 14 hours.

A. 6 hours



B. 12 hours

C. 5 hours

D. 2 hours

Q19 Mathematics

3 years ago, the age of a father was 18 years more than twice his son's age. After how many years, from now, will he be twice his son's age?

A. 13

B. 17

C. 15



D. 11



Q20 Mathematics

The distance between two electric poles of length 25 metres and 36 metres is x metres. If the two angles of elevation of their respective top from the bottom of the other are complementary to each other, then the value of x (in metres) is:

A. 26

B. 28

C. 30

D. 32

Q21 Mathematics

The difference between an interior angle and exterior angle of a regular polygon is 120° . Find the number of sides of the polygon.

A. 12

B. 14

C. 15

D. 10

Q22 Mathematics

By how much is 65% of 75 greater than $\frac{3}{5}$ of 15?

A. 39.75

B. 37.75

C. 33.75

D. 36.75

Q23 Mathematics

A trader claims to sell flour at a profit of 58%, but also dishonestly uses a weight which is 8% less than what is mentioned on it. Find the total percentage of profit earned by the trader. (Round off the answer to the nearest whole number.)

A. 74%

B. 76%

C. 72%

D. 71%

Q24 Mathematics

A can lay railway track between two given stations in 19 days and B can do the same job in 11 days. With the help of C, they did the job in 3 days only. Then, C alone can do the job in

A. $3\frac{32}{119}$ daysB. $8\frac{32}{119}$ daysC. $6\frac{32}{119}$ daysD. $5\frac{32}{119}$ days

Q25 Mathematics

A sum of ₹400 amounts to ₹529 in 2 years at a certain rate of interest per annum, compounded annually. The rate of interest per annum is:

A. 11%

B. 16%

C. 18%

D. 15% **Q26 Mathematics**

A hollow spherical shell is made of a metal of density 40 g/cm^3 . Its internal and external radii are 1 cm and 4 cm, respectively. What is the mass (in kg) of the shell?

(Take $\pi = \frac{22}{7}$.)

A. 10.56 

B. 11.65

C. 12.35

D. 7.56

Q27 Mathematics

Simplify: $4\left(\left(\frac{3}{4}\right)x^2 - 25x + 17\right) - 3(x^2 + 8x - 13)$

A. $124x - 107$ B. $124x + 107$ C. $-124x + 107$ D. $-124x - 107$ **Q28 Mathematics**

The value of $\frac{5}{3} + \left(\frac{1}{1 + \frac{5}{6}}\right) - \frac{5}{3}$ is

A. $\frac{5}{18}$ B. $\frac{6}{11}$ C. $\frac{7}{13}$ D. $\frac{11}{18}$ 

Q29 Mathematics

Pipe P can fill $\frac{3}{8}$ part of a tank in 21 hours and pipe Q can fill $\frac{2}{7}$ part of the same tank in 16 hours.

Both P and Q were kept open for 2 hours, then both were closed. Pipe R alone was then opened and it emptied the water in the tank in 3 hours. Pipes P, Q and R together can fill the empty tank in:

- A. 89 hours
- B. 84 hours
- C. 67 hours
- D. 94 hours

**Q30** Mathematics

The value of $\frac{4}{5} + \left(\frac{1}{1 + \frac{5}{6}} \right) - \frac{2}{5}$ is

- A. $\frac{52}{55}$
- B. $\frac{57}{49}$
- C. $\frac{43}{53}$
- D. $\frac{51}{61}$

**General Intelligence & Reasoning**

30 Questions • Answer Key

Q31 General Intelligence & Reasoning

Virat starts from Point A and drives 10 km towards South. He then takes a right turn, drives 9 km, turns left and drives 5 km. He then takes a left turn and drives 9 km. He takes a final right turn, drives 4 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90° turns only unless specified.)

- A. 19 km towards North
- B. 19 km towards South
- C. 15 km towards South
- D. 15 km towards East

**Q32** General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series based on the English alphabetical order?

JUO UFZ FQK QBV ?

- A. BGY
- B. BMG
- C. BYG
- D. BGM

**Q33** General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series?

7, 16, 30, 49, 73, ?

- A. 102
- B. 103
- C. 104
- D. 105



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Q34 General Intelligence & Reasoning

Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

JCV 13, MFY 25, PIB 49, SLE 97, VOH 193, ?

A. YRK 383

B. YOK 385

C. URK 385

D. YRK 385

**Q35 General Intelligence & Reasoning**

If 'A' stands for ' $\div$ ', 'B' stands for ' $\times$ ', 'C' stands for ' $+$ ' and 'D' stands for ' $-$ ', what will come in place of the question mark (?) in the following equation?

11 B 3 C 20 D 93 A 3 = ?

A. 15

B. 22



C. 9

D. 2

Q36 General Intelligence & Reasoning

If 'A' stands for ' $\div$ ', 'B' stands for ' $\times$ ', 'C' stands for ' $+$ ' and 'D' stands for ' $-$ ', what will come in place of the question mark (?) in the following equation?

6 B 7 D 84 A 3 C 15 = ?

A. 42

B. 29



C. 36

D. 32

Q37 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. AE-DH

B. KO-NR

C. LP-OS

D. HL-JQ

**Q38 General Intelligence & Reasoning**

Seven people, F, G, H, I, J, K and R, are sitting around a circular table facing the centre of the table. I sits third to the left of J. R sits second to the left of G. Only J sits between H and R. F is not an immediate neighbour of I. How many people sit between K and R when counted from the right of K?

A. Two



B. One

C. Four

D. Three

Q39 General Intelligence & Reasoning

Navneet starts from Point Y and drives 10 km towards west. He then takes a right turn, drives 18 km. He then turns right and drives 10 km. He takes a final right turn, drives 15 km and stops at Point Z. How far (shortest distance) and towards which direction should he drive in order to reach Point Y again? (All turns are 90-degree turns only unless specified)

A. 3 km towards south



B. 6 km towards west

C. 4 km towards east

D. 10 km towards north

Q40 General Intelligence & Reasoning

FKPX is related to IPSC in a certain way based on the English alphabetical order. In the same way, REBR is related to UJEW. To which of the following options is ATKG related, following the same logic?

A. DFRT

B. DYNL



C. DLNY

D. DYLN

Q41 General Intelligence & Reasoning

Kishori ranked 15th from the bottom and 26th from the top in her class. How many students are there in her class?

A. 39

B. 38

C. 40



D. 37



Q42 General Intelligence & Reasoning

FRUZ is related to JUYC in a certain way based on the English alphabetical order. In the same way, VDKL is related to ZGOO. To which of the given options is HMWU related, following the same logic?

A. XPLA

B. LPAX



C. LPXA

D. XAPL

Q43 General Intelligence & Reasoning

Seven boxes A, B, C, D, E, F and G are kept one over the other but not necessarily in the same order. No box is kept above F. Only three boxes are kept between F and E. Only one box is kept between G and C. C is kept immediately above E. Only four boxes are kept between G and A. B is kept at some place above D. How many boxes are kept above E?

A. Three

B. Two

C. One

D. Four

**Q44 General Intelligence & Reasoning**

In a certain code language, 'CLAM' is coded as '1587' and 'LOAM' is coded as '4875'. What is the code for 'O' in that language?

A. 4



B. 7

C. 8

D. 5

Q45 General Intelligence & Reasoning

JFCK is related to HDAI in a certain way based on the English alphabetical order. In the same way, MIFN is related to KGDL. To which of the given options is PLIQ related, following the same logic?

A. NJOG

B. NJGO



C. JNOG

D. JNGO

Q46 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series?

510 511 519 546 610 ?

A. 695

B. 715

C. 755

D. 735

**Q47 General Intelligence & Reasoning**

This question is based on the five, three-digit numbers given below.

(Left) 984 673 543 126 341 (Right)

(Example- 697 – First digit = 6, second digit = 9 and third digit = 7)

(NOTE: All operations to be done from left to right.)

If all the numbers are arranged in descending order, the position(s) of how many numbers will remain unchanged?

A. 2

B. 3



C. 4

D. 1

Q48 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series?

26 40 55 71 ? 106

A. 104

B. 98

C. 88



D. 92



Q49 General Intelligence & Reasoning

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.

Statements:

Some files are books.
All books are keys.

Conclusions:

- (I) Some files are keys.
(II) All keys are books.

- A. Only conclusion (II) follows.
B. Both conclusions (I) and (II) follow.
C. Neither conclusion (I) nor (II) follows.
D. Only conclusion (I) follows. ✓

Q50 General Intelligence & Reasoning

In the following number-pairs, the second number is obtained by applying certain mathematical operations to the first number. Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

19, 33
17, 29

- A. 22, 38
B. 23, 40
C. 24, 43 ✓
D. 26, 43

Q51 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

- A. DGK
B. ORW ✓
C. BEI
D. HKO

Q52 General Intelligence & Reasoning

If + means –, – means ×, × means ÷ and ÷ means +, then what will come in place of the question mark (?) in the following equation?

$$12 - 2 + 49 \times 7 \div 5 = ?$$

- A. 27
B. 12
C. 17
D. 22 ✓

Q53 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

- A. CG-JB ✓
B. HL-OF
C. EI-LC
D. KO-RI

Q54 General Intelligence & Reasoning

This question is based on the five, three-digit numbers given below.

(Left) 458 294 680 183 297 (Right)

(Example- 697 – First digit = 6, second digit = 9 and third digit = 7)

(NOTE: All operations to be done from left to right.)

If all the numbers are arranged in ascending order, the position of how many numbers will remain unchanged?

- A. One ✓
B. Two
C. None
D. Four

Q55 General Intelligence & Reasoning

In a certain code language, 'MALT' is coded as '1264' and 'PALM' is coded as '4521'. What is the code for 'P' in that language?

- A. 2
B. 1
C. 5 ✓
D. 4



Q56 General Intelligence & Reasoning

Read the given statement(s) and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statement(s).

Statements:

All candles are waxes.

No candle is a tubelight.

Conclusions:

(I) Some tubelights are waxes.

(II) All waxes are tubelights.

A. Only conclusion (I) follows.

B. Both conclusions (I) and (II) follow.

C. Neither conclusion (I) nor (II) follows. ✓

D. Only conclusion (II) follows.

Q57 General Intelligence & Reasoning

A, B, C, D, E, F and G are sitting around a circular table facing the centre. F sits to the immediate right of G. B sits third to the left of G. A is the immediate neighbour of D and G. C sits second to the left of B. How many people sit between E and D when counted from the left of D?

A. Two

B. Four

C. Three

D. One ✓

Q58 General Intelligence & Reasoning

Each of the digits in the number 8237519 is arranged in ascending order from left to right. What will be the sum of the digits which are second from the left and second from the right in the new number thus formed?

A. 8

B. 9

C. 10 ✓

D. 12

Q59 General Intelligence & Reasoning

In a certain code language,

A \$ B means 'A is the mother of B',

A + B means 'A is the brother of B',

A @ B means 'A is the wife of B',

and A ÷ B means 'A is the father of B'.

How is E related to N if 'E @ F ÷ G + M \$ N'?

A. Mother's brother

B. Mother's sister

C. Mother's father

D. Mother's mother ✓

Q60 General Intelligence & Reasoning

Seven boxes U, V, W, X, E, F and G are kept one over the other but not necessarily in the same order.

Only three boxes are kept below X. Only two boxes are kept between X and W. Only E is kept above V. H is kept at some place below G and at some place above U.

Which box is kept at second position from the bottom?

A. W

B. U ✓

C. X

D. G

General Awareness

40 Questions • Answer Key

Q61 General Awareness

Who among the following laid the foundation stone of Indira Gandhi Rashtriya Uran Akademi, commonly called IGRUA, in 1985?

A. Morarji Desai

B. Jawaharlal Nehru

C. Gulzari Lal Nanda

D. Rajiv Gandhi ✓

Q62 General Awareness

Which of the following local winds is known to bring rain to Tamil Nadu during winter?

A. Nor'wester

B. Southwest monsoon

C. Jet stream

D. Northeast monsoon ✓



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Q63 General Awareness

In 2025, India assumed the chairmanship of which international body focused on productivity and sustainability during a meeting held in Jakarta?

- A. Asia-Pacific Economic Cooperation (APEC) for the 2025–26 term
- B. ASEAN Council for Economic Growth (ACEG) for a two-year term
- C. South Asian Association for Productivity (SAAP) till the 2026 term
- D. Asian Productivity Organisation (APO) for the 2025–26 term ✓

Q64 General Awareness

Who was appointed as the Director General of Defence Estates (DGDE) in June 2025?

- A. Anil Choudhary
- B. Vikram Singh Rathore
- C. Rajesh Kumar Singh
- D. Shailendra Nath Gupta ✓

Q65 General Awareness

Which of the following Ministries is responsible for granting Indian citizenship by naturalisation?

- A. Ministry of Law and Justice
- B. Ministry of Home Affairs ✓
- C. Ministry of Parliamentary Affairs
- D. Ministry of External Affairs

Q66 General Awareness

Who was the first Portuguese governor in India, sent in 1505 to establish naval supremacy?

- A. De Souza
- B. Albuquerque
- C. De Almeida ✓
- D. Nino-da-Cunha

Q67 General Awareness

Who was honoured with the Humanitarian Award at the 72nd Miss World Festival, held in May 2025, for philanthropic work during the Covid pandemic?

- A. Sonu Sood ✓
- B. Akshay Kumar
- C. Amitabh Bachchan
- D. Shah Rukh Khan

Q68 General Awareness

Following the Pahalgam attack in April 2025, India suspended which treaty with Pakistan?

- A. Simla Agreement
- B. Indus Waters Treaty ✓
- C. Lahore Treaty
- D. Tashkent Agreement

Q69 General Awareness

Which of the following is the genome-edited rice varieties launched by India in 2025?

- A. Basmati Gold
- B. Shakti Rice
- C. DRR Rice 100 ✓
- D. Super Rice 21

Q70 General Awareness

Which year was the Pradhan Mantri Jan Dhan Yojana launched?

- A. 2016
- B. 2015
- C. 2013
- D. 2014 ✓

Q71 General Awareness

What is the correct way to copy a file or folder using the Drag and Drop method?

- A. Double-click the file → Drag it back into the same folder
- B. Right-click the file → Drag it to the desktop → Press Delete
- C. Select the file → Press Ctrl + C → Drop it into the Recycle Bin
- D. Select the file in the right pane → Drag it to a folder in the left pane → Drop it there ✓



Q72 General Awareness

Which Indian university showcased India's first fully automated vegetable sapling transplanter at the Ente Keralam exhibition, held in May 2025 at Marine Drive, Kochi, as part of the Kerala government's fourth-anniversary celebrations?

A. Cochin University of Science and Technology (Cusat) ✓

B. Indian Institute of Science (IISc), Bengaluru

C. Indian Institute of Technology Madras (IIT-M)

D. Kerala Agricultural University

Q73 General Awareness

Which of the following metals is used as a catalyst in the Haber process for ammonia synthesis?

A. Iron ✓

B. Copper

C. Nickel

D. Platinum

Q74 General Awareness

Rapid industrialisation was a hallmark of India's early planning efforts. Which Five-Year Plan laid the foundation for India's public sector steel plants?

A. Second Plan ✓

B. Fifth Plan

C. Fourth Plan

D. First Plan

Q75 General Awareness

What was the official mascot of the 2025 National Games?

A. Tejaswini

B. Gajasimha

C. Mauli ✓

D. Shikhar

Q76 General Awareness

On which date did Prime Minister Shri Narendra Modi inaugurate the WAVES 2025, India's first-of-its-kind World Audio Visual and Entertainment Summit, held at Mumbai?

A. 20 April 2025

B. 1 May 2025 ✓

C. 4 May 2025

D. 1 April 2025

Q77 General Awareness

What is the name of the herbal cream developed by CSIR-CIMAP for treating psoriasis released in May 2025?

A. SkinCure

B. PsoriaCIM ✓

C. Herbaloid

D. DermaHerb

Q78 General Awareness

Which fault in the Peninsular Plateau is known for recurrent seismic activity?

A. Bhima Fault ✓

B. Malda Fault

C. Narmada Fault

D. Vindhya Fault

Q79 General Awareness

Which authority can dissolve the Council of Ministers at the state level?

A. Governor ✓

B. High Court

C. Prime Minister

D. President

Q80 General Awareness

Who assumed charge as the 18th Commander-in-Chief of the Andaman & Nicobar Command (CINCAN) on 1 June 2025?

A. Lt General Anil Chatterjee

B. Lt General Dinesh Singh Rana ✓

C. Lt General Vijay Kumar Singh

D. Lt General Rajesh Mehta

Q81 General Awareness

Which of the following government initiatives was launched in 1973 to conserve a key apex predator and its ecosystem in India?

A. Project Elephant

B. Project Rhino

C. Project Asiatic Lion

D. Project Tiger ✓



Q82 General Awareness

The energy produced by using the heat from the Earth's interior is called:

A. Geothermal energy ✓

B. Biomass energy

C. Solar energy

D. Tidal energy

Q83 General Awareness

Which of the following is the conjugate base of HCl?

A. H_3O^+

B. Cl^+

C. Cl^- ✓

D. OH^-

Q84 General Awareness

Which gas was least abundant in the early atmosphere?

A. Water vapour

B. Nitrogen

C. Free oxygen ✓

D. Carbon dioxide

Q85 General Awareness

Which of the following is NOT a role of the President of India?

A. Passing bills into laws

B. Conducting elections ✓

C. Appointing the Prime Minister

D. Summoning and dissolving the Parliament

Q86 General Awareness

What is the name of the first indigenously designed and built Anti-Submarine Warfare Shallow Water Craft (ASW-SWC) inducted into the Indian Navy in May 2025?

A. INS Arnala ✓

B. INS Tushil

C. INS Garuda

D. INS Arighaat

Q87 General Awareness

How can you permanently delete a file in MS Windows so that it DOES NOT go to the Recycle Bin?

A. Right-click on the file and select 'Delete'

B. Right-click on the file and Press Ctrl + D

C. Drag the file to the Recycle Bin

D. Right-click on the file and press 'Shift + Delete' ✓

Q88 General Awareness

Which of the following minerals is essential for oxygen transport in the blood?

A. Zinc

B. Iron ✓

C. Magnesium

D. Calcium

Q89 General Awareness

In April 2025, the Supreme Court reinterpreted which Article of the Constitution to direct amendment in KYC digital norms to ensure access for 'persons with disabilities'?

A. Article 14

B. Article 30

C. Article 21 ✓

D. Article 25

Q90 General Awareness

The 2025 edition of the Sheila Bharat Ram Theatre Festival took place at which of the following locations?

A. National School of Drama, Delhi

B. Kamani Auditorium, Delhi

C. India Habitat Centre, Delhi

D. Shri Ram Centre of Performing Arts, Delhi ✓

Q91 General Awareness

Which of the following was the biggest armed resistance to colonialism in the 19th century in India?

A. Quit India Movement

B. First Anglo-Maratha War

C. Sepoy Mutiny ✓

D. Battle of Buxar



Q92 General Awareness

When was the Gurjara Pratihara dynasty founded by Nagabhata I in the region of Malwa?

- A. 12th century
- B. 6th century
- C. 10th century
- D. 8th century

**Q93 General Awareness**

Which of the following Articles deals with the rights of citizenship at the commencement of the Indian Constitution?

- A. Article 5
- B. Article 11
- C. Article 7
- D. Article 10

**Q94 General Awareness**

Land revenue systems under British rule varied regionally. Which land revenue system was primarily followed in Bombay and Madras Presidencies?

- A. Mahalwari
- B. Ryotwari
- C. Zamindari
- D. Jagirdari

**Q95 General Awareness**

Which of the following classical theatre forms is associated with Karnataka and features dance-drama with colourful costumes?

- A. Kathakali
- B. Bhavai
- C. Yakshagana
- D. Jatra

**Q96 General Awareness**

Which reform movement in Kerala focused on the upliftment of the backward castes through education and social equality?

- A. Singh Sabha
- B. SNDP Sabha
- C. Arya Samaj
- D. Kayastha Sabha

**Q97 General Awareness**

At the 2025 International Table Tennis Federation (ITTF) World Table Tennis Championships Finals held in Doha, who emerged as the men's singles champion?

- A. Lin Gaoyuan
- B. Fan Zhendong
- C. Wang Chuqin
- D. Ma Long

**Q98 General Awareness**

Which of the following sectors was the primary focus of India's First Five-Year Plan (1951–56)?

- A. Defence and Security
- B. Industry and Infrastructure
- C. Agriculture and Irrigation
- D. Services and Education

**Q99 General Awareness**

Among which of the following powers did the 'Tripartite Struggle' take place during the 8th and 9th centuries?

- A. Cholas, Chalukyas and Satavahanas
- B. Pandyas, Pallavas and Cholas
- C. Rashtrakutas, Cholas and Vardhanas
- D. Palas, Pratiharas and Rashtrakutas

**Q100 General Awareness**

Which institute of Indian Council of Agricultural Research (ICAR) developed India's first genome-edited rice variety DRR Rice 100 (Kamla)?

- A. ICAR-Central Institute of Agricultural Engineering, Bhopal
- B. ICAR-Indian Institute of Rice Research, Hyderabad
- C. ICAR-National Rice Research Institute (NRRI), Cuttack
- D. ICAR-Indian Agricultural Research Institute, New Delhi



Mathematics

30 Questions • Answer Key

Q1 Mathematics

Sapna invested ₹22,500 on simple interest, partly at 7% per annum and partly at 5% per annum. If she earns equal interests from the two investments after 3 years, then find the sum invested at 7% per annum (in ₹).

A. 9,374

B. 9,373

C. 9,375



D. 9,376

Q2 Mathematics

The average weight of Ketan, Tushar and Salil is 46 kg. If the average weight of Ketan and Tushar is 36 kg and that of Tushar and Salil is 44 kg, then the weight of Tushar (in kg) is:

A. 42

B. 22



C. 32

D. 37

Q3 Mathematics

What smallest number should be added to 15335 so that the sum is completely divisible by 79?

A. 65

B. 71

C. 68

D. 70



Q4 Mathematics

Find the value of $24^{-10} \div 24^{16} \times 24^{-7}$.

A. 24-31

B. 24-43

C. 24-38

D. 24-33



Q5 Mathematics

Kushal and Brijesh together invested ₹75,100 in a business. At the end of the year, out of a total profit of ₹16,000, Brijesh's share was ₹4,400. What was the difference between their investments?

A. ₹33,795



B. ₹35,768

C. ₹34,043

D. ₹34,385

Q6 Mathematics

Find the mean proportional between 26 and 104.

A. 51

B. 52



C. 49

D. 53

Q7 Mathematics

Train A leaves station M at 6:30 AM and reaches station N at 3:30 PM on the same day. Train B leaves station N at 8:30 AM and reaches station M at 1:30 PM on the same day. Find the time when trains A and B meet.

A. 11:30 AM

B. 11:00 AM



C. 10:50 AM

D. 12:00 PM

Q8 Mathematics

A shopkeeper lists the price of a fan at 50% above its cost price and offers a 30% discount on its list price. If he earns a profit of ₹86, then what is the list price (in ₹) of the fan?

A. 2,386

B. 2,580



C. 2,825

D. 2,444



Q9 Mathematics

I bought two toy guns for ₹1,200. I sold the first one at a loss of 9% and the second at a gain of 16%. If, on the whole I made neither a loss nor a gain, find the cost price (in ₹) of the first toy gun.

A. 768



B. 792

C. 788

D. 752

Q10 Mathematics

A company offers a scheme discount of 'buy 5 get 3 free' offer on shirts. Find the discount percentage.

A. 30%

B. 39.3%

C. 37.5%



D. 36.3%

Q11 Mathematics

If the shape of a water pipe is a rectangle with dimensions 5 m and 3 m and if water runs out of it at the speed of 36 km/hr, then what is the volume (in m^3) of the water that passed through the pipe in 12 minutes?

A. 54000

B. 5400

C. 216000

D. 108000

**Q12 Mathematics**

The H.C.F. and the L.C.M. of two numbers are 3 and 276 respectively. If one of the numbers is 69, find the other one.

A. 12



B. 100

C. 35

D. 110

Q13 Mathematics

If the 6-digit number $N46M66$ is divisible by 11, then which of the options below can give a possible correct relation between M and N?

A. $M = N$

B. $M + N = -2$

C. $M - N = 2$



D. $M - N = 1$

Q14 Mathematics

The product of two consecutive natural numbers is 240. The greater of the two numbers is:

A. 35

B. 16



C. 23

D. 19

Q15 Mathematics

Mahita is painting the four walls of her study room, which is shaped like a cube with a side length of 18.5 feet. What is the total area she needs to paint (in square feet)?

A. 1396

B. 1358

C. 1369



D. 1385

Q16 Mathematics

A bus travelling at 99 km/hr completes a journey in 20 hours. What should its speed be to cover the same distance in 12 hours?

A. 168 km/hr

B. 165 km/hr



C. 156 km/hr

D. 159 km/hr

Q17 Mathematics

The average weight of a family of five members whose weights are 40 kg, 49 kg, 56 kg, 75 kg and 36 kg is:

A. 50.2 kg

B. 53.2 kg

C. 52.2 kg

D. 51.2 kg

**Q18 Mathematics**

8 years ago, the age of a father was 21 years more than twice his son's age. After how many years, from now, will he be twice his son's age?

A. 11

B. 13



C. 8

D. 17



Q19 Mathematics

Successive discounts of 5% and 40% are equivalent to a single discount of:

- A. 42%
- B. 43% ✓
- C. 41%
- D. 45%

Q20 Mathematics

Ravi started a business by investing ₹50,000. After six months, Raju joined him and invested an amount of ₹1,00,000. In one year since Ravi invested, they earned a profit of ₹63,000. What is Raju's share of the profit?

- A. ₹31,500 ✓
- B. ₹31,000
- C. ₹32,500
- D. ₹32,000

Q21 Mathematics

In $\triangle ABC$, $BD \perp AC$ at D and $\angle DBC = 72^\circ$. E is a point on BC such that $\angle CAE = 56^\circ$. What is the measure of $\angle AEB$?

- A. 74° ✓
- B. 65°
- C. 69°
- D. 71°

Q22 Mathematics

The income of Raman is ₹44,200. He saves 31% of his income. If his income increases by 22% and expenditure increases by 50%, then his savings will:

- A. decrease by ₹5,524
- B. increase by ₹5,530
- C. decrease by ₹5,525 ✓
- D. increase by ₹5,521

Q23 Mathematics

The LCM of the numbers 10.8 and 0.06 is:

- A. 10.8 ✓
- B. 108
- C. 1.08
- D. 0.108

Q24 Mathematics

By how much is 65% of 55 greater than $\frac{2}{5}$ of 25?

- A. 25.75 ✓
- B. 19.75
- C. 23.75
- D. 22.75

Q25 Mathematics

The simple interest on a certain sum for $7\frac{2}{3}$ years at the rate of 5.4% per annum is ₹4,347.

What will be the amount payable on the same sum at the rate of 7.5% per annum simple interest in $4\frac{4}{5}$ years?

- A. ₹14,282
- B. ₹14,272
- C. ₹14,280 ✓
- D. ₹14,273



Q26 Mathematics

Simplify the following.

$$3\left(\left(\frac{6}{3}\right)x^2 - 21x + 18\right) - 6(x^2 + 5x - 18)$$

A. $-93x + 162$



B. $-93x - 162$

C. $93x - 162$

D. $93x + 162$

Q27 Mathematics

Two pipes can fill a cistern, individually, in 40 minutes and 14 minutes, respectively. There is a pipe located at the bottom of the cistern to empty it. If all the three pipes are opened simultaneously, then the empty cistern gets filled in 20 minutes. How long will the pipe at the bottom of the tank take to empty the completely filled cistern if no other pipe is then open?

A. $20\frac{7}{13}$ minutes

B. $19\frac{7}{13}$ minutes

C. $21\frac{7}{13}$ minutes



D. $22\frac{7}{13}$ minutes

Q28 Mathematics

A can lay railway track between two given stations in 20 days and B can do the same job in 16 days. With the help of C, they did the job in 3 days only. Then, C alone can do the job in

A. $11\frac{28}{53}$ days

B. $14\frac{28}{53}$ days

C. $12\frac{28}{53}$ days

D. $4\frac{28}{53}$ days

**Q29 Mathematics**

Simplify:

$$\sqrt{289} + \sqrt{0.04} - \sqrt{5.76}$$

A. 3.07

B. 11.65

C. 1.78

D. 14.8



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Q30 Mathematics

Find the value of $\frac{(\sec^4 A - \sec^2 A)}{(\cot^2 A + \cot^4 A)} \times \frac{(\operatorname{cosec}^4 A - \operatorname{cosec}^2 A)}{(\tan^2 A + \tan^4 A)} + \cot^2 A$.

A. $\cot^2 A$

B. $\operatorname{cosec}^2 A$ ✓

C. 1

D. 0

General Intelligence & Reasoning

30 Questions • Answer Key

Q31 General Intelligence & Reasoning

If 1 is added to each even digit and 2 is subtracted from each odd digit in the number 5237648, how many digits will appear more than once in the new number thus formed?

A. Three

B. One

C. None

D. Two ✓

Q32 General Intelligence & Reasoning

If 1 is added to each odd digit and 4 is subtracted from each even digit in the number 6854376, what will be difference between the highest and lowest digits in the new number thus formed?

A. 8 ✓

B. 7

C. 6

D. 4

Q33 General Intelligence & Reasoning

Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

LOH19 MPI27 NQJ35 ORK43 ?

A. PSK51

B. PSK50

C. PSL50

D. PSL51 ✓

Q34 General Intelligence & Reasoning

Seven boxes A, B, C, D, E, F and G are kept one over the other but not necessarily in the same order. Only two boxes are kept between E and B. Only A is kept above C. No box is kept below B. G is kept at some place below F but at some place above D. How many boxes are kept below F?

A. 1

B. 2

C. 4 ✓

D. 3

Q35 General Intelligence & Reasoning

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.

Statements:

All soaps are gels.

All soaps are conditioners.

Conclusions:

(I) Some gels are conditioners.

(II) All conditioners are soaps.

A. Only conclusion (II) follows.

B. Neither conclusion (I) nor (II) follows.

C. Both conclusions (I) and (II) follow.

D. Only conclusion (I) follows. ✓



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Q36 General Intelligence & Reasoning

In a certain code language,
'A = B' means 'A is the mother of B',
'A \$ B' means 'A is the brother of B',
'A @ B' means 'A is the wife of B' and
'A * B' means 'A is the father of B'.

How is W related to R if $W \$ A @ C * D = R$?

- A. Brother
- B. Mother's mother's brother ✓
- C. Father
- D. Mother's father

Q37 General Intelligence & Reasoning

In the following number-pairs, the second number is obtained by applying certain mathematical operations to the first number. Select the pair in which the numbers are related in the same way as are the numbers of the following pairs.

(Note: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g., 13 – Operations on 13 such as adding/subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

12, 146
8, 66

- A. 7, 49
- B. 6, 34
- C. 11, 123 ✓
- D. 4, 66

Q38 General Intelligence & Reasoning

Seven boxes G, H, I, J, K, L and S are kept one over the other but not necessarily in the same order. Only three boxes are kept below S. Only two boxes are kept between S and L. Only G is kept below J. H is kept at some place below K and at some place above J. I is kept above K. How many boxes are kept between K and J?

- A. Three
- B. Two ✓
- C. Four
- D. One

Q39 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group? (Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

- A. BFJ
- B. SWA
- C. UYC
- D. ERM ✓

Q40 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster pair.)

- A. MO-OQ
- B. IK-KM
- C. FH-HJ
- D. RT-TB ✓

Q41 General Intelligence & Reasoning

A, B, C, D, Q, R and S are sitting around a circular table, facing the centre of the table. B sits third to the left of Q. R sits second to the left of S. Q is an immediate neighbour of both A and R. C is not an immediate neighbour of B. How many people sit between D and R, when counted from the right of D?

- A. Four
- B. Two ✓
- C. Three
- D. One

Q42 General Intelligence & Reasoning

Each of the digits in the number 5368794 is arranged in the ascending order from left to right. What will be the sum of the digits that are first from the left and first from the right in the new number thus formed?

- A. 12 ✓
- B. 9
- C. 10
- D. 7



Q43 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. IKE

B. KMH



C. GIC

D. MOI

Q44 General Intelligence & Reasoning

Read the given statement(s) and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statement(s).

Statements:

Some Circular Saws are Trowels.

Some Trowels are Power Saws.

Conclusions:

I: Some Circular Saws are Power Saws.

II: No Circular Saws are Power Saws.

A. Only conclusion (II) follows.

B. Both conclusions (I) and (II) follow.

C. Neither conclusion (I) nor (II) follows.



D. Only conclusion (I) follows.

Q45 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series?

31 32 34 38 46 ?

A. 63

B. 62



C. 64

D. 61

Q46 General Intelligence & Reasoning

Mr. Bravo starts from Point A and drives 1 km towards the west. He then takes a left turn, drives 2 km, turns left and drives 5 km. He then takes a left turn and drives 7 km. He takes a final left turn, drives 4 km and stops at Point P. How far (shortest distance) and in which direction should he drive in order to reach Point A again? (All turns are 90-degree turns only unless specified.)

A. 6 km to the east

B. 5 km to the south



C. 4 km to the west

D. 2 km to the north

Q47 General Intelligence & Reasoning

What will come in place of the question mark (?) in the following equation, if '+' and 'x' are interchanged and '-' and '÷' are interchanged?

$$42 \div 11 + 3 \times 18 - 2 = ?$$

A. 18



B. 36

C. 24

D. 30

Q48 General Intelligence & Reasoning

In a certain code language, 'SAID' is coded as '3517' and 'AERO' is coded as '2146'. What is the code for 'A' in the given code language?

A. 1



B. 6

C. 5

D. 2

Q49 General Intelligence & Reasoning

In a certain code language, 'MUGS' is coded as '4627' and 'UNIT' is coded as '1375'. What is the code for 'U' in the given code language?

A. 6

B. 5

C. 1

D. 7



Q50 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series?

789 799 800 810 811 821 822 ?

A. 833

B. 823

C. 831

D. 832

**Q51 General Intelligence & Reasoning**

Piyush is ranked 11th from the top and 29th from the bottom in his class. How many students are there in the class?

A. 37

B. 38

C. 39



D. 40

Q52 General Intelligence & Reasoning

Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) % 9 % 2 7 5 & \$ * 5 © 6 1 1 * € 4 # 1 7 3 @ (Right)

How many such symbols are there each of which is immediately preceded by a number and also immediately followed by a symbol?

A. 2



B. 4

C. 1

D. 3

Q53 General Intelligence & Reasoning

In the following triad, each group of letters is related to the subsequent one following a certain logic. Select from the given options, the one which follows the same logic.

BLOW - WLBO - LOBW

LEAF - FELA - EALF

A. FANG - GAFN - ANFG



B. TOUR - OTUR - ROUT

C. MOVE - EOMV - VOME

D. CLAW - CALW - WALC

Q54 General Intelligence & Reasoning

Refer to the following number and symbol series and answer the question that follows. All numbers are single-digit. Counting to be done from left to right.

(Left) & 3 Ω 9 # 1 * 2 + % 4 6 @ 8 \$ 7 £ 5 (Right)

How many such symbols are there each of which is immediately preceded by a number and also immediately followed by another number?

A. 4

B. 6



C. 5

D. 7

Q55 General Intelligence & Reasoning

DREAM is related to IWJFR in a certain way based on the English alphabetical order. In the same way, FILED is related to KNQJL. To which of the given options is BLOWN related, following the same logic?

A. GRSCS

B. GQTBS



C. HRUCT

D. FPSAR

Q56 General Intelligence & Reasoning

Kashish starts from Point A and drives 10 km towards south. She then takes a left turn, drives 6 km, turns left and drives 11 km. She then takes a left turn and drives 7 km. She takes a final left turn, drives 1 km and stops at Point P. How far (shortest distance) and towards which direction should she drive in order to reach Point A again? (All turns are 90° turns only unless specified.)

A. 2 km to east

B. 1 km to east



C. 1 km to west

D. 2 km to west

Q57 General Intelligence & Reasoning

A, B, C, D, Q, R and S are sitting around a circular table, facing the centre of the table. Only two people sit between D and A, when counted from the left of A. Q sits third to the left of S. R sits to the immediate right of S. R sits second to the left of D. B is not an immediate neighbour of Q. Who sits third to the right of C?

A. A

B. S

C. D

D. R



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Q58 General Intelligence & Reasoning

Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

IGE 16, LJH 21, OMK 26, RPN 31, ?

- A. VXY 28
- B. VYW 36
- C. USQ 36
- D. UYX 36

**Q59 General Intelligence & Reasoning**

What should come in place of the question mark (?) in the given series?

13 29 55 113 223 ?

- A. 449
- B. 494
- C. 489
- D. 498

**Q60 General Intelligence & Reasoning**

In the following triads, each group of letters is related to the subsequent one following a certain logic. Select from the given options, the one which follows the same logic.

TOES - SETO - TEOS
CLAP - PACL - CALP

- A. TUNE - UNTE - UNET
- B. MICK - KCMI - MCIK
- C. RUST - RSUT - TSUR
- D. CALF - FLCA - ALCF

**General Awareness**

40 Questions • Answer Key

Q61 General Awareness

Which major initiative was highlighted by the New Delhi government to mark its first 100 days in office, as detailed in the report titled 'Kaam Karne Wali Sarkar: 100 Din Seva Ke'?

- A. Launch of a new metro line
- B. Introduction of a universal basic income
- C. Inauguration of a new legislative building
- D. Presentation of a report card highlighting achievements

**Q62 General Awareness**

Optical fibres work on the principle of _____.

- A. reflection only
- B. refraction only
- C. total internal reflection
- D. total internal refraction

**Q63 General Awareness**

Which of the following is the primary objective of the Right to Information (RTI) Act, 2005?

- A. To promote transparency and accountability in government functioning
- B. To control corruption in the judiciary
- C. To ensure reservations for backwards classes
- D. To regulate foreign investment in India

**Q64 General Awareness**

Gitanjali, a famous collection of poems, was originally written in which of the following languages?

- A. Hindi
- B. Urdu
- C. Bengali
- D. English



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Q65 General Awareness

Which state notified the Tsarap Chu Conservation Reserve under the Wildlife (Protection) Act, 1972 to protect high-altitude biodiversity in 2025?

- A. Arunachal Pradesh to conserve high-altitude wetlands
- B. Sikkim for Himalayan red panda conservation purposes
- C. Uttarakhand to protect alpine medicinal plant species
- D. Himachal Pradesh to secure snow leopard habitats ✓

Q66 General Awareness

Which statement best describes a key feature of a Public-Private Partnership (PPP)?

- A. Government and private entities share responsibilities and risks efficiently. ✓
- B. The public partner fully finances a project, while the private partner has no risk.
- C. Only public sector entities can participate in PPPs.
- D. PPPs are only used for purely social (non-commercial) projects.

Q67 General Awareness

In 2025, which State Government launched the 'RISE' app for digital monitoring of child vaccinations, enhancing training for health workers to improve immunisation coverage?

- A. Uttarakhand
- B. Jharkhand
- C. Uttar Pradesh ✓
- D. Bihar

Q68 General Awareness

In May 2025, which Indian Chief Minister announced naming a medical college after Ahilyabai Holkar in 2025?

- A. Ashok Gehlot
- B. Bhupesh Baghel
- C. Uddhav Thackeray
- D. Yogi Adityanath ✓

Q69 General Awareness

Which of the following terms describe a change in the DNA sequence resulting in changes in the genotype and the phenotype of an organism?

- A. Dominance
- B. Segregation
- C. Transcription
- D. Mutation ✓

Q70 General Awareness

Which Windows feature helps to quickly locate a specific file in a large folder?

- A. Control Panel
- B. Search box in File Explorer ✓
- C. Right-click → Delete
- D. Task Manager

Q71 General Awareness

The Vadhavan Port is under development all-weather Greenfield deep draft major port in _____.

- A. Gujarat
- B. Kerala
- C. Maharashtra ✓
- D. Tamil Nadu

Q72 General Awareness

What is the purpose of the High Endurance Autonomous Underwater Vehicle (HEAUV) developed by DRDO's Naval Science and Technological Laboratory (NSTL)?

- A. Underwater surveillance ✓
- B. Deep-sea oil exploration
- C. Surface-to-air missile deployment
- D. Submarine crew training

Q73 General Awareness

What is the total number of inhabited islands in the Andaman and Nicobar Islands, as of May 2025?

- A. Less than 14
- B. 18
- C. 22
- D. More than 30 ✓



Q74 General Awareness

The Tendulkar Committee revised India's methodology for measuring poverty. As per the Tendulkar Committee, which criterion is considered to measure poverty?

- A. Calorie intake
- B. Income
- C. Consumption expenditure ✓
- D. Employment status

Q75 General Awareness

Where was the 8th Edition of the Indian Ocean Conference in February 2025 held?

- A. Perth, Australia
- B. Manila, Philippines
- C. Cairo, Egypt
- D. Muscat, Oman ✓

Q76 General Awareness

Vijender Gupta, who became the Speaker of the Delhi Assembly in 2025, is the MLA from which of the following constituencies?

- A. Patparganj
- B. Karol Bagh
- C. Greater Kailash
- D. Rohini ✓

Q77 General Awareness

The partition of Bengal officially came into force in the year _____.

- A. 1912
- B. 1905 ✓
- C. 1948
- D. 1919

Q78 General Awareness

What is the primary function of the Taskbar in Windows7?

- A. To show open programs and allow quick access to them ✓
- B. To display the system BIOS
- C. To install new software
- D. To shut down the computer

Q79 General Awareness

What was the ultimate promise made by Bhagirath Majhi to the Santhals if they followed his teachings?

- A. Complete independence from British rule
- B. Restoration of tribal kingdoms ✓
- C. Access to modern education and jobs
- D. Land restoration and divine protection

Q80 General Awareness

What is the main function of sclerenchyma, a plant tissue composed of dead cells with extremely thick lignified walls?

- A. To store food and other materials such as resins, mucilage and latex in the plant
- B. To provide mechanical support and strength to the plant ✓
- C. To transport water, nutrients and sugars throughout the plant
- D. To help hold the flower parts together in a plant

Q81 General Awareness

Which of the following dynasties was NOT involved in the struggle for the control of the prosperous city of Kannauj in northern India?

- A. Rashtrakuta
- B. Pallava ✓
- C. Pratihara
- D. Pala

Q82 General Awareness

Who is the author of the book 'The History and Stars of the World's Greatest Sporting Event: From Athens 1896 to Paris 2024', launched at New Delhi World Book Fair, 2025?

- A. Amit Bose
- B. Abhinav Bindra
- C. Digvijay Singh Deo
- D. Vijayan Bala ✓

Q83 General Awareness

Rohilla chief, Najib-ud-Daula, played a key role in the ____.

- A. Anglo-Maratha wars
- B. Mysore wars
- C. Decline of Bengal
- D. Third Battle of Panipat ✓



Q84 General Awareness

In which of the following years was the Aajeevika - Deendayal Antyodaya Yojna-National Rural Livelihoods Mission (DAY-NRLM) launched by the Ministry of Rural Development (MoRD), Government of India?

A. 2016

B. 2014

C. 2011



D. 2007

Q85 General Awareness

Which of the following organisations inaugurated the Quantum Technology Research Centre (QTRC) at Metcalfe House, Delhi, in May 2025?

A. Defence Research and Development Organisation (DRDO)



B. Bhabha Atomic Research Centre (BARC)

C. Indian Space Research Organisation (ISRO)

D. Indian Institute of Science (IISc)

Q86 General Awareness

Which movie received the Best Picture honour at the 97th Academy Awards in 2025?

A. Conclave

B. Dune: Part Two

C. The Brutalist

D. Anora

**Q87 General Awareness**

Which of the following is NOT a part of chemical weathering?

A. Frost Action



B. Carbonation

C. Hydration

D. Oxidation

Q88 General Awareness

Biogas plants are most commonly used in which sector in rural India?

A. Transportation

B. Industrial use

C. Iron smelting

D. Household cooking and lighting

**Q89 General Awareness**

Which of the following best reflects Judicial Activism?

A. Voluntary interference by the judiciary in public interest



B. Declaring elections null and void

C. Only enforcing existing laws strictly

D. Passive interpretation of laws

Q90 General Awareness

Colonial economic policies created a skewed distribution of income and wealth in Indian society. Which of the following is a key indicator of income inequality in colonial India?

A. High literacy rate among workers

B. Equitable distribution of irrigation

C. Unequal land ownership patterns



D. Uniform wages across sectors

Q91 General Awareness

Who among the following is the appointing authority of District Judges in India?

A. Governor of the state



B. Chief Justice of India

C. President of India

D. Prime Minister

Q92 General Awareness

Where was the headquarters of the Home Rule League founded by Bal Gangadhar Tilak located?

A. Surat

B. Patna

C. Pune



D. Ajmer

Q93 General Awareness

Which of the following organisations launched the Fiscal Health Index for India in 2025?

A. NITI Aayog



B. Finance Commission

C. Ministry of Finance

D. Reserve Bank of India



Q94 General Awareness

Which of the following is NOT a mode of acquiring Indian citizenship under the Citizenship Act, 1955?

- A. By registration
- B. By birth
- C. By adoption
- D. By descent



Q95 General Awareness

Which type of land is most suitable for agriculture in India?

- A. Rocky and arid land
- B. Mountainous land
- C. Forest land
- D. Level alluvial land



Q96 General Awareness

Which river originates from the Amarkantak Plateau in Madhya Pradesh and flows westward?

- A. Godavari
- B. Narmada
- C. Tapi
- D. Son



Q97 General Awareness

Who was honoured with the Rammohan Mission Purashkar 2025 for emphasising ISRO's role in national security?

- A. V Narayanan
- B. K Sivan
- C. S Somanath
- D. G Madhavan Nair



Q98 General Awareness

Which of the following languages was granted classical status by the Government of India in 2005, following Tamil?

- A. Malayalam
- B. Kannada
- C. Telugu
- D. Sanskrit



Q99 General Awareness

The foreign exchange crisis forced India to seek external support. Which institution provided India a loan during the 1991 crisis?

- A. WTO
- B. World Bank
- C. IMF
- D. ADB



Q100 General Awareness

Which of the following statements is correct regarding the Tenth Schedule of the Indian Constitution?

- A. It contains provisions regarding Official Languages.
- B. It deals with the allocation of seats in the Rajya Sabha.
- C. It defines the distribution of powers between the Union and States.
- D. It provides for disqualification of members on grounds of defection.



Mathematics

30 Questions • Answer Key

Q1 Mathematics

The product of two consecutive natural numbers is 90. The greater of the two numbers is:

A. 11

B. 10



C. 6

D. 21

Q2 Mathematics

A man makes a monthly payment equal to 20% of his monthly salary towards debt repayment. He spends 25% of the remaining salary and saves ₹780. His monthly salary (in ₹) is:

A. 1,300



B. 1,366

C. 1,388

D. 1,383

Q3 Mathematics

A man goes to Indore from Bhopal at a speed of 20 km/hr and returns to Bhopal at speed of 30 km/hr, through the same route. What is his average speed (in km/hr) of the entire journey?

A. 20

B. 28

C. 24



D. 29

Q4 Mathematics

The number of prime numbers lying between 317 and 322, both included, is:

A. 1



B. 3

C. 4

D. 2

Q5 Mathematics

The area of one side of a rectangular box is 45 cm^2 , and the area of another adjacent side is 24 cm^2 . If the area of the top surface (third side) is 30 cm^2 , find the volume of the box.

A. 60 cm^3 B. 540 cm^3 C. 180 cm^3 D. 270 cm^3

Q6 Mathematics

The ratio of an interior angle to its corresponding exterior angle in a regular polygon is 3 : 2. Determine the number of sides of the polygon.

A. 6

B. 8

C. 5



D. 7

Q7 Mathematics

₹32,100 were divided among A, B and C, such that 2 times of A = 7 times of B = 4 times of C. Find the share of A.

A. ₹17,815

B. ₹17,976



C. ₹18,091

D. ₹17,847

Q8 Mathematics

A kite is flying at the height of 353.55 m above the ground. It is attached to a string inclined at an angle of 45° to the horizontal. What is the approximate length of the string?

A. 250 m

B. 300 m

C. 375 m

D. 500 m



Q9 Mathematics

Evaluate: $16 + 12 \div 6 - 2 \times 3$

A. 11

B. 12



C. 14

D. 15

Q10 Mathematics

Which of the following ratios is the greatest?

A. 22 : 51

B. 40 : 90

C. 48 : 55



D. 30 : 53

Q11 Mathematics

What is the median of the following data?

49, 96, 59, 54, 97, 30, 44, 46, 36, 55, 23

A. 50

B. 49.5

C. 48.5

D. 49

**Q12 Mathematics**

Ashok bought some pencils at the rate of ₹180 a dozen. He sold them for ₹16 each. His profit percentage is ____%.

A. 6.67



B. 10.67

C. 4.67

D. 8.67

Q13 Mathematics

P, Q and R invest sum in the ratio of 2 : 22 : 70, respectively. If they earned a total profit of ₹4,700 at the end of the year, then what is the difference between share of Q and R?

A. ₹2,430

B. ₹2,306

C. ₹2,447

D. ₹2,400

**Q14 Mathematics**

Eight times the present age of P exceeds the present age of Q by 46 years. After 10 years, three times Q's age will be 12 years less than eight times P's age at that time. What is the present age (in years) of Q?

A. 49

B. 43

C. 37

D. 42

**Q15 Mathematics**

A number when increased by 100% gives 2750. The number is:

A. 1375



B. 2750

C. 4125

D. 687.5

Q16 Mathematics

A shopkeeper lists the price of a fan at 34% above its cost price and offers a 25% discount on its list price. If he earns a profit of ₹177, then what is the list price (in ₹) of the fan?

A. 47,209

B. 47,148

C. 47,300

D. 47,436

**Q17 Mathematics**

In covering a distance of 198 km, Amit takes 4 hours more than Vinay. If Amit doubles his speed, then he would take 5 hours less than Vinay. Amit's speed is:

A. 11 km/hr



B. 10 km/hr

C. 12 km/hr

D. 20 km/hr

Q18 Mathematics

The average of first 151 odd natural numbers, is:

A. 151.5

B. 151



C. 150.5

D. 152



Q19 Mathematics

Sapna invested ₹22,800 on simple interest, partly at 6% per annum and partly at 4% per annum. If she earns equal interests from the two investments after 8 years, then find the sum invested at 6% per annum (in ₹).

A. 9,117

B. 9,122

C. 9,120



D. 9,123

Q20 Mathematics

A shopkeeper marks a mobile phone for ₹15,000 but allows a discount of 10%. What amount does the customer actually pay?

A. ₹13,800

B. ₹14,000

C. ₹13,500



D. ₹14,500

Q21 Mathematics

Find the surface area of the cuboid with dimensions 3 cm, 5 cm and 8 cm.

A. 158 square cm.



B. 60 square cm.

C. 120 square cm.

D. 79 square cm.

Q22 Mathematics

The marked price of an article is ₹2,500. A shopkeeper gives three successive discounts of 25%, 20% and K%, and sells the article at ₹1,380. Find the value of K.

A. 7

B. 8



C. 6.5

D. 7.6

Q23 Mathematics

A sum of money triples itself at a certain rate of compound interest in 15 years. In how many years will it amount to 81 times of itself?

A. 60 years



B. 61 years

C. 51 years

D. 56 years

Q24 Mathematics

The HCF and the LCM of two numbers are 29 and 174, respectively. If one of the numbers is 58, find the other one.

A. 87



B. 145

C. 116

D. 174

Q25 Mathematics

Find the HCF of 120, 144 and 168.

A. 36

B. 48

C. 12

D. 24



Q26 Mathematics

Find the value of x satisfying: $4(4x^2 - 5) - 4(4x^2 + 6x - 4) = 15$

A. $-\frac{11}{24}$

B. $-\frac{23}{24}$

C. $-\frac{19}{24}$ ✓

D. $-\frac{17}{24}$

Q27 Mathematics

The value of $\frac{3}{4} + \left(\frac{1}{1 + \frac{5}{9}} \right) - \frac{2}{3}$ is

A. $\frac{60}{83}$

B. $\frac{63}{92}$

C. $\frac{61}{84}$ ✓

D. $\frac{57}{77}$

Q28 Mathematics

Pipe P can fill $\frac{2}{9}$ part of a tank in 28 hours, and pipe Q can fill $\frac{2}{7}$ part of the same tank in 12 hours.

Both P and Q were kept open for 6 hours, then both were closed. Pipe R alone was then opened and it emptied the water in the tank in 8 hours. Pipes P, Q and R together can fill the empty tank in:

A. 137 hours

B. 117 hours

C. 126 hours ✓

D. 145 hours



Q29 Mathematics

Pipe A can fill a tank in 12 hours, pipe B can fill the same tank in 25 hours and pipe C can fill the same tank in 10 hours. The time taken by them to fill the same tank if they operate together is::

A. $12\frac{32}{67}$ hours

B. $4\frac{32}{67}$ hours ✓

C. $13\frac{32}{67}$ hours

D. $9\frac{32}{67}$ hours

Q30 Mathematics

$$1 \times (5 \times (3^2)) \div 17 + 44 - 78$$

A. $-\frac{538}{17}$

B. $-\frac{534}{17}$

C. $-\frac{535}{17}$

D. $-\frac{533}{17}$ ✓

General Intelligence & Reasoning

30 Questions • Answer Key

Q31 General Intelligence & Reasoning

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

All oranges are melons.

All grapes are oranges.

Conclusions:

(I) Some melons are oranges.

(II) All grapes are melons.

A. Both conclusions (I) and (II) follow. ✓

B. Neither conclusion (I) nor (II) follows.

C. Only conclusion (I) follows.

D. Only conclusion (II) follows.

Q32 General Intelligence & Reasoning

Town A is to the west of Town B. Town C is to the south of Town A. Town D is to the east of Town C. Town E is to the west of Town A. What is the position of Town E with respect to Town C?

A. Northwest ✓

B. East

C. Northeast

D. South



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Q33 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter cluster pairs are alike in a certain way and thus form a group. Which pair DOES NOT belong to that group? (NOTE: The odd one out is not based on the number of consonants/vowels or their position in the letter cluster.)

A. RM-VP



B. AV-DY

C. OJ-RM

D. GB-JE

Q34 General Intelligence & Reasoning

Each of the digits in the number 2786431 is arranged in the ascending order from left to right. The position(s) of how many digits will remain unchanged as compared to that in the original number?

A. Three

B. One

C. Two

D. None

**Q35 General Intelligence & Reasoning**

What will come in the place of the question mark (?) in the following equation, if '+' and 'x' are interchanged, and '-' and '÷' are interchanged?

$$46 - 2 \div 10 + 3 \times 24 = ?$$

A. 22

B. 28

C. 12

D. 17

**Q36 General Intelligence & Reasoning**

What should come in place of the question mark (?) in the given series based on the English alphabetical order?
ZMB JXN TIZ DTL ?

A. NEX



B. NXE

C. NYE

D. NEY

Q37 General Intelligence & Reasoning

Seven people, I, J, K, L, P, Q and R are sitting in a row, facing north. Only two people sit between J and I. Only P sits to the right of K. Only one person sits between I and K. Q sits at some place to the right of L but at some place to the left of R.

How many people sit between R and L?

A. Four

B. Three

C. Two



D. One

Q38 General Intelligence & Reasoning

All 43 people are standing in a row, facing North. Kishor is 24th from the left-end while Monu is 12th from the right-end. How many people are there between Kishor and Monu?

A. 6

B. 5

C. 8

D. 7

**Q39 General Intelligence & Reasoning**

What will come in the place of the question mark (?) in the following equation, if '+' and '÷' are interchanged, and '-' and 'x' are interchanged?

$$6 - 4 \times 85 + 5 \div 22 = ?$$

A. 29



B. 42

C. 36

D. 22

Q40 General Intelligence & Reasoning

In a certain code language, 'MEAT' is coded as '4257' and 'TURN' is coded as '1365'. What is the code for 'T' in the given code language?

A. 7

B. 1

C. 6

D. 5



Q41 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group? (Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. GCXR

B. SOJD

C. QNHB



D. AWRL

Q42 General Intelligence & Reasoning

Seven boxes, A, B, C, D, E, F and G, are kept one over the other but not necessarily in the same order.

Only two boxes are kept between C and E. Only A is kept above B. No box is kept below E. F is kept at some place below D but at some place above G.

How many boxes are kept between A and G?

A. 2

B. 1

C. 3

D. 4

**Q43 General Intelligence & Reasoning**

38 people are standing in a row facing North. Harman is 15th from the right end while Hinal is 13th from the left end. How many people are there between Harman and Hinal?

A. 8

B. 9

C. 10



D. 7

Q44 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series?

288 233 183 138 98 ?

A. 53

B. 43

C. 73

D. 63

**Q45 General Intelligence & Reasoning**

In the following number-pairs, the second number is obtained by applying certain mathematical operation(s) to the first number. Select the number-pair in which the numbers are related in the same way as are the numbers of the following pairs.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding to/subtracting from/multiplying with 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

45, 165

24, 144

A. 21, 131

B. 42, 172

C. 38, 158



D. 18, 142

Q46 General Intelligence & Reasoning

Select the number from among the given options that can replace the question mark (?) in the following series.

32 40 50 62 76 ?

A. 95

B. 86

C. 92



D. 98

Q47 General Intelligence & Reasoning

1 is subtracted from each even digit of the number 95423671. Find the product of the digits that are third from the left and third from the right in the new number formed.

A. 15



B. 0

C. 8

D. 10

Q48 General Intelligence & Reasoning

In the following triads, each group of letters is related to the subsequent one following a certain logic. Select from the given options, the one which follows the same logic.

SACK - CSAK - KCAS

LEAP - ALEP - PAEL

A. PLAY - APLY - LAYP

B. EMIT - MEIT - TMIE

C. GOLD - LGOD - DLOG



D. TEMP - TMEP - PMET



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Q49 General Intelligence & Reasoning

This question is based on five, four-digit numbers given below.

(Left) 4138 2345 6367 5353 1276 (Right)

(Example: 6975 – First digit = 6, second digit = 9, third digit = 7 and fourth digit = 5)

(NOTE: All operations to be done from left to right.)

What will be the resultant if the first digit of the largest number is multiplied to the second digit of the smallest number?

A. 15

B. 17

C. 12

D. 14

Q50 General Intelligence & Reasoning

In a certain code language, 'YARN' is coded as '25#@' and 'ARTY' is coded as '#\$52'. What is the code for 'T' in the given code language?

A. \$

B. 5

C. 2

D. #

Q51 General Intelligence & Reasoning

S is the father of Y. Y is the brother of R. R is the wife of U. U is the son of P. How is S related to P?

A. Son's wife's sister

B. Son's wife's brother

C. Son's wife's father

D. Son's wife's mother

Q52 General Intelligence & Reasoning

In the following triads, each group of letters is related to the subsequent one following a certain logic. Select from the given options, the one which follows the same logic.

SAVE - EASV - AVSE

CROW - WRCO - ROCW

A. DEWS - EDWS - SEWD

B. GROW - GORW - WORG

C. TERM - METR - RETM

D. JUST - TUJS - USJT

Q53 General Intelligence & Reasoning

Refer to the following number, symbol series and answer the question. Counting to be done from left to right only.

(Left) 7 # * © & 8 4 & 6 1 5 9 € 8 \$ * 6 6 8 5 7 7 (Right)

How many such numbers are there each of which is immediately preceded by a symbol and also immediately followed by a symbol?

A. One

B. Three

C. Zero

D. Two

Q54 General Intelligence & Reasoning

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.

Statements: Some walls are roofs. No roof is a floor.

Conclusions (I): No roof is a wall.

Conclusions (II): Some floors are roofs.

A. Neither conclusion (I) nor (II) follows.

B. Both conclusions (I) and (II) follow.

C. Only conclusion (II) follows.

D. Only conclusion (I) follows.

Q55 General Intelligence & Reasoning

Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

LIG 1, NKI 4, ?, ROM 16, TQO 25

A. PNL 9

B. PMK 9

C. QNK 12

D. QNL 9

Q56 General Intelligence & Reasoning

SPLT is related to QNJR in a certain way based on the English alphabetical order. In the same way, OLHP is related to MJFN. To which of the given options is KHDL related, following the same logic?

A. FIJB

B. IFJB

C. FIBJ

D. IFBJ



Q57 General Intelligence & Reasoning

Paula starts from Point A and drives 5 km towards South. He then takes a right turn, drives 9 km, turns right and drives 13 km. He then takes a right turn and drives 11 km. He takes a final right turn, drives 8 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90° turns only unless specified.)

A. 2 km to the West



B. 5 km to the West

C. 6 km to the North

D. 4 km to the East

Q58 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series?

9 15 47 91 275 ?

A. 550

B. 574

C. 505

D. 547

**Q59 General Intelligence & Reasoning**

Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. LP-KN

B. EI-DG

C. BF-AC



D. HL-GJ

Q60 General Intelligence & Reasoning

Seven people A, B, C, D, E, F and G are sitting in a row, facing the north. F sits sixth from the right end of the row. Only two people sit between E and F. A sits to the right of E but left of G. D sits third to the left of C. How many people sit to the right of B?

A. Three

B. Five

C. Two

D. Four

**General Awareness**

40 Questions • Answer Key

Q61 General Awareness

The Mahatma Gandhi National Rural Employment Guarantee Act, 2005 (MGNREGA) provides a legal guarantee for how many days of employment per year to every rural household in India?

A. 180 days

B. 100 days



C. 135 days

D. 159 days

Q62 General Awareness

The McMahon Line is the boundary between India and which country?

A. Pakistan

B. China



C. Myanmar

D. Afghanistan

Q63 General Awareness

In April 2025, India signed a \$7.4 billion deal to purchase 26 Rafale fighter jets with which of the following countries?

A. United States

B. France



C. Russia

D. Israel

Q64 General Awareness

In May 2025, the Khelo India Multipurpose Hall in Arunachal Pradesh was officially opened in which district by Union Minister Dr. Mansukh Mandaviya?

A. Tawang

B. Lower Subansiri

C. Kamle



D. West Kameng



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Q65 General Awareness

This freedom fighter proclaimed himself the Peshwa during the Revolt of 1857 and gathered armed forces and expelled the British garrison from the city. He was the adopted son of the late Peshwa Baji Rao. The leader in question is:

- A. Mangal Pandey
- B. Tantia Tope
- C. Nana Saheb ✓
- D. Kunwar Singh

Q66 General Awareness

Which law allowed inter-caste and inter-religious marriages during the British period in India?

- A. Act of 1872 ✓
- B. Sarda Act
- C. Act of Settlement
- D. Widow Remarriage Act

Q67 General Awareness

The increase in Earth's average temperature due to trapped gases is called:

- A. Ozone depletion
- B. Greenhouse effect ✓
- C. Climate Change
- D. Ocean acidification

Q68 General Awareness

Which of the following names is associated with the Faraizi Movement?

- A. Muhammad Barkathulla
- B. Nawab Salimullah
- C. Haji Shariatullah ✓
- D. Hakim Ajmal Khan

Q69 General Awareness

How many medals were won by the Indian team in Archery World Cup Stage 2 at Shanghai, China in May 2025?

- A. 5
- B. 6
- C. 3
- D. 7 ✓

Q70 General Awareness

On which day in 2025 did India and Pakistan agree to a US-brokered ceasefire with immediate effect?

- A. 9 May
- B. 8 May
- C. 10 May ✓
- D. 11 May

Q71 General Awareness

In which of the following budget sessions was the Mission Antyodaya, a convergence and accountability framework aiming to bring optimum use and management of resources, adopted?

- A. Union Budget 2016-17
- B. Union Budget 2018-19
- C. Union Budget 2015-16
- D. Union Budget 2017-18 ✓

Q72 General Awareness

Which State launched India's first PPP green waste processing plant?

- A. Madhya Pradesh ✓
- B. Chhattisgarh
- C. Kerala
- D. Telangana

Q73 General Awareness

What is the actual mainland distance of India from east to west?

- A. 3143 km
- B. 2933 km ✓
- C. 3214 km
- D. 3014 km

Q74 General Awareness

To be eligible for membership of a State Legislature, a candidate must meet which of the following qualifications as laid down in the Representation of the People Act, 1951?

- A. Pay income tax in the State
- B. Be a permanent resident of the State for 15 years
- C. Have at least a graduate degree
- D. Be an elector (voter) in any State assembly constituency ✓



Q75 General Awareness

Who took charge as the Controller General of Defence Accounts (CGDA) on 1 March 2025?

- A. Shailendra Nath Gupta
- B. Ajay Kumar
- C. Alok Joshi
- D. Dr. Mayank Sharma

**Q76 General Awareness**

Which Article deals with the constitution of Municipalities?

- A. Article 243P
- B. Article 243Z
- C. Article 243W
- D. Article 243Q

**Q77 General Awareness**

Where was the 29th World Gas Conference (WGC), known as the 'Olympics' of the global gas industry, held for the first time in its nearly 100-year history in May 2025?

- A. Tokyo, Japan
- B. Beijing, China
- C. Paris, France
- D. Dubai, UAE

**Q78 General Awareness**

Which of the following developments followed the MoU signed between GRSE and Norway's Kongsberg at Nor-Shipping 2025?

- A. India will begin building its first indigenously made Polar Vessel.
- B. India will purchase its first Polar Research Vessel from Norway.
- C. India will jointly operate a Polar Research Vessel with Norway.
- D. India will fund Norway's Polar Research under a new agreement.

**Q79 General Awareness**

Which Constitutional Amendment Act added the Ninth Schedule to the Constitution of India?

- A. Fourth Amendment Act, 1955
- B. Twenty-ninth Amendment Act, 1972
- C. First Amendment Act, 1951
- D. Seventeenth Amendment Act, 1964

**Q80 General Awareness**

Who is responsible for implementing the RTI Act in public departments?

- A. Central Vigilance Officer
- B. Director General
- C. District Magistrate
- D. Central Public Information Officer

**Q81 General Awareness**

Which of the following devices performs optical character recognition (OCR)?

- A. OCR Scanner
- B. Barcode Reader
- C. Flatbed Scanner
- D. OMR Scanner

**Q82 General Awareness**

Kathak is a classical dance form from which of the following regions of India?

- A. North India
- B. Western India
- C. Eastern India
- D. South India

**Q83 General Awareness**

Abu'l Fazl was the court historian of which of the following rulers?

- A. Akbar
- B. Babar
- C. Aurangzeb
- D. Alauddin Khilji

**Q84 General Awareness**

Which of the following Articles of the Indian Constitution empowers Parliament to make laws relating to the acquisition and termination of the Indian Citizenship?

- A. Article 10
- B. Article 11
- C. Article 7
- D. Article 12



Q85 General Awareness

What is the function of a diathermic wall in a thermodynamic system?

- A. It allows the exchange of matter only.
- B. It prevents the exchange of both matter and energy.
- C. It allows the flow of only work.
- D. It allows the flow of heat between systems. ✓

Q86 General Awareness

Which thermodynamic quantity helps determine the spontaneity of a chemical reaction?

- A. Enthalpy
- B. Entropy
- C. Gibbs free energy ✓
- D. Internal free energy

Q87 General Awareness

How does the growth of tertiary activities reflect economic development in India?

- A. It highlights a fall in manufacturing employment.
- B. It shows a shift back to farm-based occupations.
- C. It reflects improved services, urban growth and rising demand. ✓
- D. It indicates a slowdown in overall income generation.

Q88 General Awareness

Which international summit on artificial intelligence was held in Bengaluru in 2025, highlighting the importance of ethical and inclusive AI collaboration between India and France?

- A. Global AI Ethics Forum
- B. Indo-European AI Partnership Meet
- C. India-US AI Conference
- D. La French Tech India AI Summit ✓

Q89 General Awareness

In May 2025, which Indian company emerged as the lowest bidder for the Indian Navy's Next Generation Corvettes (NGC) project, valued at over ₹25,000 crore?

- A. Hindustan Shipyard Limited
- B. Mazagon Dock Shipbuilders Limited
- C. Garden Reach Shipbuilders & Engineers ✓
- D. Cochin Shipyard Limited

Q90 General Awareness

Which of the following organisations released the World Social Protection Report (WSPR) 2024-2025?

- A. United Nation Security Council
- B. International Monetary Fund
- C. International Labour Organization ✓
- D. World Health Organization

Q91 General Awareness

Lahaulas and Pangwala are major tribes found in which Indian state?

- A. Goa
- B. Jharkhand
- C. Himachal Pradesh ✓
- D. Assam

Q92 General Awareness

What is the name given to a saucer-shaped intrusive igneous body that is concave to the sky?

- A. Lapolith ✓
- B. Sill
- C. Batholith
- D. Phacolith

Q93 General Awareness

Who received the Best Actress award at the 25th IIFA Awards in 2025?

- A. Manisha Kulshertha
- B. Nitanshi Goel ✓
- C. Neha Dixit
- D. Subhashree Ganguly

Q94 General Awareness

What was the main source of revenue for the Pallava empire, used for maintaining their army and administrative expenses?

- A. Toll tax
- B. Trade tax
- C. Salt tax
- D. Land tax ✓



Q95 General Awareness

What is the function of the Taskbar in the Windows operating system?

- A. Stores deleted files temporarily
- B. Displays currently running applications and allows switching between them ✓
- C. Shuts down the computer immediately
- D. Opens the file manager window

Q96 General Awareness

In the case of Vihaan Kumar vs. State of Haryana, what constitutional violation led the Supreme Court to declare the arrest illegal?

- A. Violation of Article 22(1) (Failure to inform grounds of arrest) ✓
- B. Violation of Article 21 (Right to Life and Personal Liberty)
- C. Violation of Article 19(1)(a) (Freedom of Speech)
- D. Violation of Article 14 (Right to Equality)

Q97 General Awareness

The commercialisation of agriculture under the British transformed the rural economy. What did 'commercialisation of agriculture' in British India lead to?

- A. Rise in food grain production
- B. Growth of self-sufficient villages
- C. Elimination of rural debt
- D. Increased production of cash crops ✓

Q98 General Awareness

Which of the following, set up in June 1986, is responsible for the management of civil aerodromes and civil enclaves as well as for maintenance and operation of aeronautical communication systems at all the airports?

- A. Delhi International Airport Limited
- B. National Airports Authority ✓
- C. Airports Authority of India
- D. Airports Council International

Q99 General Awareness

Which Indian startup successfully tested the country's first electric motor-driven semi-cryogenic rocket engine in May 2025?

- A. Pixxel
- B. Agnikul Cosmos ✓
- C. Skyroot Aerospace
- D. Bellatrix Aerospace

Q100 General Awareness

Industrially, which acid is mainly produced by the carbonylation of methanol using carbon monoxide?

- A. Acetic acid ✓
- B. Hydrochloric acid
- C. Citric acid
- D. Nitric acid



Mathematics

30 Questions • Answer Key

Q1 Mathematics

A number when increased by 80% gives 2880. The number is:

A. 1600



B. 800

C. 3200

D. 4800

Q2 Mathematics

Find the simple interest (in ₹) on ₹3,000 as a sum borrowed at 8% per year rate of interest for 6 years.

A. 1,400

B. 1,380

C. 1,440



D. 1,480

Q3 Mathematics

The number 938315 is divisible by which of the following?

A. 5



B. 9

C. 13

D. 12

Q4 Mathematics

David bought some sharpeners at the rate of ₹150 a dozen. He sold them for ₹43 each. His profit percentage is ____%.

A. 246

B. 248

C. 242

D. 244



Q5 Mathematics

Evaluate 24^2 .

A. 546

B. 626

C. 576



D. 536

Q6 Mathematics

Ishaan and Meghna have to travel from Delhi to Kanpur in their respective cars. Ishaan is driving at 147 km/hr while Meghna is driving at 42 km/hr. Find the time taken by Meghna to reach Kanpur if Ishaan takes 8 hours.

A. 19 hours

B. 33 hours

C. 32 hours

D. 28 hours



Q7 Mathematics

A piece of furniture is marked at 35% above its cost price. The shopkeeper gives a discount of 18% on the marked price and still earns ₹1,498 profit. What is the cost price of the furniture?

A. ₹12,000

B. ₹14,000



C. ₹15,000

D. ₹16,000

Q8 Mathematics

The LCM of the numbers 2.9 and 0.031 is:

A. 89.9



B. 0.899

C. 899

D. 8.99

Q9 Mathematics

The number of prime numbers lying between 397 and 407, both included, is:

A. 2



B. 6

C. 1

D. 4



Q10 Mathematics

The exterior angle of a regular polygon is one-seventh of its interior angle. How many sides does the polygon have?

- A. 24
- B. 18
- C. 12
- D. 16

**Q11 Mathematics**

The product of two positive numbers is 2645. If the first number is five times the second number, then the sum of the two numbers is:

- A. 138
- B. 146
- C. 155
- D. 149

**Q12 Mathematics**

Anshuman and Kunal together invested ₹70,400 in a business. At the end of the year, out of a total profit of ₹12,000, Kunal's share was ₹1,800. What was the difference between their investments?

- A. ₹49,280
- B. ₹47,329
- C. ₹48,614
- D. ₹50,554

**Q13 Mathematics**

Find the perimeter of a rectangular plot whose length is 68 m and area is 1904 m^2 .

- A. 165 m
- B. 192 m
- C. 186 m
- D. 174 m

**Q14 Mathematics**

Two times the present age of P exceeds the present age of Q by 15 years. After 9 years, twice Q's age will be 14 years less than twice P's age at that time. What is the present age (in years) of Q?

- A. 1
- B. 3
- C. 6
- D. 8

**Q15 Mathematics**

The average runs scored by a batsman in 23 matches is 43. In the next 10 matches, the batsman scored an average of 15 runs. Find his average runs scored (rounded off to two decimal places) in all the 33 matches.

- A. 36.52
- B. 35.52
- C. 33.52
- D. 34.52

**Q16 Mathematics**

The sum of five numbers is 655. The average of the first two numbers is 80 and the third number is 105. Find the average of the remaining two numbers.

- A. 186
- B. 185
- C. 195
- D. 196

**Q17 Mathematics**

Simplify: $x(3x - 8) + 3(x^2 - 5) + 11$

- A. $-6 \times 2 - 8x - 4$
- B. $6 \times 2 - 8x - 4$
- C. $-6 \times 2 - 8x + 4$
- D. $6 \times 2 - 8x + 4$

**Q18 Mathematics**

In an election between two candidates 96 % of the registered voters cast their vote and 10 % of the votes polled were found invalid. Winning candidate got 57 % of the valid votes and won the election by a margin of 378 votes. How many voters were registered?

- A. 3122
- B. 3125
- C. 3123
- D. 21872



Q19 Mathematics

Aarohi has to reach Lucknow which is 907 km away in 14 hours. His starting speed for 5 hours was 32 km/hr. For the next 81 km his speed was 27 km/hr. By what speed he must travel now so as to reach Lucknow in the decided time of 14 hours?

A. 108 km/hr

B. 107 km/hr

C. 111 km/hr



D. 117 km/hr

Q20 Mathematics

An amount of ₹785 is divided among three persons in the ratio of 19 : 3 : 18. The difference between the largest and the smallest shares (in ₹) in the distribution is:

A. 315

B. 387

C. 369

D. 314

**Q21 Mathematics**

The H.C.F. and the L.C.M. of two numbers are 4 and 208 respectively. If one of the numbers is 52, find the other one.

A. 45

B. 16



C. 55

D. 8

Q22 Mathematics

Which of the following ratios is the greatest?

A. 46 : 51



B. 22 : 54

C. 48 : 90

D. 42 : 68

Q23 Mathematics

The marked price of a vehicle is ₹6,48,200. It is sold after allowing three successive discounts of 6%, 5% and 4%. Find its selling price. (Rounded off to nearest rupee)

A. ₹5,48,600

B. ₹5,60,789

C. ₹5,55,689



D. ₹5,70,650

Q24 Mathematics

The selling price of 25 books is equal to the cost price of 37 books. Find the loss or gain percentage.

A. 48% loss

B. $\frac{100}{12}\%$ gain

C. 48% gain



D. $\frac{100}{12}\%$ loss



Q25 Mathematics

Anjani can do a certain piece of work in 12 days. Anjani and Khushbu can together do the same work in 9 days, and Anjani, Khushbu and Sushmita can do the same work together in 8 days. In how many days can Anjani and Sushmita do the same work together?

A. $\frac{80}{8}$

B. $\frac{70}{7}$

C. $\frac{82}{9}$

D. $\frac{72}{7}$

**Q26 Mathematics**

The value of $\sqrt{400} + \sqrt{0.0121} - \sqrt{7.84}$ is _____.

A. 15.32

B. 17.31

C. 2.92

D. 4.24

**Q27 Mathematics**

The simple interest on a certain sum for $8\frac{1}{2}$ years at the rate of 3.2% per annum is ₹2,550.

What will be the amount payable on the same sum at the rate of 9.6% per annum simple interest in $5\frac{4}{5}$ years?

A. ₹14,609

B. ₹14,595

C. ₹14,583

D. ₹14,613

**Q28 Mathematics**

Find the circumference (in m) of the largest circle that can be drawn completely inside a rectangle with sides 196 m and 271 m.

(Take $\pi = \frac{22}{7}$.)

A. 608

B. 616

C. 613

D. 614



Q29 Mathematics

A can do a work in 11 days and B can do the same work in 24 days. If they work on it together for 2 days, then what fraction of the work is left?

A. $\frac{97}{132}$



B. $\frac{107}{132}$

C. $\frac{103}{132}$

D. $\frac{99}{132}$

Q30 Mathematics

If $6x = \operatorname{cosec} \theta$ and $\frac{6}{x} = \cot \theta$, then find the value of $18\left(x^2 - \frac{1}{x^2}\right)$.

A. $\frac{1}{3}$

B. $-\frac{1}{2}$

C. $\frac{\sqrt{3}}{2}$

D. $\frac{1}{2}$

**General Intelligence & Reasoning**

30 Questions • Answer Key

Q31 General Intelligence & Reasoning

90 people are standing in a row facing north. Mr. Leu is 16th from the right end, while Mr. Sanga is 39th from the left end. How many people are there between Mr. Leu and Mr. Sanga?

A. 32

B. 35



C. 37

D. 34

Q32 General Intelligence & Reasoning

WFJU is related to YILX in a certain way based on the English alphabetical order. In the same way, ERRG is related to GUTJ. To which of the given options is KAXP related, following the same logic?

A. MXZS

B. MDSZ

C. MDZS



D. MZSD



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Q33 General Intelligence & Reasoning

Six friends, B, C, D, E, F and N, are sitting in a straight line, facing north. No one sits to the right of D. Only two people sit between D and B. Only one person sits between E and C. F sits third to the right of E. How many people sit between N and F?

A. Zero

B. One

C. Three



D. Two

Q34 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. UXS

B. NQL

C. EHC

D. LKO

**Q35 General Intelligence & Reasoning**

What should come in place of the question mark (?) in the given series based on the English alphabetical order?

CHR HMW MRB RWG ?

A. WKL

B. WLB

C. WBL



D. WLK

Q36 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series?

14 26 49 81 124 ?

A. 187

B. 176



C. 167

D. 178

Q37 General Intelligence & Reasoning

FHNR is related to MMSY in a certain way based on the English alphabetical order. In the same way, HBHT is related to OGMA. To which of the given options is CQWO related, following the same logic?

A. JBVV

B. JVV B

C. JVBV



D. BVVJ

Q38 General Intelligence & Reasoning

43 people are standing in a row facing north. Kumar is 29th from the left end while Mohana is 9th from the right end. How many people are there between Kumar and Mohana?

A. Three

B. Five



C. Two

D. Four

Q39 General Intelligence & Reasoning

Seven boxes, A, B, C, D, M, N and O, are kept one over the other but not necessarily in the same order. Only three boxes are kept below D. Only two boxes are kept between D and O. Only A is kept above M. C is kept at some place below B and at some place above N. Which box is kept at the second position from the bottom?

A. O

B. D

C. A

D. N

**Q40 General Intelligence & Reasoning**

Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group? (Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. BWQM

B. GBVR

C. QLFB

D. SMHD



Q41 General Intelligence & Reasoning

Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only. (Note: All numbers are single digit numbers only.)

(Left) 5 @ 1 £ 3 * 4 7 + \$ 9 % 6 2 & 8 Ω # (Right)

If all the number are dropped from the series, which of the following will be sixth from the right?

A. \$

B. +

C. @

D. *

Q42 General Intelligence & Reasoning

In a certain code language, 'RACK' is coded as '3192' and 'JACK' is coded as '1326'. What is the code for 'J' in the given code language?

A. 2

B. 1

C. 3

D. 6

Q43 General Intelligence & Reasoning

What will come in the place of the question mark (?) in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged?

$$17 \div 3 + 49 \times 7 - 13 = ?$$

A. 41

B. 45

C. 57

D. 43

Q44 General Intelligence & Reasoning

Pratik starts from Point A and drives 10 km towards the north. He then takes a right turn and drives 8 km, then turns right and drives 17 km. He then takes a right turn and drives 10 km. He takes a final right turn, drives 7 km and stops at Point P. How far (shortest distance) and in which direction should he drive in order to reach Point A again? (All turns are 90-degree turns only unless specified.)

A. 2 km to the east

B. 3 km to the east

C. 2 km to the west

D. 3 km to the west

Q45 General Intelligence & Reasoning

In a certain code language,
A \$ B means 'A is the daughter of B'
A + B means 'A is the brother of B'
A @ B means 'A is the wife of B'
A ÷ B means 'A is the father of B'
Based on the above, how is E related to N if 'E \$ F @ G ÷ M + N'?

A. Daughter

B. Mother

C. Wife

D. Sister

Q46 General Intelligence & Reasoning

In the following number-pairs, the second number is obtained by applying certain mathematical operations to the first number. Select the pair in which the numbers are related in the same way as are the numbers of the following pairs.

(Note: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g., 13 – Operations on 13 such as adding/subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

25, 100

21, 84

A. 40, 180

B. 28, 102

C. 35, 120

D. 32, 128

Q47 General Intelligence & Reasoning

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

All stars are rectangles.
All cones are rectangles.

Conclusions:

(I): Some stars are cones.
(II): Some rectangles are cones.

A. Only conclusion (II) follows.

B. Neither conclusion (I) nor (II) follows.

C. Both conclusions (I) and (II) follow.

D. Only conclusion (I) follows.



Q48 General Intelligence & Reasoning

In a certain code language, 'mud depth urn' is coded as 'qz bd aa' and 'rain dog mud' is coded as 'bd gl kn'. How is 'mud' coded in the given code language?

A. bd



B. aa

C. qz

D. gl

Q49 General Intelligence & Reasoning

If 'A' stands for '+', 'B' stands for 'x', 'C' stands for '+' and 'D' stands for '-', then what will come in place of the question mark (?) in the following equation?

18 B 3 D 112 A 16 C 6 = ?

A. 49

B. 45

C. 57

D. 53

**Q50 General Intelligence & Reasoning**

Each of the digits in the number 1593486 is arranged in the ascending order from left to right. What will be the sum of the digits that are third from the left and third from the right in the new number thus formed?

A. 9

B. 12

C. 8

D. 10

**Q51 General Intelligence & Reasoning**

In the following triads, each group of letters is related to the subsequent one following a certain logic. Select from the given options, the one which follows the same logic.

SOLD - OSLD - DOSL

BAKE - ABKE - EABK

A. CAME - ACME - AMEC

B. NEAM - ENAM - MENA



C. CURD - CRUD - DRUC

D. MILK - IMLK - KILM

Q52 General Intelligence & Reasoning

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.

Statements:

No watch is a bow.

No bow is a tie.

Conclusions:

(I) No watch is a tie.

(II) No bow is a watch.

A. Both conclusions (I) and (II) follow.

B. Only conclusion (II) follows.



C. Neither conclusion (I) nor (II) follows.

D. Only conclusion (I) follows.

Q53 General Intelligence & Reasoning

Seven people A, B, C, D, E, F and G are sitting in a row, facing the north. No one sits to the right of G. Only four people sit between E and F. C sits fifth from the right end of the row. B sits to the immediate right of A but left of E. How many people sit to the right of D?

A. Four

B. Two

C. Five



D. Three

Q54 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series?

691 692 690 691 689 690 688 ?

A. 687

B. 688

C. 689



D. 690

Q55 General Intelligence & Reasoning

Each of the digits in the number 7812345 is arranged in ascending order from left to right. The position(s) of how many digits will remain unchanged as compared to that in the original number?

A. One

B. Two

C. None



D. Three



Q56 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group? (Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. ZUX

B. QLO

C. XSV

D. VQU

**Q57 General Intelligence & Reasoning**

What should come in place of the question mark (?) in the given series based on the English alphabetical order?

WTX SPT OLP KHL ?

A. GCI

B. GDH



C. GCH

D. GDI

Q58 General Intelligence & Reasoning

Refer to the following number and symbol series and answer the question that follows. All numbers are single-digit. Counting to be done from left to right.

(Left) 6 @ 8 \$ 7 1 * 2 + £ 5 & 3 Ω 9 # % 4 (Right)

How many such symbols are there each of which is immediately preceded by a number and also immediately followed by another symbol?

A. 2



B. 3

C. 4

D. 1

Q59 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series?

35 44 55 68 83 ?

A. 122

B. 100



C. 116

D. 128

Q60 General Intelligence & Reasoning

Manoj starts from Point A and drives 9 km towards north. He then takes a right turn, drives 6 km, turns right and drives 3 km. He then takes a left turn and drives 5 km. He takes a final right turn, drives 6 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90° turns only unless specified.)

A. 9 km towards south

B. 11 km towards east

C. 9 km towards west

D. 11 km towards west

**General Awareness**

40 Questions • Answer Key

Q61 General Awareness

What is the disintegration of rocks into smaller fragments without any change in their chemical composition called?

A. Block disintegration

B. Mechanical weathering



C. Frost Action

D. Exfoliation

Q62 General Awareness

In which of the following years was the Central Goods and Services Tax Act enacted?

A. 2007

B. 2017



C. 2013

D. 2009



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Q63 General Awareness

What is the official name of Kerala's 2025 healthcare reform initiative?

- A. Better Health Blueprint
- B. Care4Kerala Mission
- C. Comprehensive Health Kerala
- D. Kerala Health System Improvement Programme ✓

Q64 General Awareness

Who introduced the Bharatiya Vayuyan Adhiniyam that was passed in the Rajya Sabha in December 2024?

- A. Hardeep Singh Puri
- B. Ram Mohan Naidu ✓
- C. Kiren Rijju
- D. Jyotiraditya M Scindia

Q65 General Awareness

Which renewable energy source has the largest installed capacity in India as of the year 2025?

- A. Geothermal energy
- B. Hydro power
- C. Solar energy ✓
- D. Wind energy

Q66 General Awareness

The 91st Amendment of the Indian Constitution was enacted in which year?

- A. 2003 ✓
- B. 2000
- C. 1978
- D. 1989

Q67 General Awareness

As of April 2025, what amount of monthly pension is given to players under Pandit Deendayal Upadhyay National Welfare Fund for Sportspersons (PDUNWFS) scheme?

- A. ₹3,000
- B. ₹6,000
- C. ₹5,000 ✓
- D. ₹4,000

Q68 General Awareness

Who was the Chief Architect behind the integration of over 560 princely states into the Indian Union?

- A. Jawaharlal Nehru
- B. Sardar Vallabhbhai Patel ✓
- C. Rajendra Prasad
- D. Lord Mountbatten

Q69 General Awareness

Which of the following methods is used to rename a file or folder in MS Windows?

- A. Right-click the file and select 'Delete'
- B. Press 'Ctrl + R'
- C. Double-click the file to open it
- D. Right-click the file and select 'Rename' ✓

Q70 General Awareness

Where and when is the final in-flight testing of the Kaveri Derivative Engine (KDE) scheduled, as part of its certification process?

- A. France, late 2025
- B. China, mid-2026
- C. India, early 2025
- D. Russia, late 2025 ✓

Q71 General Awareness

Which Indian athlete broke the women's shot put indoor national record at the Mountain West Indoor Track and Field Championships 2025?

- A. Krishna Jayasankar ✓
- B. Manpreet Kaur
- C. Navjeet Kaur Dhillon
- D. Kamalpreet Kaur

Q72 General Awareness

Which country took over the Chairmanship of the Comprehensive and Progressive Agreement for Trans-Pacific Partnership (CPTPP) on 1 January 2025?

- A. Canada
- B. New Zealand
- C. Japan
- D. Australia ✓



Q73 General Awareness

Which law states that a compound always contains the same elements in the same proportion by mass?

- A. Law of Conservation of Mass
- B. Law of Definite Proportions ✓
- C. Law of Multiple Proportions
- D. Avogadro's Law

Q74 General Awareness

What was the main characteristic of the Indian economy at the time of independence in 1947?

- A. High per capita income
- B. Self-sufficiency in food grains
- C. Dominance of the industrial sector
- D. Predominantly agrarian with low productivity ✓

Q75 General Awareness

The Pallava kings adopted which title to reflect that their rule was guided by the principles of the Dharmashastras?

- A. Rajadhiraja
- B. Maharajadhiraja
- C. Chakravarti
- D. Dharma-Maharaja ✓

Q76 General Awareness

Which of the following factors most influences the uneven distribution of population in India?

- A. Trade union policies
- B. Language diversity
- C. Soil fertility and water availability ✓
- D. National income

Q77 General Awareness

Technological innovation was key to the success of the Green Revolution. The success of HYV seeds in India was contingent on which critical input?

- A. Hand tools
- B. Organic compost
- C. Forest cover
- D. Chemical fertilisers ✓

Q78 General Awareness

Which Indian institution, on 15 May 2025, collaborated with Japan's Sharp Semiconductor Innovation Corporation (SSIC) to successfully test Beyond 5G (B5G) and 6G wireless technologies?

- A. Indian Institute of Technology Delhi (IIT-D)
- B. Indian Institute of Technology Madras (IIT-M)
- C. Indian Institute of Technology Bombay (IIT-B)
- D. Indian Institute of Technology Hyderabad (IIT-H) ✓

Q79 General Awareness

Jharkhand has announced its first tiger safari in the Barwadih Western Forest Range; it is a part of which tiger reserve?

- A. Bandipur Tiger Reserve
- B. Pench Tiger Reserve
- C. Palamau Tiger Reserve ✓
- D. Sanjay Gandhi Tiger Reserve

Q80 General Awareness

Who among the following joined the Planning Commission as its Vice-Chairman in March 1950?

- A. John Mathai
- B. Jagjeevan Ram
- C. Gulzarilal Nanda ✓
- D. Shyama Prasad Mukherjee

Q81 General Awareness

Which of the following Indian players won ICC Men's Player of the Month for March 2025?

- A. Virat Kohli
- B. KL Rahul
- C. Rohit Sharma
- D. Shreyas Iyer ✓

Q82 General Awareness

In which of the following cities was the 2nd edition of Khelo India Para Games 2025 held in March 2025?

- A. Hyderabad
- B. New Delhi ✓
- C. Mumbai
- D. Bengaluru



Q83 General Awareness

Which of the following combinations of shortcut keys and functions is correctly matched?

- A. Ctrl + F – Switches between open tabs
- B. Ctrl + V – Finds a specific word in the document
- C. Ctrl + Tab – Copies the selected text
- D. Ctrl + C – Copies content to the clipboard ✓

Q84 General Awareness

The five village committees (variyaams) such as neernilai variyam and needhi variyam were a unique administrative feature of which of the following dynasties?

- A. Satavahanas
- B. Mauryas
- C. Guptas
- D. Pandyas ✓

Q85 General Awareness

Hills of Kaimur, the easternmost part of the Vindhya Range, which begins near Jabalpur districts of Madhya Pradesh, ends near which district of Bihar?

- A. Nawada
- B. Patna
- C. Munger
- D. Rohtas ✓

Q86 General Awareness

What is the tenure duration of Justice BR Gavai as the Chief Justice of India?

- A. 2 years
- B. 6 months ✓
- C. 1 year
- D. 3 years

Q87 General Awareness

Which of the following is a major challenge for Indian cities due to rapid urbanisation?

- A. Pressure on infrastructure and services ✓
- B. Decline in urban unemployment
- C. Improved access to green spaces
- D. Enhanced walkability in all city zones

Q88 General Awareness

What does globalisation mainly mean in economic terms?

- A. Connecting to the world economy ✓
- B. Closing borders
- C. Limiting trade
- D. Stopping foreign investment

Q89 General Awareness

Which Indian Army unit represented India in VINBAX, conducted in November 2024?

- A. Mechanised Infantry Regiment
- B. Corps of Engineers ✓
- C. Parachute Regiment
- D. Gorkha Rifles

Q90 General Awareness

Which of these is a distinct feature of a statutory corporation in India?

- A. It is established by an Act, has a separate legal identity, and can sue or be sued. ✓
- B. Its employees are considered government civil servants under the usual rules.
- C. It has no legal existence separate from the government.
- D. It is fully owned by private shareholders and receives no government funding.

Q91 General Awareness

Which Indian judgment laid down the concept of 'Basic Structure' of the Constitution?

- A. Maneka Gandhi v. Union of India
- B. Minerva Mills v. Union of India
- C. Kesavananda Bharati v. State of Kerala ✓
- D. Golaknath v. State of Punjab

Q92 General Awareness

Who among the following is eligible to be appointed as the Chairperson of the Lokpal, as per the Lokpal and Lokayuktas Act, 2013?

- A. A sitting judge of a High Court
- B. A current Member of Parliament
- C. A retired Cabinet Secretary of India
- D. A former Judge of the Supreme Court ✓



Q93 General Awareness

Which Schedule of the Constitution deals with the administration of Scheduled Areas in states, other than the Northeast?

A. Fifth Schedule



B. Sixth Schedule

C. Seventh Schedule

D. Ninth Schedule

Q94 General Awareness

What is the main objective of the Khelo India scheme?

A. Strengthen sports culture and identify young talent



B. Encourage traditional games and sports

C. Promote yoga in schools and colleges

D. Build sport organisations and stadiums in metro cities

Q95 General Awareness

Which reaction occurs when an alkoxide ion attacks a primary alkyl halide via SN2 mechanism?

A. Arndt-Eistert synthesis

B. Friedlaender synthesis

C. Williamson synthesis



D. Coumarin synthesis

Q96 General Awareness

Which of the following is true about the original jurisdiction of the Supreme Court of India?

A. It grants pardons to criminals

B. It reviews the decisions of tribunals

C. It deals with criminal appeals only

D. It settles disputes between the Union and states



Q97 General Awareness

Which river from the following originates from the Amarkantak Plateau?

A. Tapti

B. Mahanadi

C. Narmada



D. Ganga

Q98 General Awareness

In which year was the first cases of the disease now known as acquired immunodeficiency syndrome (AIDS) identified?

A. 1981



B. 1992

C. 1977

D. 1988

Q99 General Awareness

The United Kingdom has signed an agreement to hand over Chagos Island to which of the following countries?

A. Malaysia

B. Indonesia

C. Mauritius



D. Madagascar

Q100 General Awareness

Which tribal revolt in 1831-32 was led by Buddho Bhagat and targeted exploitative landlords and British officials?

A. Kol Revolt



B. Bhil Revolt

C. Santhal Revolt

D. Munda Revolt



Mathematics

30 Questions • Answer Key

Q1 Mathematics

The perimeter of an isosceles triangle is 184 cm. If the base is 44 cm, find the length of the equal sides (in cm).

A. 78

B. 72

C. 70



D. 75

Q2 Mathematics

Sapna invested ₹21,100 on simple interest, partly at the rate of 6% per annum and partly at the rate of 14% per annum. If she earns equal interests from the two investments after 3 years, then find the sum invested at the rate of 6% per annum (in ₹).

A. 14,768

B. 14,770



C. 14,767

D. 14,773

Q3 Mathematics

The average runs scored by a batsman in 23 matches is 40. In the next 10 matches, the batsman scored an average of 13 runs. Find his average runs scored (rounded off to two decimals) in all the 33 matches.

A. 32.82

B. 31.82



C. 33.82

D. 30.82

Q4 Mathematics

The cost of 7 pens and 17 pencils is ₹92. If the cost of a pen decreases by ₹0.50 and the cost of a pencil increases by ₹8, then the cost of 8 pens and 14 pencils is ₹186. What is the original cost of 9 pens and 6 pencils?

A. ₹39



B. ₹43

C. ₹41

D. ₹35

Q5 Mathematics

Praveen and Hemant start a business. Praveen invests ₹16,000 more than Hemant for 7 months and Hemant invests for 6 months. Praveen's share is ₹1,007 more than that of Hemant, out of a total profit of ₹7,049. Find the capital contributed by Praveen.

A. ₹1,28,112

B. ₹1,28,142

C. ₹1,28,000



D. ₹1,27,842

Q6 Mathematics

The H.C.F. and the L.C.M. of two numbers are 28 and 336, respectively. If one of the numbers is 112, find the other one.

A. 56

B. 140

C. 112

D. 84



Q7 Mathematics

The population of a district is 376000, out of which 230000 are males. 11% of the population is literate. If 11% males are literate, then what percentage of females are literate?

A. 11%



B. 9%

C. 8%

D. 12%

Q8 Mathematics

I bought two bicycles for ₹1,200. I sold the first one at a loss of 8% and the second at a gain of 17%. If, on the whole I made neither a loss nor a gain, find the cost price (in ₹) of the first bicycle.

A. 836

B. 840

C. 816



D. 800



Q9 Mathematics

If the interest earned during the 2nd year on a certain sum is ₹2,508, and the rate of interest is 20% per annum compounded annually, then the sum is:

A. ₹10,005

B. ₹9,695

C. ₹10,315

D. ₹10,450

**Q10 Mathematics**

Simplify: $x(3x - 9) + 3(x^2 - 2) + 14$

A. $-6 \times 2 - 9x + 8$

B. $-6 \times 2 - 9x - 8$

C. $6 \times 2 - 9x - 8$

D. $6 \times 2 - 9x + 8$

**Q11 Mathematics**

The number 578289151 is divisible by which of the following?

A. 11



B. 4

C. 6

D. 10

Q12 Mathematics

An amount of ₹785 is divided among three persons in the ratio of 2 : 6 : 17. The difference between the largest and the smallest shares (in ₹) in the distribution is:

A. 566

B. 496

C. 471



D. 434

Q13 Mathematics

In covering a distance of 110 km, Pranay takes 6 hours more than Aman. If Pranay doubles his speed, then he would take 5 hours less than Aman. Pranay's speed is:

A. 5 km/hr



B. 14 km/hr

C. 6 km/hr

D. 11 km/hr

Q14 Mathematics

If the 6-digit number N51M91 is divisible by 11, then which of the options below can give a possible correct relation between M and N?

A. $M - N = 4$



B. $M - N = 1$

C. $M + N = -4$

D. $M = N$

Q15 Mathematics

If 2 times Mary's present age is 16 years more than 3 times Diya's present age, and 2 times Diya's present age is 2 years less than Mary's present age, then what is the difference (in years) between the ages of Mary and Diya?

A. 14



B. 17

C. 10

D. 15

Q16 Mathematics

Arjun and Malaika have to travel from Delhi to Kanpur in their respective cars. Arjun is driving at 60 km/hr while Malaika is driving at 96 km/hr. Find the time taken by Malaika to reach Kanpur if Arjun takes 8 hours.

A. 5 hours



B. 9 hours

C. 6 hours

D. 1 hours

Q17 Mathematics

What single discount is equivalent to three successive discounts of 24%, 26% and 18%? (Rounded off to two decimal places)

A. 51.48%

B. 54.42%

C. 53.88%



D. 54.94%



Q18 Mathematics

The marks scored by 10 students are given below.

10, 19, 18, 18, 13, 14, 16, 18, 16, 12

The mode of the data is:

A. 13

B. 10

C. 18



D. 19

Q19 Mathematics

Evaluate: $(-9) - (-60) \div (-6) + (-3) \times 6$

A. -39

B. -37



C. -40

D. -36

Q20 Mathematics

The LCM of the numbers 4.8 and 0.024 is:

A. 4.8



B. 0.48

C. 0.048

D. 48

Q21 Mathematics

Given that $134^{0.78} = x$, $134^{0.52} = y$ and $x^z = y^8$, then the value of z is close to:

A. 5.33



B. 5.72

C. 6.77

D. 7.89

Q22 Mathematics

Find the mean proportional between 28 and 252.

A. 81

B. 83

C. 84



D. 86

Q23 Mathematics

A book with a printed price of ₹4,500 is available on successive discounts of 10%, 20% and 25%. Find the selling price of the book.

A. ₹2,420

B. ₹2,440

C. ₹2,410

D. ₹2,430



Q24 Mathematics

Pipe A can fill a tank in 16 hours, pipe B can fill the same tank in 23 hours and pipe C can fill the same tank in 10 hours. The time taken by them to fill the same tank if they operate together is::

A. $4\frac{324}{379} \text{ hours}$



B. $13\frac{324}{379} \text{ hours}$

C. $10\frac{324}{379} \text{ hours}$

D. $1\frac{324}{379} \text{ hours}$

Q25 Mathematics

A cylindrical rod has an outer curved surface area of 7700 cm^2 . If the length of the rod is 95 cm, then the outer radius (in cm) of the rod, correct to two places of decimal, is:

(Take $\pi = \frac{22}{7}$)

A. 11.99

B. 11.54

C. 12.89



D. 11.14

Q26 Mathematics

Shifa can do a certain piece of work in 28 days. Shifa and Afiya can together do the same work in 20 days, and Shifa, Afiya and Mariyam can do the same work together in 10 days. In how many days can Shifa and Mariyam do the same work together?

A. $\frac{39}{5}$

B. $\frac{36}{4}$

C. $\frac{41}{3}$

D. $\frac{35}{3}$



Q27 Mathematics

The sum of all interior angles of a regular polygon is 1620° . What is the measure (in degrees) of its each exterior angle?

A. $33\frac{8}{11}$

B. $32\frac{8}{11}$ ✓

C. $31\frac{8}{11}$

D. $34\frac{8}{11}$

Q28 Mathematics

The selling price of 25 books is equal to the cost price of 5 books. Find the loss or gain percentage.

A. $\frac{100}{20}\%$ loss

B. $\frac{100}{20}\%$ gain

C. 80% loss ✓

D. 80% gain

Q29 Mathematics

The angle made by a point on the ground and the top of a building with ground is 30° .

If the point is x units distance away from the bottom of the building, then the height of the building (in units) is:

A. $\frac{x}{2}$

B. $\frac{x}{\sqrt{2}}$

C. $\frac{x}{3}$

D. $\frac{x}{\sqrt{3}}$ ✓

Q30 Mathematics

By how much is 65% of 65 greater than $\frac{2}{5}$ of 45?

A. 22.25

B. 18.25

C. 24.25 ✓

D. 21.25



Q31 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series?

53 69 87 107 129 ?

A. 158

B. 168

C. 163

D. 153

**Q32** General Intelligence & Reasoning

Select the pair which follows the same pattern as that followed by the two set of pairs given below. Both pairs follow the same pattern.

FVB : ETE

RUC : QSF

A. OPQ : PNT

B. MJJ : LHM



C. JLH : KJJ

D. NSP : OQR

Q33 General Intelligence & Reasoning

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.

Statements:

Some watches are clocks.

All clocks are pendulums.

Conclusions:

(I) Some watches are pendulums.

(II) All pendulum are clocks.

A. Neither conclusion (I) nor (II) follows.

B. Both conclusions (I) and (II) follow.

C. Only conclusion (I) follows.



D. Only conclusion (II) follows.

Q34 General Intelligence & Reasoning

In a certain code language, 'MOST' is coded as '2457' and 'BEAM' is coded as '4136'. What is the code for 'M' in that language?

A. 2

B. 6

C. 4



D. 1

Q35 General Intelligence & Reasoning

Each of the digits in the number 513946287 is arranged in ascending order from left to right. What will be the sum of the digits which are second from the left and third from the right in the new number thus formed?

A. 13

B. 11

C. 9



D. 5

Q36 General Intelligence & Reasoning

Select the pair which follows the same pattern as that followed by the two pairs given below. Both pairs follow the same pattern.

LCP : PZV

TWB : XTH

A. UKD : YFH

B. HWK : LBO

C. BQN : FNT



D. HTO : LQS

Q37 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which is the letter-cluster pair that DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. GN-LU

B. JQ-OX

C. FN-KT



D. WD-BK



Q38 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series?

19 32 47 64 83 ?

A. 92

B. 112

C. 98

D. 104

**Q39 General Intelligence & Reasoning**

In the following number-pairs, the second number is obtained by applying certain mathematical operation(s) to the first number. Select the number-pair in which the numbers are related in the same way as are the numbers of the following pairs.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding to/subtracting from/multiplying with 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

72, 145

83, 167

A. 22, 48

B. 46, 93



C. 54, 125

D. 35, 73

Q40 General Intelligence & Reasoning

In the following triads, each group of letters is related to the subsequent one following a certain logic. Select from the given options, the one which follows the same logic.

APES - EAPS - SEPA

FROM - OFRM - MORF

A. RING - IRNG - GINR

B. FIRM - RFIM - MRIF



C. MEAL - AMEL - EALM

D. SANK - SNAK - KNAS

Q41 General Intelligence & Reasoning

Refer to the following number and symbol series and answer the question that follows. All numbers are single-digit numbers. Counting to be done from left to right only.

(Left) @ 8 \$ & + 7 1 * 6 % Ω £ 2 4 5 9 # 3 (Right)

How many such numbers are there each of which is immediately preceded by a symbol and also immediately followed by another symbol?

A. 1

B. 3

C. 2



D. 4

Q42 General Intelligence & Reasoning

Seven boxes, A, B, C, D, M, N and O, are kept one over the other but not necessarily in the same order.

Only four boxes are kept between A and D. Only C is kept above A. Only two boxes are kept between O and N. B is kept immediately above M. N is not kept immediately above B.

Which box is kept fourth from the top?

A. M

B. O

C. B



D. A

Q43 General Intelligence & Reasoning

If 3 is added to each odd digit and 1 is subtracted from each even digit in the number 6243514, what will be the sum of the digits which are second from the left and second from the right?

A. 8

B. 5



C. 7

D. 6

Q44 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series based on the English alphabetical order? RFG THI VJK XLM ?

A. ZMO

B. ZNO



C. YNO

D. ZNP



Q45 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. UL-PS

B. PG-KM

C. RI-MP

D. NE-IL

Q46 General Intelligence & Reasoning

If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 5187463, which of the following digits will be second from the left in the new number thus formed?

A. 5

B. 6

C. 2

D. 8

Q47 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series?

89 94 102 113 127 ?

A. 146

B. 144

C. 143

D. 145

Q48 General Intelligence & Reasoning

Six people, C, D, E, F, G and T, are sitting around a circular table, facing the centre. Only two people sit between C and D when counted from the right of C. Only one person sits between E and G. G sits to the immediate left of D. T is not an immediate neighbour of E. Who sits second to the right of T?

A. D

B. F

C. C

D. E

Q49 General Intelligence & Reasoning

If + means -, - means ×, × means ÷ and ÷ means +, then what will come in place of the question mark (?) in the following equation?

$$19 + 17 - 2 \div 84 \times 3 = ?$$

A. 24

B. 13

C. 18

D. 32

Q50 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. EGL

B. XZD

C. SUY

D. HJN

Q51 General Intelligence & Reasoning

Read the given statement(s) and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statement(s).

Statements:

All bottles are hats.

No hat is a maize.

Conclusions:

(I): No bottle is a maize.

(II): Some maizes are hats.

A. Only conclusion (II) follows

B. Both conclusions (I) and (II) follow.

C. Only conclusion (I) follows.

D. Neither conclusion (I) nor (II) follows.

Q52 General Intelligence & Reasoning

In a certain code language, 'AMID' is coded as '4257' and 'INKS' is coded as '1346'. What is the code for 'I' in the given code language?

A. 1

B. 6

C. 7

D. 4



Q53 General Intelligence & Reasoning

Kiran starts from Point A and drives 5 km towards south. He then takes a left turn, drives 7 km, turns left and drives 8 km. He then takes a left turn and drives 9 km. He takes a final left turn, drives 3 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90° turns only unless specified.)

- A. 1 km to east
- B. 4 km to east
- C. 3 km to east
- D. 2 km to east

**Q54 General Intelligence & Reasoning**

What should come in place of ? in the given series based on the English alphabetical order?

CMT ENU GOV IPW ?

- A. IPW
- B. KQX
- C. JPW
- D. JQX

**Q55 General Intelligence & Reasoning**

Seven boxes F, G, H, I, K, L, and O are kept one over the other but not necessarily in the same order. No box is kept above G. Only three boxes are kept between G and F. Only one box is kept between I and L. L is kept immediately above F. Only four boxes are kept between I and K. H is kept at some place above O. Which box is kept second below H?

- A. F
- B. I
- C. O
- D. K

**Q56 General Intelligence & Reasoning**

Pari starts from Point A and drives 12 km towards south. She then takes a left turn, drives 10 km, turns right and drives 5 km. She then takes a right turn and drives 7 km. She takes a final right turn, drives 17 km and stops at Point P. How far (shortest distance) and towards which direction should she drive in order to reach Point A again? (All turns are 90° turns only unless specified.)

- A. 3 km towards west
- B. 20 km towards west
- C. 20 km towards north
- D. 17 km towards east

**Q57 General Intelligence & Reasoning**

D is the wife of O. O is the brother of M. M is the father of E. E is the daughter of S. How is D related to S?

- A. Husband's brother's wife
- B. Father's brother's mother
- C. Father's brother's son
- D. Father's brother's daughter

**Q58 General Intelligence & Reasoning**

All 103 students in a class are standing in a row facing north. Farah is 39th from the right end while Kanak is 52nd from the left end. How many people stand between Farah and Kanak?

- A. 10
- B. 11
- C. 12
- D. 13

**Q59 General Intelligence & Reasoning**

Seven people A, B, C, D, E, F and G are sitting in a row, facing north.

Only three people sit to the left of F. Only B sits to the right of D. Only three people sit between D and A. E sits at some place to the left of G but at some place to the right of C. How many people sit to the right of F?

- A. 2
- B. 4
- C. 1
- D. 3

**Q60 General Intelligence & Reasoning**

Refer to the following number, symbol series and answer the question that follow. Counting to be done from left to right only.

(Left) 1 \ 1 \ @ ^ & % > * 9 & + 2 9 4 + 1 ^ 7 7 (Right)

How many such symbols are there each of which is immediately preceded by another symbol and also immediately followed by a number?

- A. Three
- B. One
- C. Two
- D. Four



Q61 General Awareness

Which of the following was NOT a kingdom based on the modern-day Tamil Nadu?

A. Chera

B. Rashtrakutas



C. Chola

D. Pandya

Q62 General Awareness

Transition elements are generally found in which block of the periodic table?

A. s-block

B. p-block

C. d-block



D. f-block

Q63 General Awareness

The seeds of which plant of the Fabaceae family are used as a spice, flavouring agent and food supplement?

A. Cajanus cajan

B. Dolichos oleiferablab

C. Trigonella foenum graecum



D. Arachis hypogea

Q64 General Awareness

The 105th Constitutional Amendment Act, 2021, is related to which of the following?

A. Women's reservation

B. GST reforms

C. Powers of state governments to identify OBCs



D. Creation of a National Judicial Commission

Q65 General Awareness

In May 2025, which venture capital firm launched a new investment vertical to support startups in India's defence and strategic technology sectors?

A. Accel Partners

B. Nexus Venture Partners

C. Titan Capital



D. Sequoia Capital

Q66 General Awareness

Which of the following leaders is associated with the concept of 'Drain of Wealth' theory?

A. C Rajagopalachari

B. Subhash Chandra Bose

C. MG Ranade

D. Dadabhai Naoroji

**Q67 General Awareness**

The Ministry of Statistics and Programme Implementation (MoSPI) released which edition of its publication titled 'Women and Men in India 2024: Selected Indicators and Data' in April 2025?

A. 22nd

B. 26th



C. 30th

D. 20th

Q68 General Awareness

What was the major demographic feature of India at the time of independence?

A. High life expectancy

B. Low birth rate

C. Aging population

D. High death rate and infant mortality

**Q69 General Awareness**

Where was the semicryogenic engine hot test held in April 2025?

A. Vikram Sarabhai Space Centre, Thiruvananthapuram

B. ISRO Propulsion Complex, Mahendra Giri



C. Satish Dhawan Space Centre, Sriharikota

D. Down Range Station, Port Blair

Q70 General Awareness

When was the Mines Act enacted in India?

A. 1962

B. 1952



C. 1982

D. 1972



Q71 General Awareness

What does the abbreviation ASCII stand for?

- A. Advanced Standard Communication for Information Integration
- B. American Standard Code for Information Interchange ✓
- C. American Standard Code for Internet Information
- D. Automated System Code for International Interfacing

Q72 General Awareness

What was Gandhi's view about the relation between means and ends in Satyagraha?

- A. Only ends matter, not the means.
- B. The ends justify the means.
- C. Violence is necessary for pure ends.
- D. Pure ends require pure means. ✓

Q73 General Awareness

Which among the following developed Bhargavastra, a multi-layered counter-drone system designed to neutralise drone threats, in May 2025?

- A. Bharat Electronics
- B. Defence Research and Development Organisation
- C. Tata Advanced Systems
- D. Solar Defence and Aerospace Limited ✓

Q74 General Awareness

In a State government, a minister holds office:

- A. as long as they enjoy the confidence of the State Legislative Council
- B. during the pleasure of the Governor ✓
- C. for a fixed five-year term
- D. during the pleasure of the President

Q75 General Awareness

Who among the following inaugurated seventh edition of the Khelo India Youth Games 2025 held at Bihar?

- A. Narendra Modi ✓
- B. Arif Mohammad Khan
- C. Mansukh Mandaviya
- D. Nitish Kumar

Q76 General Awareness

Which of the following Biosphere Reserves is located in Madhya Pradesh?

- A. Nanda Biosphere Reserve
- B. Similipal Biosphere Reserve
- C. Panna Biosphere Reserve ✓
- D. Manas Biosphere Reserve

Q77 General Awareness

The Fiscal Responsibility and Budget Management (FRBM) Act set limits on the fiscal deficit and public debt. What was the fiscal deficit target under the original FRBM Act by 2008-09?

- A. 4.5% of GDP
- B. 3% of GDP ✓
- C. Zero deficit
- D. 6% of GDP

Q78 General Awareness

Which type of Indian cinema refers to commercial, mainstream films primarily produced in Hindi, known for their songs, drama and spectacle?

- A. Regional cinema
- B. Bollywood ✓
- C. Indie films
- D. Parallel cinema

Q79 General Awareness

The village headman during the Gupta period was commonly known as ____.

- A. Amatyas
- B. Mahattara
- C. Gramadhyaksha ✓
- D. Uparika

Q80 General Awareness

The India Infrastructure Report 2023, released in December 2023 by Shri M Venkaiah Naidu, is related to _____.

- A. Coastal Planning and Development
- B. Rural Planning and Development
- C. Forest Planning and Development
- D. Urban Planning and Development ✓



Q81 General Awareness

The First Backward Classes Commission was appointed in which year?

- A. 1993
- B. 1953
- C. 1966
- D. 1967

**Q82 General Awareness**

As per the Ministry of Ports, Shipping and Waterways of the Government of India, which port is known as the largest container port in India (as of May 2025)?

- A. Kandla
- B. Paradip
- C. Nhava Sheva
- D. Chennai

**Q83 General Awareness**

Which unit of the Indonesian Special Forces participated in Exercise GARUD SHAKTI, held in November 2024?

- A. Marinir
- B. Kopassus
- C. TNI-AU
- D. Kostrad

**Q84 General Awareness**

What does the abbreviation EBCDIC stand for?

- A. Extended Binary Code for Digital Information Communication
- B. Electronic Binary Code for Data Interchange Communication
- C. Encoded Binary Character Data Interchange Code
- D. Extended Binary Coded Decimal Interchange Code

**Q85 General Awareness**

Which Indian state announced a ₹6,124 crore investment to boost road connectivity and infrastructure expansion in 2025?

- A. Uttar Pradesh
- B. Maharashtra
- C. Gujarat
- D. Tamil Nadu

**Q86 General Awareness**

In May 2025, China announced visa-free access for all member states of which regional organisation?

- A. Association of Southeast Asian Nations (ASEAN)
- B. Gulf Cooperation Council (GCC)
- C. South Asian Association for Regional Cooperation (SAARC)
- D. European Union (EU)

**Q87 General Awareness**

Who among the following Grammy-winning Indian musicians was awarded the Padma Shri in 2025?

- A. AR Rahman
- B. Zakir Hussain
- C. Ricky Kej
- D. Shankar Mahadevan

**Q88 General Awareness**

Which of the following states shares its boundary with Bangladesh?

- A. Nagaland
- B. Tripura
- C. Odisha
- D. Arunachal Pradesh

**Q89 General Awareness**

The infamous Jallianwala Bagh massacre occurred when Gandhi called all the Indians to observe April 6, 1919, as a day of non-violent protest against which of the following colonial policies?

- A. Partition of Bengal
- B. Minto-Morley reforms
- C. Simon Commission
- D. Rowlatt Act

**Q90 General Awareness**

Which body is responsible for recruitment to All India Services like IAS and IPS?

- A. Finance Commission
- B. Union Public Service Commission
- C. Election Commission
- D. Comptroller and Auditor General



Q91 General Awareness

Which of the following Indian languages is spoken mainly in the state of Odisha?

A. Odia



B. Punjabi

C. Kannada

D. Marathi

Q92 General Awareness

What does the Constitution of India stipulate regarding the composition of the Election Commission of India (ECI)?

A. It must always be a three-member body (one Chief Election Commissioner and two Election Commissioners).

B. It may be single or multi-member; initially, there was only a Chief Election Commissioner until 1989.



C. It must include one Election Commissioner from each major state to ensure federal balance

D. It is constitutionally fixed as a single-member body headed by the Chief Election Commissioner (CEC) only.

Q93 General Awareness

The Paris Agreement, adopted in 2015, aims to:

A. eliminate air pollution

B. halt desertification

C. promote water conservation

D. limit global temperature rise

**Q94 General Awareness**

Who among the following is the first African woman to assume office as the Commonwealth Secretary General in April 2025?

A. Sylvie Kinigi

B. Hanna Suchocka

C. Tansu Ciller

D. Shirley Botchwey

**Q95 General Awareness**

In May 2025, the Indian Army held the 'Teesta Prahar' integrated field exercise in which state to demonstrate operational readiness and combined operational capabilities?

A. Assam

B. West Bengal



C. Rajasthan

D. Madhya Pradesh

Q96 General Awareness

Which of the following Indian players won two Olympic medals in a single edition of the Games in Paris 2025 and was awarded with Major Dhyan Chand Khel Ratna Award in January 2025?

A. Minu Bhaker



B. Swapnil Suresh Kusale

C. Manu Bhaker

D. Sarabjot Singh

Q97 General Awareness

Which of the following was NOT a component of globalisation in India's economic reforms?

A. Liberalising imports

B. Encouraging foreign direct investment

C. Allowing foreign technology

D. Promoting local-only trade

**Q98 General Awareness**

Slump is a type of:

A. weathering

B. landslide



C. erosion

D. rock fall

Q99 General Awareness

Which of the following courts is known as the 'Guardian of the Constitution' in India?

A. Lok Adalat

B. High Court

C. Supreme Court



D. District Court



Q100 General Awareness

Which two researchers independently suggested that acid-base reactions could be thought of as proton-transfer reactions for the first time, in 1923?

A. Gilbert N Lewis and SPL Sorensen

B. JN Brønsted and Thomas M Lowry



C. Svante Arrhenius and Peter Waage

D. Guillaume F Rouelle and Humphry Davy



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Mathematics

30 Questions • Answer Key

Q1 Mathematics

If 3 times the mother's age is 29 years more than 5 times her daughter's age, and 2 times the daughter's age is 2 years less than the mother's age, then what is the difference (in years) between the ages of the mother and the daughter?

A. 25



B. 24

C. 23

D. 29

Q2 Mathematics

In an election between two candidates, 82% of the registered voters cast their vote and 4% of the votes polled were found invalid. The winning candidate got 60% of the valid votes and won the election by a margin of 1968 votes. How many voters were registered?

A. 12497

B. 12500



C. 12502

D. 12501

Q3 Mathematics

A publisher gives 15% discount on the printed price of a book to booksellers. What does a book seller pay (in ₹) for a book whose printed price is ₹2,400?

A. 2,004

B. 2,420

C. 2,040



D. 2,140

Q4 Mathematics

The LCM of $3^3 \times 9^2 \times 13$, $3^2 \times 13^2 \times 18$ and $9^3 \times 13^2 \times 18^2$ is

A. $22 \times 310 \times 132$ B. $23 \times 310 \times 132$ C. $22 \times 311 \times 132$ D. $22 \times 39 \times 132$

Q5 Mathematics

Pooja, Harsh, and Madhur invest ₹1,120, ₹1,320, and ₹1,160, respectively to start a business. If the profit at the end of the year is ₹1,080, then what is the share of Madhur in the profit?

A. ₹348



B. ₹349

C. ₹347

D. ₹351

Q6 Mathematics

₹35,200 were divided among A, B and C, such that 8 times the share of A = 6 times the share of B = 3 times the share of C. Find the share of A.

A. ₹6,872

B. ₹7,040



C. ₹7,220

D. ₹7,197

Q7 Mathematics

The H.C.F. and the L.C.M. of two numbers are 8 and 4200, respectively. If one of the numbers is 168, find the other one.

A. 100

B. 400

C. 200



D. 300

Q8 Mathematics

A man driving a car at a speed of 48 km/hr crosses a bridge in 4.6 minutes. Find the length of the bridge.

A. 4.35 km

B. 2.75 km

C. 3.92 km

D. 3.68 km



Q9 Mathematics

A number, when increased by 60%, gives 3560. The number is:

- A. 4450
- B. 6675
- C. 2225
- D. 1112.5

**Q10 Mathematics**

The average weight of Salil, Mukund and Sachin is 45 kg. If the average weight of Salil and Mukund is 44 kg and that of Mukund and Sachin is 48 kg, then the weight of Mukund (in kg) is:

- A. 64
- B. 69
- C. 49
- D. 59

**Q11 Mathematics**

The marked price of a wet grinder is ₹6,500. It was sold at two successive discounts of 5% and 4%. Find its selling price.

- A. ₹5,928
- B. ₹5,500
- C. ₹5,630
- D. ₹5,850

**Q12 Mathematics**

86 light bulbs were purchased for ₹86, and 14 light bulbs broke in transit. The trader sold the remaining light bulbs at ₹3.20 each. Find his profit.

- A. ₹141.10
- B. ₹137.10
- C. ₹141.30
- D. ₹144.40

**Q13 Mathematics**

The average weight of a family of five members whose weights are 40 kg, 49 kg, 56 kg, 75 kg and 38 kg is:

- A. 53.6 kg
- B. 50.6 kg
- C. 51.6 kg
- D. 52.6 kg

**Q14 Mathematics**

Simplify: $x(6x - 9) + 6(x^2 - 3) + 19$

- A. $-12 \times 2 - 9x - 1$
- B. $-12 \times 2 - 9x + 1$
- C. $12 \times 2 - 9x - 1$
- D. $12 \times 2 - 9x + 1$

**Q15 Mathematics**

The product of two positive numbers is 2000. If the first number is five times the second number, then the sum of the two numbers is:

- A. 125
- B. 133
- C. 120
- D. 121

**Q16 Mathematics**

Find the mean proportional of 225 and 4.

- A. 30
- B. 32
- C. 28
- D. 27

**Q17 Mathematics**

The number of prime numbers lying between 332 and 343, both included, is:

- A. 4
- B. 1
- C. 2
- D. 3

**Q18 Mathematics**

Find the surface area of a cube, whose each side measures 9 cm.

- A. 486 cm²
- B. 324 cm²
- C. 729 cm²
- D. 364 cm²



Q19 Mathematics

In covering a distance of 52 km, Anmol takes 6 hours more than Nikhil. If Anmol doubles his speed, then he would take 7 hours less than Nikhil. Anmol's speed is:

A. 4 km/hr

B. 2 km/hr

C. 7 km/hr

D. 6 km/hr

Q20 Mathematics

If the radius of a sphere is 24 cm, then its surface area is:

A. $2280 \pi \text{ cm}^2$

B. $2330 \pi \text{ cm}^2$

C. $2374 \pi \text{ cm}^2$

D. $2304 \pi \text{ cm}^2$

Q21 Mathematics

The number 726179 is divisible by which of the following?

A. 20

B. 23

C. 29

D. 28

Q22 Mathematics

Find the simple interest (in ₹) on ₹1,200 at an interest rate of 4% per month for 5 months.

A. ₹120

B. ₹20

C. ₹240

D. ₹40

Q23 Mathematics

A can lay railway track between two given stations in 17 days and B can do the same job in 12 days. With the help of C, they did the job in 3 days only. Then, C alone can do the job in

A. $5\frac{3}{13} \text{ days}$

B. $7\frac{3}{13} \text{ days}$

C. $6\frac{3}{13} \text{ days}$

D. $12\frac{3}{13} \text{ days}$

Q24 Mathematics

The value of $2^2 + \sqrt{10^2} - 9\sqrt{16} - 17$ is

A. -48

B. -39

C. -31

D. -36



Q25 Mathematics

Simplify $\frac{(x^2 - 9) \times (9x^2 - 1)}{\left(x - \frac{1}{3}\right) \times \left(1 - \frac{x}{3}\right)} \times \frac{9}{\left(x + \frac{1}{3}\right) \times \left(1 + \frac{x}{3}\right)}$.

A. -729



B. -81

C. 81

D. 729

Q26 Mathematics

Pipe P can fill $\frac{2}{7}$ part of a tank in 18 hours, and pipe Q can fill $\frac{5}{9}$ part of the same tank in 25 hours.

Both P and Q were kept open for 3 hours, then both were closed. Pipe R alone was then opened and it emptied the water in the tank in 8 hours. Pipes P, Q and R together can fill the empty tank in:

A. 38 hours

B. 25 hours

C. 53 hours

D. 42 hours



Q27 Mathematics

If $\sin \theta = \frac{p^2 - 1}{p^2 + 1}$, and θ is an acute angle, then find the value of $\cos \theta$.

A. $\frac{1 + 2p}{p^2 - 1}$

B. $\frac{p^2 + 1}{2p}$

C. $\frac{2p}{p^2 - 1}$

D. $\frac{2p}{p^2 + 1}$



Q28 Mathematics

ABCD is a quadrilateral such that $\angle A = 47^\circ$, $\angle B = 66^\circ$, $\angle C = 133^\circ$ and $\angle D = 114^\circ$. What type of a quadrilateral is ABCD?

A. Rhombus

B. Parallelogram

C. Cyclic quadrilateral



D. Trapezium



Q29 Mathematics

A trader claims to sell fruits at a profit of 22%, but also dishonestly uses a weight which is 4% less than what is mentioned on it. Find the total percentage of profit earned by the trader. (Round off the answer to the nearest whole number.)

- A. 24%
- B. 25%
- C. 28%
- D. 27%

**Q30 Mathematics**

The simple interest on a certain sum for $4\frac{2}{5}$ years at the rate of 7.6% per annum is ₹8,778.

What will be the amount payable on the same sum at the rate of 4.8% per annum simple interest in $8\frac{2}{7}$ years?

- A. ₹36,699
- B. ₹36,698
- C. ₹36,690
- D. ₹36,672

**General Intelligence & Reasoning**

30 Questions • Answer Key

Q31 General Intelligence & Reasoning

If 1 is added to each even digit and 2 is subtracted from each odd digit in the number 8524796, then which of the following digits will be second from the right in the new number thus formed?

- A. 8
- B. 9
- C. 5
- D. 7

**Q32 General Intelligence & Reasoning**

What should come in place of the question mark (?) in the given series?

83 91 107 139 203 ?

- A. 321
- B. 332
- C. 335
- D. 331

**Q33 General Intelligence & Reasoning**

Seven boxes F, G, H, I, K, L, and O are kept one over the other but not necessarily in the same order. Only three boxes are kept above G. Only one box is kept between F and G. Only three boxes are kept between F and K. K is kept at some place above G. O is kept immediately below K. L is kept at one of the places above I. H is not kept immediately above or below F.

Which box is kept at the lowermost position?

- A. H
- B. F
- C. I
- D. O

**Q34 General Intelligence & Reasoning**

SACU is related to YGIA in a certain way based on the English alphabetical order. In the same way, QYAS is related to WEGY. To which of the following is IQSK related, following the same logic?

- A. LOER
- B. OWYQ
- C. WQER
- D. OLPI



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Q35 General Intelligence & Reasoning

Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

NUB 1, JQX 4, FMT 10, BIP 22, XEL 46, ?

A. TAI 94

B. TAH 94



C. NAH 94

D. TUH 94

Q36 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. PSW

B. FIM

C. ZBF



D. ORV

Q37 General Intelligence & Reasoning

What will come in the place of the question mark (?) in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged?

$$25 \times 5 - 18 \div 3 + 15 = ?$$

A. 44



B. 41

C. 42

D. 43

Q38 General Intelligence & Reasoning

In the following number-pairs, the second number is obtained by applying certain mathematical operation(s) to the first number. Select the number-pair in which the numbers are related in the same way as are the numbers of the following pairs.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding to/subtracting from/multiplying with 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

12, 53

25, 105

A. 20, 100

B. 15, 55

C. 5, 25



D. 18, 72

Q39 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series?

8 13 23 38 58 ?

A. 83



B. 85

C. 80

D. 90

Q40 General Intelligence & Reasoning

Seven boxes P, Q, R, S, X, Y and Z are kept one over the other, but not necessarily in the same order. Only two boxes are kept between P and Z. Only X is kept above S. No box is kept below Z. R is kept at some place below Y, but at some place above Q. Which box is kept third above Q?

A. P

B. S

C. Y



D. R



Q41 General Intelligence & Reasoning

I, J, K, L, O, P and Q are sitting around a circular table facing the centre of the table. Only two people sit between Q and K when counted from the right of Q. Only two people sit between K and O. Only three people sit between Q and P. I sits to the immediate left of L. Who sits third to the left of J?

A. I

B. K

C. L



D. Q

Q42 General Intelligence & Reasoning

Ravi starts from Point A and drives 8 km towards south. He then takes a left turn, drives 9 km, turns right and drives 5 km. He then takes a right turn and drives 4 km. He takes a final right turn, drives 13 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90° turns only unless specified.)

A. 16 km towards west

B. 16 km towards north

C. 5 km towards west



D. 13 km towards east

Q43 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series based on the English alphabetical order?

ELJ HOM KRP NUS ?

A. QVT

B. OVT

C. QXV



D. QXT

Q44 General Intelligence & Reasoning

Select the pair that follows the same pattern as that followed by the two pairs given below. Both pairs follow the same pattern.

QMJ-GCZ

CYV-SOL

A. VRO-LHE



B. UPL-KGD

C. UPL-JFC

D. UQN-JGC

Q45 General Intelligence & Reasoning

In a certain code language, 'RAID' is coded as '3527' and 'DOGS' is coded as '1346'. What is the code for 'D' in the given code language?

A. 1

B. 7

C. 3



D. 4

Q46 General Intelligence & Reasoning

Umar starts from Point A and drives 7 km towards North. He then takes a right turn, drives 4 km, turns right and drives 11 km. He then takes a right turn and drives 9 km. He takes a final right turn, drives 4 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90° turns only unless specified.)

A. 4 km to the South

B. 5 km to the East



C. 5 km to the North

D. 4 km to the North

Q47 General Intelligence & Reasoning

Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) £ \$ 7 # © 5 1 6 9 & 9 € & 2 6 £ £ \$ @ % * % (Right)

How many such numbers are there each of which is immediately preceded by a symbol and also immediately followed by a symbol?

A. 2



B. 1

C. 4

D. 3

Q48 General Intelligence & Reasoning

Seven people, I, J, K, L, P, Q and R, are sitting in a row, facing north. Only two people sit to the right of K. Only two people sit between K and R. Only two people sit between I and Q. Q sits to the immediate left of K. L sits to the immediate right of P. Who sits at the third position from the left end of the row?

A. I

B. R

C. J



D. L



Q49 General Intelligence & Reasoning

Read the given statement(s) and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statement(s).

Statements:

Some Blueberries are Melons.
All Melons are Grapefruits.

Conclusions:

- I. No Blueberries are Grapefruits.
II. Some Grapefruits are Blueberries.

- A. Both conclusions (I) and (II) follow.
B. Only conclusion (I) follows.
C. Neither conclusion (I) nor (II) follows.
D. Only conclusion (II) follows. ✓

Q50 General Intelligence & Reasoning

Each of the digits in the number 5312768 is arranged in ascending order from left to right. What will be the sum of the digits that are second from the left and second from the right in the new number thus formed?

- A. 9 ✓
B. 6
C. 7
D. 8

Q51 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series?

22 25 36 39 50 ?

- A. 53 ✓
B. 54
C. 55
D. 52

Q52 General Intelligence & Reasoning

In a certain code language, 'GAVE' is coded as '4629' and 'AIDS' is coded as '1395'. What is the code for 'A' in the given code language?

- A. 5
B. 6
C. 1
D. 9 ✓

Q53 General Intelligence & Reasoning

Refer to the five three-digit numbers given below and answer the question that follows.

(Left) 869 509 779 491 863 (Right)

(Example: 697 – first digit = 6, second digit = 9, and third digit = 7)

(NOTE: All operations to be done from left to right.)

If all the numbers are arranged in ascending order, the position of how many numbers will remain unchanged?

- A. 3
B. 2 ✓
C. 4
D. 1

Q54 General Intelligence & Reasoning

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

Some planes are buses.
No bus is a truck.

Conclusions:

- (I): No truck is a bus.
(II): Some buses are planes.

- A. Both conclusions (I) and (II) follow. ✓
B. Only conclusion (II) follows.
C. Only conclusion (I) follows.
D. Neither conclusion (I) nor (II) follows.

Q55 General Intelligence & Reasoning

In a certain code language,

A \$ B means 'A is the mother of B'

A + B means 'A is the brother of B'

A @ B means 'A is the wife of B'

A ÷ B means 'A is the father of B'

Based on the above, how is E related to N if 'E \$ F + G ÷ M @ N'?

- A. Wife's father's mother ✓
B. Wife's father
C. Father's mother
D. Wife's father's sister



Q56 General Intelligence & Reasoning

NMOK is related to QHRF in a certain way based on the English alphabetical order. In the same way, TCUA is related to WXXV. To which of the following is ZSAQ related, following the same logic?

A. DOCK

B. CNDL



C. DNEM

D. BMFG

Q57 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. MFO

B. JCL

C. PIR

D. HAI

**Q58 General Intelligence & Reasoning**

Seven boxes A, B, C, D, E, F and G are kept one over the other but not necessarily in the same order. No box is kept above F. Only three boxes are kept between F and E. Only one box is kept between C and A. A is kept immediately above E. Only four boxes are kept between C and B. D is kept at some place above G. How many boxes are kept between F and G?

A. 4



B. 3

C. 2

D. 1

Q59 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. KSM

B. QYR



C. HPJ

D. NVP

Q60 General Intelligence & Reasoning

What will come in place of the question mark (?) in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged?

$$100 \times 4 + 11 \div 2 - 18 = ?$$

A. 15

B. 21



C. 27

D. 36

General Awareness

40 Questions • Answer Key

Q61 General Awareness

Bori, which is considered to be the first Lower Palaeolithic site, is in which of the following states of India?

A. Gujarat

B. Arunachal Pradesh

C. Tamil Nadu

D. Maharashtra

**Q62 General Awareness**

Which Indian non-profit, profiled by IEEE Spectrum (December 2024), built AI models to predict adverse TB outcomes?

A. Wadhvani AI



B. PATH India

C. Piramal Swasthya

D. e-VIN



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Q63 General Awareness

Which Act ended the monopoly of the East India Company over trade with India?

- A. Pitt's India Act of 1784
- B. Regulating Act of 1773
- C. Charter Act of 1833
- D. Charter Act of 1813

**Q64 General Awareness**

Which of the following is an example of globalisation in India post-1991?

- A. Closure of ports
- B. Entry of multinational companies like Amazon and Apple
- C. Nationalisation of major private banks
- D. Licensing requirement for all businesses

**Q65 General Awareness**

Which of the following options is used to change the system settings in MS Windows?

- A. Task Manager
- B. File Explorer
- C. Command Prompt
- D. Control Panel

**Q66 General Awareness**

Which of these elements is NOT part of the standard Windows 7 desktop?

- A. Taskbar
- B. Notification Area
- C. Start Button
- D. Control Panel

**Q67 General Awareness**

During the 1857 Revolt, Indian sepoy declared which of the following as their symbolic leader?

- A. Tantia Tope
- B. Bahadur Shah II
- C. Nana Saheb
- D. Rani Lakshmibai

**Q68 General Awareness**

Which of the following energy sources remained the dominant contributor to India's renewable energy growth, accounting for 47% of the total installed renewable energy capacity in 2024?

- A. Wind Power
- B. Bio-Power
- C. Solar Power
- D. Small Hydro Power

**Q69 General Awareness**

Which method is employed in the refining of petroleum to separate crude oil from high boiling point fractions like lubricating oils?

- A. Fractional distillation
- B. Rotary sublimation
- C. Vacuum filtration
- D. Differential extraction

**Q70 General Awareness**

Which State government launched a cryogenic facility to preserve endangered plant species in February 2025?

- A. Karnataka
- B. Telangana
- C. Tamil Nadu
- D. Kerala

**Q71 General Awareness**

Gender disparities significantly affect human development outcomes. Which of the following indicators is NOT part of the Gender Inequality Index (GII)?

- A. Political representation
- B. Maternal mortality
- C. Labour force participation
- D. Food consumption



Q72 General Awareness

Under Article 254(2) of the Indian Constitution, a State law repugnant to a Central law can prevail in the State only if:

- A. it is published in the State Gazette after legislative approval
- B. it is certified by the Governor as necessary for public welfare
- C. it is passed by a special majority in the State Legislature
- D. it is reserved for the President's consideration and gets his assent ✓

Q73 General Awareness

Who among the following scientists is credited with the development of the modern Periodic Law?

- A. J.J. Thomson
- B. Dmitri Mendeleev ✓
- C. John Dalton
- D. Ernest Rutherford

Q74 General Awareness

Union Cabinet approved PM-Surya Ghar: Muft Bijli Yojana in 2024, to provide subsidy for the installation of rooftop solar in how many households across India?

- A. One crore ✓
- B. Two crore
- C. Three crore
- D. Four crore

Q75 General Awareness

Where was the 6th summit of the Bay of Bengal Initiative for Multi-Sectoral Technical and Economic Cooperation (BIMSTEC) held on 4 April 2025?

- A. Dhaka
- B. New Delhi
- C. Colombo
- D. Bangkok ✓

Q76 General Awareness

Researchers from which Indian institute developed an advanced agricultural robot designed to detect plant diseases and apply pesticides precisely?

- A. Indian Institute of Technology Bombay (IIT-B)
- B. Indian Institute of Technology Delhi (IIT-D)
- C. Indian Institute of Technology Madras (IIT-M)
- D. Indian Institute of Technology Kharagpur (IIT-KGP) ✓

Q77 General Awareness

At the 8th Indian Ocean Conference held in Muscat on 16-17 February 2025, which theme was unveiled to enhance maritime partnerships among member nations?

- A. Strengthening Maritime Alliances
- B. Voyage to New Horizons of Maritime Partnership ✓
- C. Bridging Oceans: A New Era
- D. Navigating New Waters

Q78 General Awareness

Which country topped the World Press Freedom Index, 2025, released by Reporters Without Borders (RSF)?

- A. Sweden
- B. Denmark
- C. Norway ✓
- D. Finland

Q79 General Awareness

What was one of the key effects of globalisation on the Indian economy after 1991?

- A. Entry of foreign companies and capital ✓
- B. Decrease in exports
- C. Closure of Indian banks
- D. Reduction in foreign exchange reserves

Q80 General Awareness

Which of the following mountain ranges belongs to the Peninsular Plateau?

- A. Ajanta range ✓
- B. Karakoram range
- C. Zaskar range
- D. Shivalik range



Q81 General Awareness

What is self-induction?

- A. Induction of EMF in one coil due to a current in a nearby coil
- B. Induction of EMF in a coil due to motion in a magnetic field
- C. Induction of EMF in a coil due to a change in its own current ✓
- D. Generation of current in a coil due to temperature changes

Q82 General Awareness

Which of the following places is most likely to experience an equable climate with minimal seasonal variation due to its proximity to the sea?

- A. Bhopal
- B. Delhi
- C. Mumbai ✓
- D. Amritsar

Q83 General Awareness

Who is the Director General of Sashastra Seema Bal (SSB) as of May 2025?

- A. Somit Joshi
- B. Anupama Nilekar Chandra
- C. Amrit Mohan Prasad ✓
- D. Daljit Singh Chaudhary

Q84 General Awareness

Which Indian institute was officially notified as an 'Institution Deemed to be University' by the Union Ministry of Education?

- A. Indian Institute of Mass Communication (IIMC), New Delhi
- B. National School of Drama (NSD), Delhi
- C. K R Narayanan National Institute of Visual Science and Arts, Kerala
- D. Film and Television Institute of India (FTII), Pune ✓

Q85 General Awareness

Which tunnel was inaugurated by Prime Minister Narendra Modi in Jammu and Kashmir on 13 January 2025?

- A. Nandni tunnel
- B. Chenani-Nashri tunnel
- C. Sonamarg tunnel ✓
- D. Banihal Qazigund tunnel

Q86 General Awareness

During the Mauryan period, the village headman in North India was known by ____.

- A. Gramika ✓
- B. Gavunda
- C. Mununda
- D. Pattakila

Q87 General Awareness

The Priest-King statue from Mohenjo-daro, a famous stone sculpture, is predominantly made of which of the following substances?

- A. Bronze
- B. Limestone
- C. Steatite ✓
- D. Terracotta

Q88 General Awareness

The Kherwar movement was led by which charismatic leader?

- A. Tilka Manjhi
- B. Birsa Munda
- C. Sidhu Murmu
- D. Bhagirath Manjhi ✓

Q89 General Awareness

Lakhwar Multipurpose Project belongs to which state?

- A. Uttarakhand ✓
- B. Rajasthan
- C. Uttar Pradesh
- D. Madhya Pradesh

Q90 General Awareness

As announced on 30 April 2025, what major decision did the Indian Cabinet take regarding the upcoming decennial census?

- A. To conduct the first ever digital-only census
- B. To eliminate caste data collection
- C. To postpone the census indefinitely
- D. To include a caste-based enumeration in the next census ✓



Q91 General Awareness

Under Article 5 of the Indian Constitution, which of the following is NOT required for a person to be considered a citizen at the commencement of the Constitution?

- A. Having domicile in the territory of India
- B. Having at least one parent born in India
- C. Holding an Indian passport ✓
- D. Being born in India

Q92 General Awareness

Employment generation became a focus in later Five-Year Plans. Which Five-Year Plan introduced the Integrated Rural Development Programme (IRDP)?

- A. Seventh Plan
- B. Fifth Plan
- C. Sixth Plan ✓
- D. Fourth Plan

Q93 General Awareness

Who hosted the 6th BIMTEC Summit in April 2025?

- A. Thailand ✓
- B. Bhutan
- C. Indonesia
- D. Sri Lanka

Q94 General Awareness

Which of the four Vedas is traditionally paired with the Upaveda known as Gandharvaveda?

- A. Rigveda
- B. Atharvaveda
- C. Samaveda ✓
- D. Yajurveda

Q95 General Awareness

Which Union Territory of India is located in the Arabian Sea?

- A. Lakshadweep ✓
- B. Chandigarh
- C. Andaman and Nicobar Islands
- D. Puducherry

Q96 General Awareness

Which of the following Articles of the Constitution of India empowers the President to declare Scheduled Areas?

- A. Article 370
- B. Article 338
- C. Article 146
- D. Article 244 ✓

Q97 General Awareness

Which Constitutional Amendment removed the Right to Property from the list of Fundamental Rights in India?

- A. 73rd Amendment Act, 1992
- B. 52nd Amendment Act, 1985
- C. 44th Amendment Act, 1978 ✓
- D. 42nd Amendment Act, 1976

Q98 General Awareness

Who among the following led the official media briefing on India's Operation Sindoor in May 2025?

- A. Foreign Secretary Vikram Misri and Defence Minister Rajnath Singh
- B. Colonel Sofiya Qureshi and Wing Commander Vyomika Singh ✓
- C. Lt Gen Rajiv Ghai and Commodore Raghu R Nair
- D. General Anil Chauhan and Air Marshal AK Bharti

Q99 General Awareness

Which of the following states hosted the 7th edition of the Khelo India Youth Games in May 2025 along with New Delhi?

- A. Maharashtra
- B. Karnataka
- C. Bihar ✓
- D. Gujarat

Q100 General Awareness

What is the primary function of the Public Accounts Committee (PAC) of the Indian Parliament?

- A. To review CAG audit reports ✓
- B. To recommend the Union Budget
- C. To evaluate government schemes
- D. To assist in the election of the Speaker



Mathematics

30 Questions • Answer Key

Q1 Mathematics

If the third proportional of 50 and 30 is x , then what is the value of x ?

A. 21

B. 18



C. 15

D. 20

Q2 Mathematics

A woman travels 488 km at 61 km/hr, a second distance of 468 km at 78 km/hr and a third distance of 210 km at 35 km/hr. Find her average speed for the whole journey (in km/hr).

A. 68.8

B. 58.3



C. 61.1

D. 59.7

Q3 Mathematics

In $\triangle ABC$, $BD \perp AC$ at D and $\angle DBC = 60^\circ$. E is a point on BC such that $\angle CAE = 49^\circ$. What is the measure of $\angle AEB$?

A. 87° B. 85° C. 80° D. 79° 

Q4 Mathematics

The sum of five numbers is 655. The average of the first two numbers is 80 and the third number is 108. Find the average of the remaining two numbers.

A. 194.5

B. 193.5



C. 189

D. 188

Q5 Mathematics

If 3 times Mary's present age is 22 years more than 5 times Dia's present age, and 3 times Dia's present age is 2 years less than Mary's present age, then what is the difference (in years) between the ages of Mary and Dia?

A. 10



B. 13

C. 7

D. 15

Q6 Mathematics

The sides of a triangle are 72 cm, 90 cm, and 54 cm. What is its area? (in cm^2)

A. 1973

B. 1912

C. 1954

D. 1944



Q7 Mathematics

The LCM of the numbers 4.7 and 0.04 is:

A. 0.094

B. 94

C. 9.4



D. 0.94

Q8 Mathematics

The cost of 10 pens and 3 pencils is ₹129. If the cost of a pen decreases by ₹6 and the cost of a pencil increases by ₹9, then the cost of 8 pens and 2 pencils is ₹72. What is the original cost of 9 pens and 16 pencils?

A. ₹161

B. ₹160

C. ₹156



D. ₹155



Q9 Mathematics

A book has a marked price of ₹500. During a festive sale, it is sold at a 10% discount. What is the amount of discount given?

A. ₹45

B. ₹40

C. ₹60

D. ₹50

**Q10 Mathematics**

Neha, Rajat, and Avinash invest ₹1,430, ₹1,680, and ₹1,340, respectively, to start a business. If the profit at the end of the year is ₹1,780, then what is the share of Avinash in the profit?

A. ₹536



B. ₹537

C. ₹533

D. ₹538

Q11 Mathematics

The value of $67 - 9 \times [4 + 3 \times \{16 - 8(6 - 5) \times 2\} \div 32]$ is:

A. 47

B. 40

C. 25

D. 31

**Q12 Mathematics**

The H.C.F. and the L.C.M. of two numbers are 11 and 440, respectively. If one of the numbers is 55, find the other one.

A. 70

B. 14

C. 88



D. 10

Q13 Mathematics

Find the simple interest (in ₹) on ₹1,200 at an interest rate of 3% per month in 4 months.

A. 12

B. 24

C. 32

D. 144

**Q14 Mathematics**

The income of Raman is ₹91,700. He saves 25% of his income. If his income increases by 27% and expenditure increases by 40%, then his savings will:

A. decrease by ₹2,753

B. increase by ₹2,753

C. decrease by ₹2,751



D. increase by ₹2,754

Q15 Mathematics

If the radius of a sphere is increased to twelve times its original radius, then by how many times does its surface area increase?

A. 64

B. 144



C. 128

D. 164

Q16 Mathematics

The average weight of Rupesh, Mandar and Ketan is 45 kg. If the average weight of Rupesh and Mandar is 43 kg and that of Mandar and Ketan is 49 kg, then the weight of Mandar (in kg) is:

A. 49



B. 59

C. 69

D. 64

Q17 Mathematics

A man walks to a viewpoint and returns to the starting point by his car maintaining constant speed and thus takes a total time of 4 hours 30 minutes. He would have gained 2 hours by driving both ways. How long would it have taken for him to walk both ways with same walking speed?

A. 5 hours 15 minutes

B. 6 hours 45 minutes

C. 7 hours 30 minutes

D. 6 hours 30 minutes



Q18 Mathematics

Abdul and Mohsin together invested ₹79,200 in a business. At the end of the year, out of a total profit of ₹14,400, Mohsin's share was ₹2,600. What was the difference between their investments?

A. ₹49,800

B. ₹52,000

C. ₹51,400

D. ₹50,600

Q19 Mathematics

An article listed at ₹500 is sold at successive discounts of 10% and 14%. The buyer wants to sell it at a profit of 15% after offering a 10% discount. What should be his list price (in ₹)?

A. 494.50

B. 474

C. 484.50

D. 485

Q20 Mathematics

By how much is 65% of 75 greater than $\frac{3}{5}$ of 25?

A. 33.75

B. 31.75

C. 30.75

D. 27.75

Q21 Mathematics

Simplify the following.

$$2\left(\left(\frac{5}{2}\right)x^2 - 28x + 17\right) - 5(x^2 + 6x - 18)$$

A. $86x + 124$

B. $-86x + 124$

C. $86x - 124$

D. $-86x - 124$

Q22 Mathematics

If $\operatorname{cosec} \theta + \sin \theta = 2$, then find the value of $\operatorname{cosec}^6 \theta + \sin^6 \theta$.

A. 2

B. $\frac{1}{2}$

C. 1

D. 3



Q23 Mathematics

Shifa can do a certain piece of work in 30 days. Shifa and Afiya can together do the same work in 18 days, and Shifa, Afiya and Mariyam can do the same work together in 9 days. In how many days can Shifa and Mariyam do the same work?

A. $\frac{40}{5}$

B. $\frac{53}{6}$

C. $\frac{37}{4}$

D. $\frac{45}{4}$ ✓

Q24 Mathematics

Manisha bought a toy for ₹849, decorated it at a cost of ₹6 and sold the toy for ₹441. Find the loss or profit percentage.

A. $\frac{920}{19}\%$ profit

B. $\frac{920}{19}\%$ loss ✓

C. $\frac{930}{19}\%$ profit

D. 920 % loss

Q25 Mathematics

Pipe A can fill a tank in 17 hours, pipe B can fill the same tank in 24 hours and pipe C can fill the same tank in 18 hours. The time taken by them to fill the same tank if they operate together is::

A. $13\frac{78}{191}$ hours

B. $16\frac{78}{191}$ hours

C. $6\frac{78}{191}$ hours ✓

D. $10\frac{78}{191}$ hours



Q26 Mathematics

The value of $2^3 - 3^2 + \left(\frac{2}{2}\right)^2 - 2 + 4 \times 7 =$ _____.

A. 31

B. 28

C. 26



D. 35

Q27 Mathematics

The value of $\sqrt{169} + \sqrt{0.0196} - \sqrt{4.41}$ is _____.

A. 6.17

B. 4.52

C. 11.04



D. 5.64

Q28 Mathematics

A trader claims to sell pulses at a profit of 48%, but also dishonestly uses a weight which is 12% less than what is mentioned on it. Find the total percentage of profit earned by the trader. (Round off the answer to the nearest whole number.)

A. 68%



B. 63%

C. 71%

D. 72%

Q29 Mathematics

The simple interest on a certain sum for $9\frac{1}{2}$ years at the rate of 5.9% per annum is ₹6,726.

What will be the amount payable on the same sum at the rate of 5.6% per annum simple interest in $3\frac{1}{7}$ years?

A. ₹14,104

B. ₹14,112



C. ₹14,100

D. ₹14,095

Q30 Mathematics

The value of $2^2 + \sqrt{5^2} - 3\sqrt{25} - 10$ is

A. -7

B. -8

C. -10

D. -16



Q31 General Intelligence & Reasoning

Town T is to the west of Town S. Town U is to the south of Town T. Town V is to the west of Town U. Town W is to the south of Town V. Town X is to the west of Town W. What is the position of Town X with respect to Town S?

- A. Northwest
- B. Southwest ☒
- C. Northeast
- D. Southeast

Q32 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series?

154 181 208 ? 262 289

- A. 228
- B. 260
- C. 242
- D. 235 ☒

Q33 General Intelligence & Reasoning

Raj ranked 35th from the top and 27th from the bottom in his class. How many students are there in his class?

- A. 60
- B. 62
- C. 61 ☒
- D. 63

Q34 General Intelligence & Reasoning

If 1 is added to each even digit and 2 is subtracted from each odd digit in the number 4562734, what will be difference between the highest and lowest digits in the number thus formed?

- A. 6 ☒
- B. 5
- C. 7
- D. 4

Q35 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

- A. QU-XS
- B. AE-HC
- C. KO-RN ☒
- D. NR-UP

Q36 General Intelligence & Reasoning

This question is based on five, four-digit numbers given below.

(Left) 4138 2345 6367 5353 1276 (Right)

(Example: 6975 – First digit = 6, second digit = 9, third digit = 7 and fourth digit = 5)

(NOTE: All operations to be done from left to right.)

What will be the resultant if the second digit of the second largest number is multiplied to the second digit of the largest number?

- A. 7
- B. 9 ☒
- C. 6
- D. 5

Q37 General Intelligence & Reasoning

Each of the digits in the number 67849315 is arranged in ascending order from left to right. What will be the sum of the digits which are second from the left and third from the right in the new number thus formed?

- A. 11
- B. 10 ☒
- C. 9
- D. 7



Q38 General Intelligence & Reasoning

Karan, Shiv, Ritu, Himani, Gunjan and Pari are sitting in a straight line, facing north. Karan sits third to the left of Himani. Himani sits second from the right end. Pari sits to the immediate left of Gunjan. Shiv does not sit next to Karan. Who sits second to the right of Gunjan?

- A. Shiv
- B. Ritu
- C. Karan
- D. Himani

**Q39 General Intelligence & Reasoning**

Mr. Toni ranked 94th from the bottom and 65th from the top in his class. How many students are there in his class?

- A. 157
- B. 159
- C. 156
- D. 158

**Q40 General Intelligence & Reasoning**

In a certain code language,
'A ¥ B' means 'A is the father of B',
'A # B' means 'A is the brother of B',
'A % B' means 'A is the son of B' and
'A = B' means 'A is the wife of B'.

How is A related to D if 'A = S # G % E ¥ D'?

- A. Sister's son
- B. Sister's brother
- C. Brother's wife
- D. Brother's son

**Q41 General Intelligence & Reasoning**

Seven people, I, J, K, L, M, N and O, are sitting in a row, facing north. Only two people sit to the left of K. Only three people sit between K and L. Only one person sits between L and J. N sits to the immediate left of I. M is not an immediate neighbour of L. How many people sit to the right of O?

- A. Four
- B. Two
- C. Three
- D. One

**Q42 General Intelligence & Reasoning**

Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

LSP 15 OOO 12 RKN 9 UGM 6 ?

- A. DLV 4
- B. XLC 7
- C. DSR 9
- D. XCL 3

**Q43 General Intelligence & Reasoning**

HLOY is related to KNRA in a certain way based on the English alphabetical order. In the same way, TTAG is related to WVDI. To which of the given options is CZJM related, following the same logic?

- A. FBOM
- B. FOMB
- C. FMOB
- D. FBMO

**Q44 General Intelligence & Reasoning**

Seven boxes F, G, H, M, N, O and P are kept one over the other but not necessarily in the same order. O is kept immediately above F. G is kept immediately above M. Only P is kept above N. Only two boxes are kept above O. G is not kept at third position from the bottom. How many boxes are kept between H and P?

- A. Three
- B. One
- C. Two
- D. Four

**Q45 General Intelligence & Reasoning**

In the following triads, each group of letters is related to the subsequent one following a certain logic. Select from the given options, the one which follows the same logic.

CURD - RCUD - DRUC
KIDS - DKIS - SDIK

- A. SLAY - ASLY - LAYS
- B. PEAT - EPAT - TEAP
- C. WASH - SWAH - HSAW
- D. TEAM - TAEM - MAET



Q46 General Intelligence & Reasoning

Riya starts from Point P and drives 8 km towards the south. Then she takes a right turn, drives 11 km, she turns right again and drives 14 km. She then takes a right turn and drives 15 km. Then she takes left turn and drives 2 km, she takes a left turn again and drives 4 km and stops at Point Q. How far (shortest distance) and towards which direction should she drive in order to reach Point P again? (All turns are 90-degree turns only unless specified.)

A. 8 km towards the south



B. 4 km towards the north

C. 6 km towards the north

D. 4 km towards the south

Q47 General Intelligence & Reasoning

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

All gardens are forests.
All forests are meadows.

Conclusions:

(I) All gardens are meadows.
(II) All meadows are forests.

A. Only conclusion (I) follows.



B. Both conclusions (I) and (II) follow.

C. Only conclusion (II) follows.

D. Neither conclusion (I) nor (II) follows.

Q48 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series?

561 560 562 561 563 562 564 ?

A. 563



B. 564

C. 562

D. 565

Q49 General Intelligence & Reasoning

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.

Statements: All forks are spoons. Some forks are caps.

Conclusions (I): Some spoons are caps.

Conclusions (II): All caps are forks.

A. Only conclusion (I) follows.



B. Only conclusion (II) follows.

C. Neither conclusion (I) nor (II) follows.

D. Both conclusions (I) and (II) follow.

Q50 General Intelligence & Reasoning

RBNH is related to LVHB in a certain way based on the English alphabetical order. In the same way, TDPJ is related to NXJD. To which of the given options is BLXR related, following the same logic?

A. VFRL



B. VRFL

C. VLRF

D. VFLR

Q51 General Intelligence & Reasoning

Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(Note: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g., 13 – Operations on 13 such as adding/subtracting/multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(48, 26, 15)

(88, 46, 25)

A. (12, 6, 7)

B. (24, 14, 9)



C. (36, 20, 8)

D. (58, 34, 19)



Q52 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series?

19 42 78 122 179 ?

A. 204

B. 234

C. 244



D. 243

Q53 General Intelligence & Reasoning

In a certain code language, 'LOAD' is coded as '5364' and 'GOLD' is coded as '4136'. What is the code for 'G' in the given code language?

A. 4

B. 1



C. 6

D. 3

Q54 General Intelligence & Reasoning

Refer to the following number, symbol series and answer the question that follow. Counting to be done from left to right only.

(Left) 6 \ & > 3 @ 8 * & @ 7 1 ^ @ 4 ? \ ? 4 5 < (Right)

How many such numbers are there each of which is immediately preceded by a symbol and also immediately followed by a symbol?

A. Four

B. Three



C. One

D. Two

Q55 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group? (Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. QLS

B. KFM

C. TOV

D. NIO

**Q56 General Intelligence & Reasoning**

If 'A' stands for '+', 'B' stands for 'x', 'C' stands for '+' and 'D' stands for '-', then what will come in place of the question mark (?) in the following equation?

32 B 5 C 63 B 5 D 89 C 9 A 9 D 7 = ?

A. 293

B. 380



C. 308

D. 349

Q57 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster pair.)

A. FJ-MQ

B. IM-PT

C. MQ-TX

D. KO-RW

**Q58 General Intelligence & Reasoning**

In a certain code language, 'DONT' is coded as '1097' and 'NATO' is coded as '0187'. What is the code for 'A' in the given code language?

A. 1

B. 0

C. 7

D. 8

**Q59 General Intelligence & Reasoning**

What should come in place of the question mark (?) in the given series based on the English alphabetical order?

USR ROT OKV LGX ?

A. LKX

B. IDS

C. JWZ

D. ICZ



Q60 General Intelligence & Reasoning

What will come in place of the question mark (?) in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged?

$$14 \div 4 + 78 \times 13 - 13 = ?$$

A. 63



B. 65

C. 55

D. 58

General Awareness

40 Questions • Answer Key

Q61 General Awareness

Who is the 52nd Chief Justice of India?

A. Justice Sanjiv Khanna

B. Justice DY Chandrachud

C. Justice NV Ramana

D. Justice BR Gavai

**Q62 General Awareness**

Which novel earned Percival Everett the Pulitzer Prize for Fiction in 2025?

A. The Trees

B. Glyph

C. James



D. Erasure

Q63 General Awareness

Which of the following plateaus lies between the Western Ghats and Eastern Ghats?

A. Malwa Plateau

B. Deccan Plateau



C. Chhota Nagpur Plateau

D. Meghalaya Plateau

Q64 General Awareness

Which of the following Defence Public Sector Undertakings (DPSUs) were granted 'Miniratna' Category-I status by Defence Minister Rajnath Singh in May 2025?

A. Bharat Dynamics Limited (BDL)

B. Hindustan Aeronautics Limited (HAL)

C. Bharat Electronics Limited (BEL)

D. Munitions India Limited (MIL)

**Q65 General Awareness**

In which year did India officially start economic liberalisation?

A. 1995

B. 1991



C. 1985

D. 2000

Q66 General Awareness

What pigment do petunias have that gives them a reddish-purple colour in an acidic environment (low pH)?

A. Betalains

B. Lycopene

C. Carotenes

D. Anthocyanins

**Q67 General Awareness**

Which of the following is the first African country to sign the International Solar Alliance (ISA) in April 2025?

A. Egypt

B. Lesotho

C. Mauritius



D. Senegal

Q68 General Awareness

President Droupadi Murmu conferred how many Kirti Chakras, including four posthumous, during Phase-I of the Defence Investiture Ceremony 2025 in May 2025?

A. Twelve

B. Fifteen

C. Six



D. Nine



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Q69 General Awareness

In India, Red Bull India Private Limited (RBIL) has imported and sold Red Bull Energy Drink and its variants since _____.

A. 2007



B. 2005

C. 2000

D. 2002

Q70 General Awareness

As of June 2025, how many languages are listed in the Eighth Schedule of the Indian Constitution?

A. 24

B. 18

C. 14

D. 22

**Q71 General Awareness**

In which of the following institutes was 'Shri S. Ramakrishnan Centre of Excellence in Fluid and Thermal Science Research' launched in March 2025?

A. Indian Institute of Technology, Delhi

B. Indian Institute of Technology, Bombay

C. Indian Institute of Technology, Kanpur

D. Indian Institute of Technology, Madras

**Q72 General Awareness**

Which of the following is a major difference between planted and natural vegetation?

A. Place of origin

B. Human supervision involved



C. Presence of fruits

D. Number of leaves

Q73 General Awareness

Which mineral helps in the formation of insulin granules, digestion, metabolism and functioning of the male prostate?

A. Nickel

B. Phosphorus

C. Iron

D. Zinc

**Q74 General Awareness**

Which of the following officers managed stores and the supply of weapons like spears and swords during the Gupta period?

A. Ranabhandagarika



B. Kumaramatyia

C. Mahadandanayaka

D. Sandhivigrahika

Q75 General Awareness

Which organisation unveiled the strategic report titled 'Designing a Policy for Medium Enterprises' emphasising their role in India's development?

A. Confederation of Indian Industry (CII)

B. NITI Aayog



C. Ministry of MSME

D. Reserve Bank of India

Q76 General Awareness

Tuhin Kanta Pandey succeeded whom as the chairman of the Securities and Exchange Board of India (SEBI) in March 2025?

A. Ajay Tyagi

B. Madhabi Puri Buch



C. CB Bhavé

D. UK Sinha

Q77 General Awareness

Which two places are in the news due to the approval of Greenfield airports for better connectivity by the Central Government on 5 May 2025?

A. Pakyong and Kalaburagi

B. Navi Mumbai and Itanagar

C. Kota and Puri



D. Shirdi and Kannur

Q78 General Awareness

The Non-cooperation Movement in 1920 included all the following, EXCEPT:

A. closure of schools and colleges

B. violent attacks on officials



C. boycott of British courts

D. refusal to pay taxes



Q79 General Awareness

Why is the net sown area low in hilly states like Himachal Pradesh and Uttarakhand?

- A. Due to frequent floods
- B. Due to urban expansion
- C. Because of steep slopes and thin soil layers ✓
- D. Because of poor soil fertility

Q80 General Awareness

What is the main function of carbohydrates in the body?

- A. It is crucial for growth.
- B. It regulates hormones.
- C. It provides energy. ✓
- D. It insulates the body.

Q81 General Awareness

Which one of the following Sustainable Development Goals (SDGs) aims to ensure access to affordable, reliable, sustainable and modern energy for all?

- A. Goal 5
- B. Goal 10
- C. Goal 12
- D. Goal 7 ✓

Q82 General Awareness

In 2025, the Central government selected which of the following start-ups to build India's first indigenous artificial intelligence (AI) large language model (LLM)?

- A. Sarvana
- B. Sarvshresht
- C. Srijan
- D. Sarvam ✓

Q83 General Awareness

What does the abbreviation 'MAN' stand for in computer networking?

- A. Metropolitan Area Network ✓
- B. Main Access Node
- C. Mobile Area Network
- D. Medium Access Network

Q84 General Awareness

Who is the director of the Indian entry at the 78th Cannes Film Festival named 'Homebound', starring Janhvi Kapoor, Ishaan Khatter and Vishal Jethwa?

- A. Karan Johar
- B. Anurag Kashyap
- C. Anurag Basu
- D. Neeraj Ghaywan ✓

Q85 General Awareness

Which of the following states was NOT formed through the State Reorganisation Act of 1956?

- A. Rajasthan State
- B. Goa State ✓
- C. Bombay State
- D. Mysore State

Q86 General Awareness

Which of the following states of India has Konkani as a prominently spoken language?

- A. Goa ✓
- B. Tripura
- C. Arunachal Pradesh
- D. Assam

Q87 General Awareness

Which Article of the Indian Constitution deals with the distribution of legislative powers between the Union and the States?

- A. Article 368
- B. Article 240
- C. Article 280
- D. Article 246 ✓

Q88 General Awareness

Which reformer is known for his efforts to promote widow remarriage and women's education in Bengal?

- A. Debendranath Tagore
- B. Swami Vivekananda
- C. Keshab Chandra Sen
- D. Ishwar Chandra Vidyasagar ✓



Q89 General Awareness

The Lower Palaeolithic period in India, including the Acheulian phase, spans approximately how many years BP?

A. 6,00,000–1,50,000 years BP



B. 1,00,000–10,000 years BP

C. 1,65,000–31,000 years BP

D. 40,000–12,000 years

Q90 General Awareness

Which of the following organisations oversees the Kutiyattam Kendra located in Thiruvananthapuram, Kerala, India?

A. Kerala Tourism Department

B. Ministry of Culture



C. UNESCO

D. Ministry of Education

Q91 General Awareness

What is the main aim of globalisation?

A. Reduce employment

B. Limit foreign trade

C. Integrate the Indian economy with the world



D. Increase local production

Q92 General Awareness

Select the right bank tributary of the Indus River system.

A. Chenab River

B. Jhelum River

C. Ravi River

D. Kabul River

**Q93 General Awareness**

Which of the following Indian space missions captured its first image of a solar flare in February 2025?

A. Aditya-L1



B. Chandrayaan-3

C. Mangalyaan-2

D. AstroSat

Q94 General Awareness

Which Article of the Indian Constitution directs the State for promotion of cottage industries in rural areas?

A. Article 36

B. Article 43



C. Article 41

D. Article 55

Q95 General Awareness

In 1947, the Indian economy was marked by deep poverty. Which sector dominated the Indian economy at the time of independence?

A. Services sector

B. Industrial sector

C. Agricultural sector



D. Manufacturing sector

Q96 General Awareness

Who organises Lok Adalats in India?

A. Bar Council of India

B. Advocate General of State

C. National and State Legal Services Authorities



D. Law Commission of India

Q97 General Awareness

According to an official report released in April 2025, AI-based real-time forest monitoring system has been implemented for the first time in which state sensitive forest divisions?

A. Gujarat

B. Odisha

C. Madhya Pradesh



D. Assam

Q98 General Awareness

What does the term 'net sown area' refer to?

A. Land left uncultivated for more than five years

B. Total area under irrigation

C. Land covered with forests

D. Total area cultivated with crops during the year



Q99 General Awareness

Which of the following is a primary memory of a computer?

A. CD-ROM

B. RAM



C. Hard Disk

D. Floppy Disk

Q100 General Awareness

Which of the following Articles of the Indian Constitution provides for the power of the President to specify the Scheduled Tribes under the Constitution?

A. Article 343

B. Article 336

C. Article 342



D. Article 340



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Mathematics

30 Questions • Answer Key

Q1 Mathematics

A man walks to a viewpoint and returns to the starting point by his car maintaining constant speed and thus takes a total time of 7 hours 45 minutes. He would have gained 6 hours by driving both ways. How long would it have taken for him to walk both ways with same walking speed?

- A. 12 hours 45 minutes
- B. 14 hours 15 minutes
- C. 13 hours 30 minutes
- D. 13 hours 45 minutes



Q2 Mathematics

Simplify: $x(3x - 6) + 4(x^2 - 5) + 15$

- A. $7x^2 - 6x + 5$
- B. $-7x^2 - 6x - 5$
- C. $-7x^2 - 6x + 5$
- D. $7x^2 - 6x - 5$



Q3 Mathematics

The marks scored by 10 students are given below.

10, 13, 17, 11, 11, 13, 14, 16, 13, 13

The mode of the data is:

- A. 10
- B. 11
- C. 17
- D. 13



Q4 Mathematics

₹13,700 were divided among A, B and C such that 4 times the share of A = 7 times the share of B = 2 times the share of C. Find the share of A.

- A. ₹3,664
- B. ₹3,921
- C. ₹3,836
- D. ₹3,988



Q5 Mathematics

A woman travels 432 km at 72 km/hr, a second distance of 275 km at 55 km/hr and a third distance of 680 km at 85 km/hr. Find her average speed for the whole journey (in km/hr).

- A. 66
- B. 76
- C. 80
- D. 73



Q6 Mathematics

An amount of ₹432 is divided among three persons in the ratio of 5 : 14 : 17. The difference between the largest and the smallest shares (in ₹) in the distribution is:

- A. 132
- B. 62
- C. 178
- D. 144



Q7 Mathematics

The H.C.F. and the L.C.M. of two numbers are 2 and 410, respectively. If one of the numbers is 82, find the other one.

- A. 93
- B. 54
- C. 11
- D. 10



Q8 Mathematics

The product of two consecutive natural numbers is 272. The greater of the two numbers is:

- A. 28
- B. 9
- C. 17
- D. 36



Q9 Mathematics

Find the mean proportional between 15 and 240.

A. 57

B. 60



C. 63

D. 58

Q10 Mathematics

The LCM of the numbers 2.8 and 0.217 is:

A. 0.868

B. 868

C. 86.8



D. 8.68

Q11 Mathematics

4 years ago, the age of a father was 33 years more than twice his son's age. After how many years, from now, will he be twice his son's age?

A. 25

B. 28

C. 29



D. 34

Q12 Mathematics

The H.C.F. and the L.C.M. of two numbers are 28 and 840, respectively. If one of the numbers is 168, find the other one.

A. 196

B. 140



C. 112

D. 84

Q13 Mathematics

Find the simple interest (in ₹) if a sum of ₹400 is borrowed for 5.5 years at 8% per annum rate of interest.

A. 226

B. 276

C. 156

D. 176

**Q14 Mathematics**

Evaluate 34^2 .

A. 1156



B. 1186

C. 1176

D. 1166

Q15 Mathematics

The average of first 157 even numbers is

A. 157.5

B. 159

C. 158



D. 158.5

Q16 Mathematics

In $\triangle ABC$, $BD \perp AC$ at D and $\angle DBC = 63^\circ$. E is a point on BC such that $\angle CAE = 76^\circ$. What is the measure of $\angle AEB$?

A. 91°

B. 96°

C. 105°

D. 103°

**Q17 Mathematics**

The income of Raman is ₹34,000. He saves 28% of his income. If his income increases by 11% and expenditure increases by 30%, then his savings will:

A. increase by ₹3,644

B. decrease by ₹5,649

C. decrease by ₹3,604



D. increase by ₹5,639

Q18 Mathematics

A kurta is marked for ₹750 and sold for ₹660. The rate of discount is:

A. 15%

B. 12%



C. 20%

D. 14%



Q19 Mathematics

The sides of a triangle are 72 cm, 97 cm, and 65 cm. What is its area? (in cm^2)

A. 2378

B. 2355

C. 2340



D. 2323

Q20 Mathematics

A wholesaler increases the cost price of an item by 90% while marking it. He then offers a 60% discount on this marked price but finds that he incurs a loss. If the wholesaler wants to achieve no profit and no loss, by what percentage should he change the selling price of the item? (Rounded to one decimal place.)

A. 34.5% increase

B. 31.6% increase



C. 32.1% decrease

D. 35.7% decrease

Q21 Mathematics

One diagonal and perimeter of a rhombus are 16 cm and 40 cm, respectively. Find the other diagonal.

A. 11 cm

B. 12 cm



C. 10 cm

D. 14 cm

Q22 Mathematics

If $P = \sec\theta + \tan\theta$, then the value of $\frac{P^2 + 1}{2P}$ is:

A. 1

B. 0

C. $\tan\theta$

D. $\sec\theta$

**Q23 Mathematics**

By how much is 65% of 65 greater than $\frac{3}{5}$ of 45?

A. 15.25



B. 12.25

C. 13.25

D. 9.25



Q24 Mathematics

By selling an article at $\frac{3}{8}$ of its actual selling price, Nirbhay incurs a loss of 13%.

If he sells it at 70% of its actual selling price, then the profit percentage is:

A. 62.4%



B. 63.5%

C. 63.3%

D. 60.5%

Q25 Mathematics

Ayushi bought a toy for ₹461, decorated it at a cost of ₹15, and sold the toy for ₹918. Find the loss or gain percentage.

A. $\frac{650}{7}\%$ profit



B. $\frac{650}{7}\%$ loss

C. 650% profit

D. $\frac{660}{7}\%$ loss

Q26 Mathematics

Pipe A can fill a tank in 17 hours, pipe B can fill the same tank in 27 hours and pipe C can fill the same tank in 12 hours. The time taken by them to fill the same tank if they operate together is::

A. $13\frac{191}{329}$ hours

B. $5\frac{191}{329}$ hours



C. $14\frac{191}{329}$ hours

D. $10\frac{191}{329}$ hours

Q27 Mathematics

The value of $\sqrt{169} + \sqrt{0.04} - \sqrt{6.76}$ is ____.

A. 9.88

B. 14.94

C. 10.6



D. 10.57



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Q28 Mathematics

The simple interest on a certain sum for $4\frac{5}{9}$ years at the rate of 3.6% per annum is ₹5,453.

What will be the amount payable on the same sum at the rate of 2.7% per annum simple interest in $6\frac{2}{9}$ years?

A. ₹38,836



B. ₹38,828

C. ₹38,841

D. ₹38,819

Q29 Mathematics

Pipe P can fill $\frac{5}{9}$ part of a tank in 25 hours, and pipe Q can fill $\frac{3}{7}$ part of the same tank in 27 hours.

Both P and Q were kept open for 3 hours, then both were closed. Pipe R alone was then opened and it emptied the water in the tank in 4 hours. Pipes P, Q and R together can fill the empty tank in:

A. 93 hours

B. 108 hours

C. 112 hours

D. 105 hours

**Q30 Mathematics**

The value of $\sqrt{169} + \sqrt{0.0324} - \sqrt{7.29}$ is ____.

A. 4.97

B. 16.76

C. 10.48



D. 7.76

General Intelligence & Reasoning

30 Questions • Answer Key

Q31 General Intelligence & Reasoning

Mayank ranked 39th from the top and 11th from the bottom in his class. How many students are there in his class?

A. 48

B. 47

C. 49



D. 50

Q32 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. SVQ

B. NQK



C. EHC

D. YBW



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Q33 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series?

550 555 565 570 580 585 ? 600

A. 590

B. 595



C. 610

D. 605

Q34 General Intelligence & Reasoning

Which of the following letter-clusters will replace the question mark (?) in the given series to make it logically complete?

OIX 28 MLT 17 ? IRL -5 GUH -16

A. KNP 8

B. KNO 6

C. KOQ 8

D. KOP 6

**Q35 General Intelligence & Reasoning**

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.

Statements:

All pins are bugs.

All pins are lamps.

Conclusions:

(I): Some bugs are lamps.

(II): All lamps are pins.

A. Both conclusions (I) and (II) follow.

B. Only conclusion (I) follows.



C. Only conclusion (II) follows.

D. Neither conclusion (I) nor (II) follows.

Q36 General Intelligence & Reasoning

What will come in the place of the question mark (?) in the following equation, if '+' and '÷' are interchanged, and '-' and 'x' are interchanged?

$27 \times 11 - 3 \div 56 + 2 = ?$

A. 41

B. 22



C. 26

D. 34

Q37 General Intelligence & Reasoning

Each of the digits in the number 4796583 is arranged in the ascending order from left to right. What will be the sum of the digits that are first from the left and first from the right in the new number thus formed?

A. 9

B. 10

C. 7

D. 12

**Q38 General Intelligence & Reasoning**

Refer to the following number and symbol series and answer the question that follows. All numbers are single-digit. Counting to be done from left to right.

(Left) + # 5 3 \$ Ω 4 ? 9 1 & % 7 * @ 2 £ 6 8 (Right)

How many such symbols are there, each of which is immediately preceded by a symbol and also immediately followed by an even number?

A. Three

B. One

C. Two



D. None

Q39 General Intelligence & Reasoning

Samad starts from Point A and drives 15 km towards East. He then takes a left turn, drives 6 km, turns left and drives 12 km. He then takes a left turn and drives 8 km. He takes a final right turn, drives 3 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90° turns only unless specified.)

A. 4 km towards North

B. 2 km towards North



C. 4 km towards South

D. 2 km towards West

Q40 General Intelligence & Reasoning

Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

ZXW 21 USR 20 PNM 18 KIH 15 ?

A. FED 10

B. FEC 11

C. GDC 10

D. FDC 11



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Q41 General Intelligence & Reasoning

FJEC is related to LPKI in a certain way based on the English alphabetical order. In the same way, IMHF is related to OSNL. To which of the following is LPKI related, following the same logic?

A. RVQO



B. RVOQ

C. VRQO

D. VROQ

Q42 General Intelligence & Reasoning

Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding to/subtracting from/multiplying with 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(46, 2208, 24)

(4, 192, 24)

A. (7, 245, 17)

B. (37, 451, 6)

C. (24, 967, 20)

D. (39, 546, 7)

**Q43 General Intelligence & Reasoning**

Each of the digits in the number 7231456 is arranged in ascending order from left to right. The position(s) of how many digits will remain unchanged as compared to that in the original number?

A. Four

B. Three

C. One

D. Two

**Q44 General Intelligence & Reasoning**

Seven people, I, J, K, L, P, Q and R are sitting in a row, facing north. Only two people sit to the left of R. Only three people sit between R and L. I sits second to the right of R. Only two people sit between I and Q. K sits at some place to the right of J but at some place to the left of P. How many people sit to the right of K?

A. Two

B. Four

C. One

D. Three

**Q45 General Intelligence & Reasoning**

Select the pair which follows the same pattern as that followed by the two set of pairs given below. Both pairs follow the same pattern.

JUN : HRP

QWJ : OTL

A. GSK : EPM



B. HXB : FUE

C. JTE : HQH

D. UTM : SRO

Q46 General Intelligence & Reasoning

A is the sister of H. H is the mother of R. R is the son of M. G is the mother of M. How is A related to M?

A. Son's wife's mother

B. Wife's sister



C. Son's daughter

D. Son's wife's sister

Q47 General Intelligence & Reasoning

Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only. (Note: All numbers are single digit numbers only).

(Left) 4 7 + \$ £ 3 & 8 5 @ 1 Ω # * % 6 2 9 (Right)

How many such numbers are there each of which is immediately preceded by another number and also immediately followed by another number?

A. 1



B. 0

C. 3

D. 2

Q48 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. MSO

B. IOK

C. FLG



D. RXT



Q49 General Intelligence & Reasoning

Seven boxes V, W, X, Y, Z, Q and R are kept one over the other but not necessarily in the same order. No box is kept above Z. Only three boxes are kept between Z and W. Only one box is kept between V and R. R is kept immediately above W. Only four boxes are kept between V and X. Q is kept at some place above Y. Which box is kept second below Q?

A. W



B. R

C. X

D. Y

Q50 General Intelligence & Reasoning

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

All mugs are cups.
Some mugs are forks.

Conclusions:

(I): Some cups are forks.
(II): Some forks are mugs.

A. Both conclusions I and II follow.



B. Neither conclusion I nor II follow.

C. Only conclusion II follows.

D. Only conclusion I follows.

Q51 General Intelligence & Reasoning

Seven boxes P, Q, R, S, X, Y and Z are kept one over the other, but not necessarily in the same order. Only S is kept above X. Only two boxes are kept between X and Z. Only P is kept below R. Q is not kept immediately above Z. How many boxes are kept between Y and P?

A. Four

B. Two



C. One

D. Three

Q52 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. NS-PK



B. HM-JF

C. JO-LH

D. LQ-NJ

Q53 General Intelligence & Reasoning

Sumit, Jatin, Ramesh, Priya, Kavita and Manoj are sitting in a straight line, facing north. Sumit sits third from the left end. Manoj sits second to the right of Sumit. Jatin sits to the immediate left of Kavita. Priya does not sit at the end. Who sits second to the left of Priya?

A. Ramesh

B. Manoj

C. Kavita



D. Sumit

Q54 General Intelligence & Reasoning

In the following triads, each group of letters is related to the subsequent one following a certain logic. Select from the given options, the one which follows the same logic.

BOAD - OBAD - BADO

DUCK - UDCK - DCKU

A. CAME - ACME - AMEC

B. RUSK - RSUK - KSUR

C. FEAN - EFAN - FANE



D. HEAP - EHAP - PEAH

Q55 General Intelligence & Reasoning

Amit started from Point A and travelled 9 km east. He then turned right and travelled 6 km. He then turned right and travelled 7 km. He finally turned right and travelled 6 km to stop at Point E. What is the shortest distance between Point E and Point A? (All turns are 90-degree turns only.)

A. 5 km

B. 2 km



C. 4 km

D. 3 km



Q56 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series?

16 28 50 82 124 ?

A. 185

B. 176



C. 162

D. 194

Q57 General Intelligence & Reasoning

In a certain code language, 'TEAR' is coded as '7165' and 'SEAT' is coded as '5678'. What is the code for 'S' in the given code language?

A. 6

B. 7

C. 5

D. 8

**Q58 General Intelligence & Reasoning**

What will come in the place of the question mark (?) in the following equation, if '÷' and '-' are interchanged and 'x' and '+' are interchanged?

$78 \times 2 - 2 + 12 \div 6 \times 5 + 4 \div 4 \times 24 = ?$

A. 148

B. 124



C. 136

D. 154

Q59 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series?

24 ? 45 66 94 129

A. 38

B. 44

C. 31



D. 41

Q60 General Intelligence & Reasoning

In a certain code language, 'EXAM' is coded as '3579' and 'HAME' is coded as '5327'. What is the code for 'H' in the given code language?

A. 5

B. 3

C. 2



D. 7

General Awareness

40 Questions • Answer Key

Q61 General Awareness

In an optical fibre, the core is made of a _____.

A. material with higher refractive index



B. material with lower refractive index

C. material with higher density

D. material with lower density

Q62 General Awareness

Within how many days must information be provided under the RTI Act for general requests?

A. 15 days

B. 60 days

C. 20 days

D. 30 days

**Q63 General Awareness**

Who was awarded the Major Dhyan Chand Khel Ratna Award 2024 for becoming the youngest World Chess Champion in January 2025?

A. Arjun Erigaisi

B. Nihal Sarin

C. R Praggnanandhaa

D. Gukesh D



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Q64 General Awareness

Who became the Chief Minister of Delhi after the February 2025 Legislative Assembly elections?

A. Rekha Gupta



B. Arvind Kejriwal

C. Atishi Marlena

D. Parvesh Verma

Q65 General Awareness

The first session of the Indian National Congress was presided by ____.

A. Mahadev Govind Ranade

B. Gopal Krishna Gokhale

C. Womesh Chandra Bonnerjee



D. Dadabhai Naoroji

Q66 General Awareness

Which one of the following statements correctly explains the cause of volcanism?

A. It is caused by excessive surface erosion.

B. It happens because of atmospheric disturbances.

C. It results from molten rock rising from the Earth's interior.



D. It is due to the movement of glaciers.

Q67 General Awareness

What is the primary purpose of Judicial Review in India?

A. To appoint ministers

B. To amend the Constitution

C. To elect judges

D. To examine the constitutionality of laws

**Q68 General Awareness**

In February 2025, which Indian agency launched a ₹500-crore Technology Adoption Fund to support early-stage space startups and reduce import dependency?

A. DRDO

B. Antrix Corporation

C. ISRO

D. IN-SPaCe

**Q69 General Awareness**

How did globalisation impact Indian industries?

A. Banned private companies

B. Made them weaker

C. Gave more competition and modern technology



D. Closed them down

Q70 General Awareness

The Indian Army celebrated its 77th Army Day at Pune on which date, which marked the third occasion that the Army Day Parade was held outside Delhi?

A. 5 February 2025

B. 5 March 2025

C. 15 February 2025

D. 15 January 2025

**Q71 General Awareness**

Which of the following could be regarded as the only positive outcome of the British reforms in India?

A. Ruralisation

B. Social reform laws



C. Deindustrialisation

D. One-way free trade

Q72 General Awareness

A person who migrated from Pakistan after 19 July 1948 could become an Indian citizen, only if:

A. he took an oath of allegiance

B. he was registered by an officer of the Dominion of India

C. he was born in India before 1947



D. he was a resident of Pakistan in 1948

Q73 General Awareness

Durgapur Steel Plant of West Bengal is situated on the banks of which river?

A. Mahananda

B. Damodar



C. Hooghly

D. Teesta



Q74 General Awareness

What is the known equation that connects the concentration of a buffer solution's constituents, weak acid/salt or weak base/salt, and its pH?

- A. Van't Hoff equation
- B. Arrhenius equation
- C. Nernst - Boyle equation
- D. Henderson-Hasselbalch equation ✓

Q75 General Awareness

Which of the following organisations unveiled the country's first five Carbon Capture and Utilisation (CCU) testbeds in the cement sector in May 2025?

- A. Defence Research and Development Organisation (DRDO)
- B. Department of Science and Technology (DST), Government of India ✓
- C. Indian Space Research Organisation (ISRO)
- D. Union Ministry of Environment, Forest and Climate Change (MoEFCC)

Q76 General Awareness

Social life in the Vedic period was divided into how many ashramas?

- A. Six
- B. Three
- C. Four ✓
- D. Ten

Q77 General Awareness

Which Constitutional Amendment has most recently extended the reservation of seats for Scheduled Castes (SCs) and Scheduled Tribes (STs) in the Lok Sabha and State Legislative Assemblies for another ten years?

- A. 42ndAmendment
- B. 104thAmendment ✓
- C. 15thAmendment
- D. 61stAmendment

Q78 General Awareness

According to a March 2025 PIB report, India's defence production reached ₹1.27 trillion in FY 2023-24, showing an increase of what percentage from FY 2014-15?

- A. 151%
- B. 174% ✓
- C. 130%
- D. 200%

Q79 General Awareness

Who was elected as the President of Lebanon in January 2025, ending a two-year vacancy?

- A. Saad Hariri
- B. Hassan Diab
- C. Joseph Aoun ✓
- D. Michel Aoun

Q80 General Awareness

What is the industrial name for calcium sulphate hemihydrate?

- A. Gypsum
- B. Quick lime
- C. Plaster of Paris ✓
- D. Slaked lime

Q81 General Awareness

Which of the following cities hosted the 2025 Conferences of the Parties for the Basel, Rotterdam and Stockholm Conventions (BRS COPs)?

- A. Hong Kong
- B. Geneva ✓
- C. Rotterdam
- D. Stockholm

Q82 General Awareness

Shambhu Maharaj, awarded the Sangeet Natak Akademi Fellowship in 1967, was renowned for his contribution to which of the following Indian art forms?

- A. Carnatic music
- B. Bharatanatyam dance
- C. Hindustani classical music
- D. Kathak dance ✓



Q83 General Awareness

The Appropriation Bill 2025, was introduced in the Lok Sabha by which Ministry?

- A. Ministry of Home Affairs
- B. Ministry of Finance ✓
- C. Ministry of Defence
- D. Ministry of External Affairs

Q84 General Awareness

Which of the following was NOT a part of the New Economic Policy reforms introduced in 1991?

- A. Globalisation
- B. Nationalisation of banks ✓
- C. Liberalisation
- D. Privatisation

Q85 General Awareness

On which of the following dates did Mahatma Gandhi begin a 21-day fast of self-purification to support the Harijan movement?

- A. 8 September 1927
- B. 9 March 1930
- C. 7 May 1923
- D. 8 May 1933 ✓

Q86 General Awareness

Which statement best differentiates ROM from RAM in terms of volatility and usage?

- A. ROM is volatile and used for running programs; RAM is non-volatile and stores firmware.
- B. ROM is used for multitasking; RAM is used for storing BIOS.
- C. RAM is volatile and stores temporary data; ROM is non-volatile and stores boot instructions. ✓
- D. RAM is permanent; ROM is temporary.

Q87 General Awareness

Which of the following is a good way to organise files in Windows?

- A. Rename all files with random numbers
- B. Store all files on the desktop
- C. Create separate folders for different types of files ✓
- D. Keep files with different subjects in one folder

Q88 General Awareness

The Banking Laws (Amendment) Bill passed in the Rajya Sabha in March 2025 extended the tenure of Directors of co-operative banks to how many years?

- A. 6 years
- B. 8 years
- C. 9 years
- D. 10 years ✓

Q89 General Awareness

Which sector was the largest contributor to India's GDP between 1947 and 1991?

- A. Agriculture sector ✓
- B. Industrial sector
- C. Service sector
- D. Financial sector

Q90 General Awareness

Where was the 12th International Tourism Mart (ITM) held in November 2024 to promote Northeast India's tourism potential?

- A. Shillong, Meghalaya
- B. Kaziranga, Assam ✓
- C. Aizawl, Mizoram
- D. Imphal, Manipur

Q91 General Awareness

The Eleventh Schedule of the Constitution was introduced through the 73rd Amendment. What is its significance in the context of Panchayati Raj?

- A. It outlines administrative powers of the Gram Sabha.
- B. It lists subjects to be legislated by the Union government.
- C. It specifies 44 functional subjects to be devolved to Panchayats by States.
- D. It specifies 29 functional subjects to be devolved to Panchayats by States. ✓

Q92 General Awareness

In which of the following years was Sanskrit declared a Classical Language in India?

- A. 2005 ✓
- B. 2010
- C. 2003
- D. 2002



Q93 General Awareness

Which of the following is considered a non-renewable natural resource?

- A. Wind energy
- B. Natural gas
- C. Forests
- D. Solar energy

**Q94 General Awareness**

Which Indian actress was honoured at Cannes 2025 as part of the 'Women in Cinema' initiative?

- A. Alia Bhatt
- B. Deepika Padukone
- C. Jacqueline Fernandez
- D. Priyanka Chopra

**Q95 General Awareness**

In May 2024, the World Health Organization (WHO) prequalified the QDENG vaccine developed by Takeda Pharmaceuticals. This vaccine is designed to protect against which disease?

- A. Dengue
- B. Zika
- C. Chikungunya
- D. Malaria

**Q96 General Awareness**

Which of the following is not a function of biosphere reserves?

- A. Sustainable development of local communities
- B. Cultural heritage preservation
- C. Conservation of biodiversity
- D. Promotion of monoculture farming

**Q97 General Awareness**

Which of the following is the highest Himalayan peak located in India (excluding POK)?

- A. Mount Everest
- B. Dhaulagiri
- C. Kanchenjunga
- D. Nanga Parbat

**Q98 General Awareness**

In which of the following years was Amazon.in launched in India?

- A. 2008
- B. 2010
- C. 2013
- D. 2015

**Q99 General Awareness**

Who headed the Diwan-i-Arz and was responsible for managing soldiers, branding horses, and administering war provisions?

- A. Naib
- B. Ariz-i-Mumalik
- C. Dabir-i-Khas
- D. Amir-i-Dad

**Q100 General Awareness**

The retreating monsoon causes rainfall mainly in ____.

- A. Punjab
- B. Maharashtra
- C. Assam
- D. Tamil Nadu



Mathematics

30 Questions • Answer Key

Q1 Mathematics

Find the area of a triangle whose sides are of lengths 5 cm, 12 cm and 13 cm.

- A. 60 cm²
- B. 30 cm² ✓
- C. 78 cm²
- D. 32.5 cm²

Q2 Mathematics

The average runs scored by a batsman in 23 matches is 44. In the next 10 matches, the batsman scored an average of 14 runs. Find his average runs scored (rounded off to two decimal places) in all the 33 matches.

- A. 36.91
- B. 35.91
- C. 34.91 ✓
- D. 33.91

Q3 Mathematics

Aryan has to reach Ahmedabad which is 977 km away in 11 hours. His starting speed for 4 hours was 39 km/hr. For the next 140 km his speed was 35 km/hr. By what speed he must travel now so as to reach Ahmedabad in the decided time of 11 hours?

- A. 231 km/hr
- B. 221 km/hr
- C. 227 km/hr ✓
- D. 229 km/hr

Q4 Mathematics

A shopkeeper offers a scheme discount of 'Buy goods worth ₹6000 and get ₹1000 worth of goods free'. What is the effective discount percentage (rounded off to two decimals)?

- A. 20%
- B. 16.67%
- C. 14.29% ✓
- D. 12%

Q5 Mathematics

A sum of money triples itself at a certain rate of compound interest in 3 years. In how many years will it amount to 27 times of itself?

- A. 3 years
- B. 9 years ✓
- C. 11 years
- D. 17 years

Q6 Mathematics

Ishan bought some pens at the rate of ₹150/dozen. He sold them for ₹17 each. His profit percentage is ____%.

- A. 40
- B. 34
- C. 36 ✓
- D. 38

Q7 Mathematics

Find the simple interest (in ₹) on ₹1,200 at an interest rate of 3% per month in 5 months.

- A. 15
- B. 30
- C. 35
- D. 180 ✓

Q8 Mathematics

If the radius of the base of a right circular cylinder is decreased by 19% and its height is increased by 122%, then what is the percentage increase (closest integer) in its volume?

- A. 50%
- B. 33%
- C. 40%
- D. 46% ✓



Q9 Mathematics

A number when increased by 100% gives 2690. The number is:

A. 1345



B. 4035

C. 672.5

D. 2690

Q10 Mathematics

The sum of five numbers is 655. The average of the first two numbers is 80, and the third number is 103. Find the average of the remaining two numbers.

A. 196



B. 183

C. 184

D. 197

Q11 Mathematics

The sum of two numbers is 115 and their L.C.M. is 600. What are the two numbers?

A. 33, 82

B. 40, 75



C. 38, 77

D. 45, 70

Q12 Mathematics

If the third proportional of 8 and 56 be x, then what is the value of x?

A. 390

B. 394

C. 393

D. 392

**Q13 Mathematics**

An amount of ₹456 is divided among three persons in the ratio of 16 : 14 : 8. The difference between the largest and the smallest shares (in ₹) in the distribution is:

A. 120

B. 96



C. 133

D. 48

Q14 Mathematics

6 years ago, the age of a father was 40 years more than twice his son's age. After how many years, from now, will he be twice his son's age?

A. 33

B. 30

C. 37

D. 34

**Q15 Mathematics**

Shahid and Mira have to travel from Delhi to Kanpur in their respective cars. Shahid is driving at 132 km/hr while Mira is driving at 60 km/hr. Find the time taken by Mira to reach Kanpur if Shahid takes 5 hours.

A. 8 hours

B. 4 hours

C. 1 hours

D. 11 hours

**Q16 Mathematics**

The product of two consecutive natural numbers is 30. The greater of the two numbers is:

A. 3

B. 12

C. 24

D. 6

**Q17 Mathematics**

The sum of two numbers is 81 and their L.C.M. is 420. What are the two numbers?

A. 14, 67

B. 19, 62

C. 21, 60



D. 26, 55

Q18 Mathematics

The marked price of a ceiling fan is ₹2,500. During off season, it is sold for ₹1,360. Find the discount percentage.

A. 45.6%



B. 44.5%

C. 45%

D. 42%



Q19 Mathematics

Rupesh got an increase of 4% in his sales amount in the first year and 25% in the second year; also with this, his current sales are ₹1,35,200, what was his sales (in ₹) two years ago?

- A. ₹1,08,160
- B. ₹1,30,000
- C. ₹84,000
- D. ₹1,04,000

**Q20 Mathematics**

M and N started a business. M invested ₹66,000 more than N for 5 months, while N invested for 7 months. M's share is ₹205 more than that of N, out of a total profit of ₹3,895. Find the capital contributed by M.

- A. ₹1,84,800
- B. ₹1,84,602
- C. ₹1,84,910
- D. ₹1,84,849

**Q21 Mathematics**

The LCM of the numbers 10.8 and 0.06 is:

- A. 1.08
- B. 108
- C. 10.8
- D. 0.108

**Q22 Mathematics**

The LCM of the numbers 14.2 and 0.05 is:

- A. 142
- B. 0.142
- C. 14.2
- D. 1.42

**Q23 Mathematics**

The sum of all interior angles of a regular polygon is equal to twice the sum of all its exterior angles. The number of sides of the polygon is:

- A. 8
- B. 6
- C. 4
- D. 3

**Q24 Mathematics**

Simplify: $3\left(\left(\frac{4}{3}\right)x^2 - 25x + 12\right) - 4(x^2 + 7x - 18)$

- A. $-103x - 108$
- B. $103x - 108$
- C. $103x + 108$
- D. $-103x + 108$

**Q25 Mathematics**

The value of $7^2 + \sqrt{10^2} - 2\sqrt{64} - 6$ is

- A. 37
- B. 38
- C. 29
- D. 46



Q26 Mathematics

The value of $\sqrt{196} + \sqrt{0.0324} - \sqrt{5.76} =$

A. 11.78



B. 16.52

C. 3.21

D. 8.04

Q27 Mathematics

A can lay railway track between two given stations in 19 days and B can do the same job in 15 days. With the help of C, they did the job in 3 days only. Then, C alone can do the job in

A. $13\frac{41}{61}$ days

B. $11\frac{41}{61}$ days

C. $4\frac{41}{61}$ days



D. $7\frac{41}{61}$ days

Q28 Mathematics

The value of $\frac{\sin^3 A - \cos^3 A}{1 + \sin A \cdot \cos A} + 2 \sin^2 54^\circ \sec^2 36^\circ$ is:

A. $\sin A \cdot \cos A + 2$

B. $\sin A + \cos A - 2$

C. $\sin A - \cos A + 2$



D. $2(1 + \sin A \cdot \cos A)$

Q29 Mathematics

A trader claims to sell spices at a profit of 68%, but also dishonestly uses a weight which is 12% less than what is mentioned on it. Find the total percentage of profit earned by the trader. (Round off the answer to the nearest whole number.)

A. 88%

B. 89%

C. 91%



D. 96%



Q30 Mathematics

Shifa can do a certain piece of work in 20 days. Shifa and Afiya can together do the same work in 12 days, and Shifa, Afiya and Mariyam can do the same work together in 9 days. In how many days can Shifa and Mariyam do the same work together?

A. $\frac{83}{8}$

B. $\frac{90}{7}$ ✓

C. $\frac{85}{9}$

D. $\frac{80}{7}$

General Intelligence & Reasoning

30 Questions • Answer Key

Q31 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. MI-QW ✓

B. VZ-DJ

C. QU-YE

D. GK-OU

Q32 General Intelligence & Reasoning

Seven people A, B, C, D, E, F and G are sitting in a row, facing the north. Only five people sit to the left of B. Only five people sit to the right of A. C sits to the immediate left of F but right of D. E does not sit to the right of D. How many people sit to the right of G?

A. Four

B. Five

C. Zero ✓

D. Three

Q33 General Intelligence & Reasoning

Select the pair that follows the same pattern as that followed by the two pairs given below. Both pairs follow the same pattern.

EGO : FHP

WSD : XTE

A. CUT : DVU ✓

B. JUG : KVI

C. POI : QPK

D. TYC : UZE

Q34 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series?

48 69 94 123 156 ?

A. 193 ✓

B. 213

C. 203

D. 223

Q35 General Intelligence & Reasoning

In a certain code language, 'youth shirt knife' is coded as 'nv to wh' and 'shirt son night' is coded as 'ch rb to'. How is 'shirt' coded in the given code language?

A. wh

B. ch

C. to ✓

D. nv



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Q36 General Intelligence & Reasoning

In the following number-pairs, the second number is obtained by applying certain mathematical operations to the first number. Select the pair in which the numbers are related in the same way as are the numbers of the following pairs.

(Note: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g., 13 – Operations on 13 such as adding/subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

96, 12
184, 23

A. 130, 16

B. 164, 20

C. 144, 18

D. 172, 21

Q37 General Intelligence & Reasoning

Seven people D, E, F, G, H, I and O are sitting around a circular table, facing the centre of the table. Only one person sits between H and O when counted from the left of O. I sits third to the right of D. F sits third to the left of E. I sits to the immediate right of F. G is not an immediate neighbour of F. How many people sit between G and O when counted from the right of G?

A. Four

B. Two

C. Three

D. One

Q38 General Intelligence & Reasoning

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.

Statements:

All pins are bricks.
All pins are rulers.

Conclusions:

(I) Some bricks are rulers.
(II) All rulers are pins.

A. Only conclusion (II) follows.

B. Neither conclusion (I) nor (II) follows.

C. Only conclusion (I) follows.

D. Both conclusions (I) and (II) follow.

Q39 General Intelligence & Reasoning

Each of the digits in the number 7841236 is arranged in ascending order from left to right. The position(s) of how many digits will remain unchanged as compared to that in the original number?

A. None

B. One

C. Two

D. Three

Q40 General Intelligence & Reasoning

Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

PHZ 3, SKC 7, VNF 15, YQI 31, BTL 63, ?

A. EHO 127

B. FWO 127

C. EWO 128

D. EWO 127

Q41 General Intelligence & Reasoning

This question is based on the five, three-digit numbers given below.

(Left) 781 752 642 105 864 (Right)

(Example: 697 – First digit = 6, second digit = 9 and third digit = 7)

(Note: All operations to be done from left to right.)

In how many of the given numbers is the third digit of a number a factor of the first digit as well as second digit of the same number?

A. None

B. Two

C. Four

D. Three

Q42 General Intelligence & Reasoning

If 1 is added to each even digit and 1 is subtracted from each odd digit of the number 56218643, how many digits are repeated more than once in the new number formed?

A. One

B. Two

C. None

D. Three



Q43 General Intelligence & Reasoning

Yusif starts from Point A and drives 9 km towards North. He then takes a left turn, drives 4 km, turns left and drives 11 km. He then takes a left turn and drives 5 km. He takes a final left turn, drives 2 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90° turns only unless specified.)

- A. 1 km to the East
- B. 2 km to the North
- C. 2 km to the South
- D. 1 km to the West

**Q44 General Intelligence & Reasoning**

Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

- A. JNT
- B. CGM
- C. NRY
- D. WAG

**Q45 General Intelligence & Reasoning**

In a certain code language, 'ALSO' is coded as '4367' and 'SLOT' is coded as '2347'. What is the code for 'T' in the given code language?

- A. 3
- B. 4
- C. 2
- D. 7

**Q46 General Intelligence & Reasoning**

If 2 is added to each even digit and 2 is subtracted from each odd digit in the number 4792536, what will be the sum of all the even digits in the new number thus formed?

- A. 16
- B. 14
- C. 18
- D. 12

**Q47 General Intelligence & Reasoning**

What should come in place of the question mark (?) in the given series?

6 6 12 36 ? 720

- A. 108
- B. 172
- C. 120
- D. 144

**Q48 General Intelligence & Reasoning**

In a row of 172 students facing north, Mr. Maxi is 21st from the right end. If Mr. Han is 61st to the left of Mr. Maxi, what is Mr. Han's position from the left end of the line?

- A. 91st
- B. 92nd
- C. 93rd
- D. 90th

**Q49 General Intelligence & Reasoning**

In the following triads, each group of letters is related to the subsequent one following a certain logic. Select from the given options, the one which follows the same logic.

HARD - AHRD - DRAH
ITEM - TIEM - METI

- A. BITE - BTIE - ETIB
- B. LONG - OLNG - ONGL
- C. WENT - EWNT - TENW
- D. DUSK - UDSK - KSUD

**Q50 General Intelligence & Reasoning**

Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

GNU 11, DKR 21, AHO 41, XEL 81, UBI 161, ?

- A. RYF 320
- B. YYF 321
- C. ROF 321
- D. RYF 321



Q51 General Intelligence & Reasoning

If 1 is added for each even digit and 1 is subtracted from each odd digit of the number 56218643, how many digits are repeated more than once in the new number thus formed?

A. None

B. Two

C. Three

D. One

**Q52 General Intelligence & Reasoning**

Sophie starts from Point A and drives 8 km towards south. She then takes a right turn, drives 6 km, turns left and drives 5 km. She then takes a left turn and drives 6 km. She takes a final right turn, drives 9 km and stops at Point P. How far (shortest distance) and towards which direction should she drive in order to reach Point A again? (All turns are 90° turns only unless specified.)

A. 22 km towards north



B. 22 km towards south

C. 18 km towards east

D. 18 km towards south

Q53 General Intelligence & Reasoning

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

All fans are lights.

No fan is a bulb.

Conclusions:

(I) No light is an bulb.

(II) No bulb is a fan.

A. Only conclusion I follows.

B. Both conclusions I and II follow.

C. Only conclusion II follows.



D. Neither conclusion I nor II follows.

Q54 General Intelligence & Reasoning

Seven boxes I, J, K, L, M, N and P are kept one over the other but not necessarily in the same order. Only L is kept above M. Only P is kept between M and J. Only N is kept below K. How many boxes are kept between I and N?

A. Three

B. Two

C. Four

D. One

**Q55 General Intelligence & Reasoning**

Select the pair which follows the same pattern as that followed by the two pairs given below. Both pairs follow the same pattern.

FCV : KZQ

ZQB : ENW

A. FLH : KHM

B. MUV : QPZ

C. PWL : UTG



D. YNQ : BIT

Q56 General Intelligence & Reasoning

Refer to the following number, symbol series and answer the question. Counting to be done from left to right only.

(Left) 2 / \ < > 2 5 \$ % + 6 3 / 6 5 6 9 3 @ < & (Right)

How many such numbers are there each of which is immediately preceded by another number and also immediately followed by a symbol?

A. Four

B. Two

C. Three



D. One

Q57 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series?

92 83 74 ? 56 47 38

A. 69

B. 65



C. 62

D. 67



Q58 General Intelligence & Reasoning

In a certain code language,
'A = B' means 'A is the brother of B',
'A ¥ B' means 'A is the father of B',
'A # B' means 'A is the wife of B' and
'A % B' means 'A is the sister of B'.

How is B related to S if 'B ¥ O % A = T # S'?

A. Wife's father



B. Wife's sister

C. Wife's mother

D. Wife's brother

Q59 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster pair.)

A. DG-JO

B. FI-LO



C. BE-HM

D. SV-YD

Q60 General Intelligence & Reasoning

All 119 students in a class are standing in a straight line facing north. Tika is 20th from the right end while Vishnu is 29th from the left end. How many people stand between Tika and Vishnu?

A. 70



B. 72

C. 71

D. 69

General Awareness

40 Questions • Answer Key

Q61 General Awareness

Which copper-based alloy is a preferred material for making standard resistors because of its high resistivity and low temperature coefficient?

A. Brass

B. Manganin



C. Tungsten

D. Alnico

Q63 General Awareness

Which of the following Schedules deals with the administration and control of Scheduled Areas and Tribes?

A. Fifth



B. Ninth

C. Sixth

D. Seventh

Q62 General Awareness

Which of the following statements about succession in the Gupta dynasty is true?

A. The eldest son was always crowned Yuvraj at priority

B. Only the eldest son could become king

C. The ruler always declared himself divine to get the throne

D. Sons had to prove their eligibility before an assembly

**Q64 General Awareness**

How is the vast distance between galaxies measured?

A. In light years



B. In miles

C. In seconds

D. In kilometres



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Q65 General Awareness

Hool Diwas is celebrated on June 30 every year in India to commemorate the Santhal Hool (rebellion) of _____.

- A. 1850
- B. 1840
- C. 1855
- D. 1845

**Q66 General Awareness**

On May 20, 2025, the Supreme Court reinstated which requirement for candidates aspiring to become civil judges (junior division)?

- A. Passing a national-level judicial service exam
- B. Three years of legal practice experience
- C. Mandatory Ph.D. in Law
- D. Minimum age of 30 years

**Q67 General Awareness**

What does VLSRSAM stand for, which was successfully tested by the Indian Navy and Defence Research & Development Organisation (DRDO) in 2025?

- A. Very Large Surface Recon Air Missile
- B. Vertical-Launch Short-Range Surface-to-Air Missile
- C. Versatile Launch System for Rocket Missiles
- D. Variable Launch Strategic Recon Missile

**Q68 General Awareness**

Which organisation released the State of the World's Children report, 2025?

- A. UNESCO
- B. WHO
- C. UNDP
- D. UNICEF

**Q69 General Awareness**

Which of the following services is jointly controlled by both the Union and State Governments?

- A. Central Engineering Service
- B. Indian Economic Service
- C. State Medical Service
- D. Indian Administrative Service

**Q70 General Awareness**

Who is regarded as the chief architect of India's Green Revolution?

- A. PV Narasimha Rao
- B. Dr. Manmohan Singh
- C. MS Swaminathan
- D. Dr. Verghese Kurien

**Q71 General Awareness**

Which Indian leader emphasised a 'Nation First' ethos during a seminar in Lucknow in May 2025?

- A. Rajnath Singh
- B. Yogi Adityanath
- C. Amit Shah
- D. Narendra Modi

**Q72 General Awareness**

Which missile defence system, named Sudarshan Chakra, was used by India to intercept drones and missiles during Pakistan's attempted strikes in May 2025?

- A. Barak 8
- B. S-400 systems
- C. Akashteer
- D. Prithvi Air Defence

**Q73 General Awareness**

Which pair of scientists first proposed the double-helix model for the structure of DNA?

- A. Franklin and Chargaff
- B. Watson and Crick
- C. Darwin and Wallace
- D. Mendel and Avery

**Q74 General Awareness**

A small portion of the Singrauli Coalfield, which is located mainly in the Singrauli district of Madhya Pradesh, falls in which other State?

- A. Uttar Pradesh
- B. Odisha
- C. Jharkhand
- D. Chhattisgarh



Q75 General Awareness

Who among the following is known for popularising Bharatanatyam on the global stage?

A. Rukmini Devi Arundale



B. Hema Malini

C. Sonal Mansingh

D. Mallika Sarabhai

Q76 General Awareness

Which state hosted the 7th edition of the Khelo India Youth Games in 2025?

A. Karnataka

B. Bihar



C. Gujarat

D. Maharashtra

Q77 General Awareness

Infrastructure development is essential for sustaining high growth and reducing regional disparities. Which of the following sectors is NOT typically included in the core infrastructure sectors in India?

A. Electricity

B. Iron and Steel

C. Tourism



D. Cement

Q78 General Awareness

Which Article establishes the office of the President?

A. Article 52



B. Article 53

C. Article 74

D. Article 75

Q79 General Awareness

Who launched the e-SeHAT application for accessible digital healthcare?

A. Pema Khandu

B. Omar Abdullah



C. Bhupendra Patel

D. Hemant Soren

Q80 General Awareness

At the time of independence, India's economy was predominantly:

A. trade-based

B. agricultural



C. industrial

D. service-based

Q81 General Awareness

Murlikant Rajaram Petkar of Maharashtra was awarded with Arjuna Award 2024 in which of the following fields?

A. Para-Shooting

B. Para-Swimming



C. Shooting

D. Swimming

Q82 General Awareness

September [2024] the Atacama Desert, where construction of the Extremely Large Telescope (ELT) is underway, is located in which country?

A. Peru

B. Bolivia

C. Chile



D. Argentina

Q83 General Awareness

The indigenous inhabitants of India who were hostile, dark skinned and did not follow the Vedic system are referred to in Vedic texts as:

A. Dravidas

B. Aryans

C. Dasas

D. Dasyus

**Q84 General Awareness**

Which of the following countries does NOT share a land border with India?

A. Thailand



B. Bhutan

C. Afghanistan

D. Myanmar



Q85 General Awareness

What was the main focus of India's Second Five Year Plan with respect to the economy?

- A. Promotion of tourism
- B. Expansion of services
- C. Heavy industrialisation ✓
- D. Green revolution

Q86 General Awareness

In which of the following years was the town of Madrasapatnam, which later expanded and developed into modern-day Chennai, purchased by the East India Company (EIC) from local kings?

- A. 1620
- B. 1639 ✓
- C. 1690
- D. 1658

Q87 General Awareness

The World Meteorological Organization's (WMO) report, Global Annual to Decadal Climate Update (2025-2029), warns that the Earth's average temperature may rise by how much above pre-industrial levels?

- A. 2.0°C to 2.5°C
- B. 2.5°C to 3.0°C
- C. 0.8°C to 1.2°C
- D. 1.2°C to 1.9°C ✓

Q88 General Awareness

Which of the following gases is released when baking soda reacts with vinegar?

- A. Hydrogen
- B. Ammonia
- C. Carbon monoxide
- D. Carbon dioxide ✓

Q89 General Awareness

Who launched Prismix, an AI-driven media company?

- A. Ajay Devgn ✓
- B. Salman Khan
- C. Shahrukh Khan
- D. Amir Khan

Q90 General Awareness

A user wants to rename multiple files in a folder on Windows. What is the correct approach to do this efficiently?

- A. Open each file and save it with a new name
- B. Press Ctrl + Alt + R to rename all files
- C. Drag files to another folder and rename them there
- D. Select all files → Right-click → Rename → Type a base name ✓

Q91 General Awareness

Who piloted Vasco da Gama's ship to Calicut during his first successful voyage to India in 1498?

- A. Abdul Majid ✓
- B. De Almeida
- C. Francisco Xavier
- D. Zamorin

Q92 General Awareness

Who was named Songwriter of the Year at the 2025 Ivor Novello Awards, held at Grosvenor House, London?

- A. RAYE
- B. Ed Sheeran
- C. Sam Smith
- D. Charli XCX ✓

Q93 General Awareness

Which social activist was awarded the Rammohan Acarya Sanman 2025 for service to rural tribal communities?

- A. Aruna Roy
- B. Parbati Mahato ✓
- C. Medha Patkar
- D. Irom Sharmila

Q94 General Awareness

Which Amendment of the Indian Constitution added Article 39A (free legal aid)?

- A. 42ndAmendment ✓
- B. 44thAmendment
- C. 73rdAmendment
- D. 86thAmendment



Q95 General Awareness

Which of the following is located in the west of the Deccan Plateau?

- A. Eastern Ghats
- B. Western Ghats
- C. Mahadeo hills
- D. Maikal range



Q96 General Awareness

Which shortcut key combination allows you to quickly switch between open applications on a Windows computer?

- A. Alt + F4
- B. Alt + Tab
- C. Alt + Del
- D. Ctrl + Tab



Q97 General Awareness

The Warli painting tradition gained international recognition, largely due to the efforts of which of the following renowned painters?

- A. Amrita Sher-Gil
- B. MF Husain
- C. SH Raza
- D. Jivya Soma Mashe



Q98 General Awareness

According to Article 130 of the Constitution of India, the Supreme Court shall sit in Delhi or in such other place or places as may be appointed by:

- A. the Union Cabinet, with advice from the Law Ministry
- B. the Parliament, through legislation
- C. the President, in consultation with the Prime Minister
- D. the Chief Justice of India, with the approval of the President



Q99 General Awareness

Manganese nodules are primarily found on:

- A. river deltas
- B. ocean beds
- C. glacier surfaces
- D. mountain slopes



Q100 General Awareness

In which of the following national parks were eight African cheetahs translocated from Namibia in September 2022?

- A. Mukundara Tiger Reserve
- B. Gandhi Sagar Wildlife Sanctuary
- C. Banni grasslands
- D. Kuno National Park



Mathematics

30 Questions • Answer Key

Q1 Mathematics

A shopkeeper lists the price of a fan at 44% above its cost price and offers a 25% discount on its list price. If he earns a profit of ₹67, then what is the list price (in ₹) of the fan?

A. 1,206



B. 1,194

C. 1,441

D. 1,457

Q2 Mathematics

A shopkeeper gives two successive discounts of 20% and 10% on a shirt marked at ₹1,200. What is the final selling price?

A. ₹890

B. ₹864



C. ₹880

D. ₹870

Q3 Mathematics

Gopal, Hema, and Uday invest ₹1,130, ₹1,030, and ₹1,840, respectively, to start a business. If the profit at the end of the year is ₹1,800, then what is the share of Uday in the profit?

A. ₹830

B. ₹831

C. ₹828



D. ₹825

Q4 Mathematics

What is the number of iron balls, each of radius 4 cm, that can be moulded out of a sphere of diameter 64 cm?

A. 729

B. 343

C. 512



D. 216

Q5 Mathematics

The sum of five numbers is 655. The average of the first two numbers is 80 and the third number is 106. Find the average of the remaining two numbers.

A. 195.5

B. 187

C. 186

D. 194.5



Q6 Mathematics

A man driving a car at a speed of 21 km/hr crosses a bridge in 18 minutes. Find the length of the bridge.

A. 15.2 km

B. 6.3 km



C. 2.5 km

D. 4.7 km

Q7 Mathematics

The number 242425 is divisible by which of the following?

A. 5



B. 13

C. 9

D. 6

Q8 Mathematics

The average weight of Ram, Anwar and Amit is 45 kg. If the average weight of Ram and Anwar is 44 kg and that of Anwar and Amit is 42 kg, then the weight of Anwar (in kg) is:

A. 57

B. 52

C. 37



D. 47



Q9 Mathematics

The HCF and LCM of two numbers are 3 and 396, respectively. If one of the numbers is 132, find the other one.

- A. 60
- B. 90
- C. 80
- D. 9

**Q10 Mathematics**

If 43% of first number is equal to two-ninths of second number, what is the ratio of first number to the second number?

- A. 200 : 387
- B. 201 : 390
- C. 202 : 384
- D. 198 : 382

**Q11 Mathematics**

Find the value of: $[138 \div \{13 + 7 \times (3 - 4)\}]$.

- A. 20
- B. 18
- C. 27
- D. 23

**Q12 Mathematics**

If the radius of the base of a right circular cylinder is decreased by 28% and its height is increased by 141%, then what is the percentage increase (closest integer) in its volume?

- A. 17%
- B. 29%
- C. 25%
- D. 15%

**Q13 Mathematics**

The price of a laptop is ₹46,000, and a trade discount of 16% is available. What will be the final amount the customer pays?

- A. ₹38,610
- B. ₹38,685
- C. ₹38,625
- D. ₹38,640

**Q14 Mathematics**

In covering a distance of 102 km, Amit takes 8 hours more than Vinay. If Amit doubles his speed, then he would take 9 hours less than Vinay. Amit's speed is:

- A. 3 km/hr
- B. 10 km/hr
- C. 8 km/hr
- D. 11 km/hr

**Q15 Mathematics**

Which of the following statements is true regarding quadrilaterals?

- (i) A rhombus can be a square, but not all squares are rhombuses.
- (ii) In a trapezium, two pairs of opposite sides are equal.
- (iii) A rhombus is a special type of a parallelogram.
- (iv) Diagonals are equal in parallelograms and rhombuses.

- A. i
- B. iv
- C. ii
- D. iii

**Q16 Mathematics**

A man makes a monthly payment equal to 36% of his monthly salary towards debt repayment. He spends 50% of the remaining salary and saves ₹704. His monthly salary (in ₹) is:

- A. 2,202
- B. 2,200
- C. 2,116
- D. 2,104

**Q17 Mathematics**

The LCM of the numbers 2.9 and 0.031 is:

- A. 89.9
- B. 8.99
- C. 0.899
- D. 899



Q18 Mathematics

Sapna invested ₹22,400 on simple interest, partly at 12% per annum and partly at 8% per annum. If she earns equal interests from the two investments after 4 years, then find the sum invested at 12% per annum (in ₹).

A. 8,963

B. 8,958

C. 8,960



D. 8,962

Q19 Mathematics

The product of two consecutive natural numbers is 650. The greater of the two numbers is:

A. 26



B. 29

C. 31

D. 43

Q20 Mathematics

₹45,800 were divided among A, B and C such that 2 times the share of A = 4 times the share of B = 7 times the share of C. Find the share of A.

A. ₹25,828

B. ₹25,582

C. ₹25,611

D. ₹25,648

**Q21 Mathematics**

Find the value of: $69^{-4} \div 69^{15} \times 69^{-9}$

A. 69^{-23} B. 69^{-37} C. 69^{-38} D. 69^{-28} **Q22 Mathematics**

What smallest number should be added to 19964 so that the sum is completely divisible by 76?

A. 22

B. 21

C. 24



D. 25

Q23 Mathematics

If 2 times a mother's present age is 26 years more than 6 times her daughter's present age, and 4 times the daughter's present age is 4 years less than the mother's present age, then what is the difference (in years) between the ages of the mother and the daughter?

A. 31



B. 36

C. 29

D. 32

Q24 Mathematics

Kiran can do a certain piece of work in 26 days. Kiran and Garima can together do the same work in 13 days, and Kiran, Garima and Mehak can do the same work together in 10 days. In how many days can Kiran and Mehak do the same work together?

A. $\frac{60}{6}$ B. $\frac{65}{4}$ C. $\frac{74}{5}$ D. $\frac{64}{4}$ 

Q25 Mathematics

A can do a work in 11 days and B can do the same work in 23 days. If they work on it together for 2 days, then what fraction of the work is left?

A. $\frac{192}{253}$

B. $\frac{181}{253}$

C. $\frac{185}{253}$ ✓

D. $\frac{193}{253}$

Q26 Mathematics

Find the value of x satisfying: $3(3x^2 - 6) - 3(3x^2 + 5x - 7) = 19$

A. $-\frac{26}{15}$

B. $-\frac{14}{15}$

C. $-\frac{16}{15}$ ✓

D. $-\frac{13}{15}$

Q27 Mathematics

By how much is 65% of 75 greater than $\frac{3}{5}$ of 55?

A. 15.75 ✓

B. 12.75

C. 13.75

D. 9.75



Q28 Mathematics

Simplify: $\frac{(1 + \sin A)(\sec A - \tan A)}{\operatorname{cosec} A(1 - \cos A)(\operatorname{cosec} A + \cot A)}$

A. $\tan A$

B. $\cos A$ ✓

C. 1

D. 2

Q29 Mathematics

Himanshi bought a toy for ₹743, decorated it at a cost of ₹8 and sold the toy for ₹750. Find the loss or profit percentage.

A. $\frac{110}{751}\%$ profit

B. 100% loss

C. $\frac{100}{751}\%$ profit

D. $\frac{100}{751}\%$ loss ✓

Q30 Mathematics

The simple interest on a certain sum for $2\frac{7}{8}$ years at the rate of 2.9% per annum is ₹8,671.

What will be the amount payable on the same sum at the rate of 4.5% per annum simple interest in $4\frac{2}{5}$ years?

A. ₹1,24,574

B. ₹1,24,590

C. ₹1,24,608

D. ₹1,24,592 ✓

General Intelligence & Reasoning

30 Questions • Answer Key

Q31 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series based on the English alphabetical order?

TVY QSV NPS KMP ?

A. HJM ✓

B. HJN

C. HIN

D. HIM

Q32 General Intelligence & Reasoning

Paras, Mani, Kajal, Kunj, Vani and Saras are sitting around a circle, facing the centre. Saras sits third to the left of Vani. Vani sits second to the right of Paras. Kunj sits second to the left of Kajal. Who sits to the immediate right of Mani?

A. Paras

B. Saras ✓

C. Kajal

D. Vani



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Q33 General Intelligence & Reasoning

If 2 is added to each even digit and 1 is subtracted from each odd digit in the number 4376295, then which of the following digits will be third from the right in the new number thus formed?

A. 8

B. 4



C. 2

D. 7

Q34 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series?

44 39 29 14 -6 ?

A. -34

B. -31



C. -32

D. -35

Q35 General Intelligence & Reasoning

Select the pair which follows the same pattern as that followed by the two pairs given below. Both pairs follow the same pattern.

LXK : PVH

BPY : FNV

A. LBO : PGS

B. TTE : XRB



C. LHC : PEG

D. PNW : TKA

Q36 General Intelligence & Reasoning

In the following number-pairs, the second number is obtained by applying certain mathematical operations to the first number. Select the pair in which the numbers are related in the same way as are the numbers of the following pairs.

(Note: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g., 13 – Operations on 13 such as adding/subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

21, 124

18, 106

A. 6, 36

B. 13, 76



C. 9, 56

D. 15, 86

Q37 General Intelligence & Reasoning

In a row of 49 students facing North, Anish is 17th from the right end. If Raghav is 12th to the left of Anish, what is Raghav's position from the left-end of the line?

A. 20th

B. 22nd

C. 23rd

D. 21st

**Q38 General Intelligence & Reasoning**

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

All oranges are bananas.

All bananas are grapes.

Conclusions:

(I): All oranges are grapes.

(II): All grapes are bananas

A. Both conclusions (I) and (II) follow .

B. Only conclusion (II) follows.

C. Only conclusion (I) follows.



D. Neither conclusion (I) nor (II) follows.



Q39 General Intelligence & Reasoning

In the following triads, each group of letters is related to the subsequent one following a certain logic. Select from the given options, the one which follows the same logic.

MINT - ITNM - TNIM
PLUS - LSUP - SULP

- A. WANT - AWNT - TANW
- B. REST - RSET - TSER
- C. TOWN - OTWN - NOWT
- D. COIL - OLIC - LIOC

**Q40 General Intelligence & Reasoning**

This question is based on the five, three-digit numbers given below.

(Left) 452 561 514 232 294 (Right)

(Example- 697 – First digit = 6, second digit = 9 and third digit = 7)

(NOTE: All operations to be done from left to right.)

What will be the resultant if the first digit of the highest number is added to the third digit of the lowest number?

- A. 6
- B. 7
- C. 4
- D. 14

**Q41 General Intelligence & Reasoning**

Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

- A. PU-IM
- B. BG-UZ
- C. XC-QV
- D. KP-DI

**Q42 General Intelligence & Reasoning**

VELG is related to ZZPB in a certain way based on the English alphabetical order. In the same way, DUTW is related to HPXR. To which of the given options is LKBM related, following the same logic?

- A. REEG
- B. OEFG
- C. PFFH
- D. QDEH

**Q43 General Intelligence & Reasoning**

If 1 is added to each even digit and 1 is subtracted from each odd digit in the number 697312458, what will be the sum of all the odd digits in the new number thus formed?

- A. 20
- B. 18
- C. 24
- D. 26

**Q44 General Intelligence & Reasoning**

Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

VOH 90, SLE 83, PIB 76, MFY 69, JCV 62, ?

- A. GJS 55
- B. HZS 55
- C. GZS 55
- D. GZI 55

**Q45 General Intelligence & Reasoning**

A, B, C, D, J, K and L are sitting around a circular table, facing the centre of the table.

Only one person sits between A and L when counted from the right of A. Only one person sits between L and J. Only one person sits between A and D. Only two people sit between K and J. Only one person sits between C and D. Who sits third to the right of B?

- A. A
- B. C
- C. D
- D. L

**Q46 General Intelligence & Reasoning**

What should come in place of the question mark (?) in the given series?

60 71 93 137 225 ?

- A. 403
- B. 400
- C. 401
- D. 402



Q47 General Intelligence & Reasoning

Refer to the following number and symbol series and answer the question that follows. All numbers are single-digit. Counting to be done from left to right only.

(Left) Ω 2 % 8 & £ 4 * 5 9 ? 6 \$ 1 3 # 7 @ (Right)

If all the symbols are dropped from the series, which of the following will be sixth from the right end?

A. 4

B. 8

C. 9

D. 5

**Q48 General Intelligence & Reasoning**

Bismil starts from Point A and drives 14 km towards South. He then takes a left turn, drives 19 km, turns left and drives 16 km. He then takes a left turn and drives 26 km. He takes a final left turn, drives 2 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90° turns only unless specified.)

A. 6 km to the west

B. 7 km to the east



C. 6 km to the east

D. 7 km to the west

Q49 General Intelligence & Reasoning

A is the son of K. K is the father of P. P is the sister of D. D is the mother of M. M is the son of R. R is the son of B. How is A related to M?

A. Mother's father

B. Father's brother

C. Father's father

D. Mother's brother

**Q50 General Intelligence & Reasoning**

In a certain code language, 'COLD' is coded as '2357' and 'LEAN' is coded as '4136'. What is the code for 'L' in that language?

A. 6

B. 3



C. 4

D. 5

Q51 General Intelligence & Reasoning

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements: Some notes are books. All books are keys.

Conclusions (I): Some notes are keys.

Conclusions (II): All keys are books.

A. Only conclusion (I) follows.



B. Both conclusions (I) and (II) follow.

C. Only conclusion (II) follows.

D. Neither conclusion (I) nor (II) follows.

Q52 General Intelligence & Reasoning

Seven boxes A, B, C, D, E, F and G are kept one over the other but not necessarily in the same order. Only three boxes are kept above E. Only one box is kept between G and E. Only three boxes are kept between G and C. C is kept at some place above E. B is kept immediately below C. D is kept at one of the places above F. A is not kept immediately above or below G. How many boxes are kept between C and D?

A. 3

B. 4

C. 1

D. 2

**Q53 General Intelligence & Reasoning**

Each of the digits in the number 8912346 is arranged in ascending order from left to right. What will be the sum of the digits that are second from the left and second from the right in the new number thus formed?

A. 10



B. 6

C. 8

D. 7

Q54 General Intelligence & Reasoning

Namit ranked 13th from the bottom and 19th from the top in his class. How many students are there in his class?

A. 31



B. 32

C. 33

D. 30



Q55 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

- A. TJ - QE
- B. KL - HG
- C. ZC - WX
- D. OD - KY

**Q56 General Intelligence & Reasoning**

Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which is the one that DOES NOT belong to that group? (Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

- A. JE - QT
- B. HC - QR
- C. VQ - CF
- D. AV - HK

**Q57 General Intelligence & Reasoning**

Select the number from among the given options that can replace the question mark (?) in the following series.
180 159 135 108 78 ?

- A. 45
- B. 32
- C. 54
- D. 35

**Q58 General Intelligence & Reasoning**

If 2 is added to each even digit and 1 is subtracted from each odd digit in the number 76391452, how many digits will appear more than once in the new number thus formed?

- A. Two
- B. Four
- C. One
- D. Three

**Q59 General Intelligence & Reasoning**

Anil starts from Point Y and drives 12 km towards the south. He then takes a right turn and drives 36 km, then turns left and drives 33 km. He then takes a left turn and drives 17 km. He takes a left turn and drives 21 km. He then turns right and drives 19 km, then turns right and drives 13 km to stop at Point Z. How far (shortest distance) and in which direction should he drive in order to reach Point Y again? (All turns are 90-degree turns only unless specified.)

- A. 41 km towards the south
- B. 42 km towards the north
- C. 39 km towards the south
- D. 37 km towards the north

**Q60 General Intelligence & Reasoning**

In a certain code language, 'POUR' is coded as '4527' and 'UNIT' is coded as '1356'. What is the code for 'U' in that language?

- A. 5
- B. 3
- C. 2
- D. 1

**General Awareness**

40 Questions • Answer Key

Q61 General Awareness

Which of the following techniques was used by the Harappans to create bronze sculptures?

- A. Lost-wax casting
- B. Stone carving
- C. Engraving
- D. Hand-molding

**Q62 General Awareness**

Which state's physiography is largely defined by the Indo-Gangetic Plain?

- A. Uttar Pradesh
- B. Sikkim
- C. Jharkhand
- D. Rajasthan



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Q63 General Awareness

Under which Article does the Supreme Court of India exercise original jurisdiction in cases involving the violation of Fundamental Rights?

- A. Article 226
- B. Article 131
- C. Article 136
- D. Article 32

**Q64 General Awareness**

What was the theme of the 'World Sustainable Development Summit' organised by 'The Energy and Resources Institute' (TERI) at India Habitat Centre New Delhi in March 2025?

- A. Ecosystem Restoration
- B. Land Restoration, Desertification and Drought Resilience
- C. Partnerships for Accelerating Sustainable Development and Climate Solutions
- D. Invest In Our Planet

**Q65 General Awareness**

In which year was the Rajiv Gandhi Khel Ratna Award officially renamed the Major Dhyan Chand Khel Ratna Award?

- A. 2017
- B. 2015
- C. 2021
- D. 2019

**Q66 General Awareness**

What was India's rank in the 2025 Human Development Index (HDI) released by the United Nations Development Programme (UNDP)?

- A. 135
- B. 130
- C. 125
- D. 140

**Q67 General Awareness**

Which of the following quantities has both magnitude and direction?

- A. Distance
- B. Speed
- C. Velocity
- D. Time

**Q68 General Awareness**

Which sector was most affected by liberalisation in India?

- A. IT
- B. Agriculture
- C. Public Distribution
- D. Industry and Services

**Q69 General Awareness**

Which of the following actions will move a file to the Recycle Bin in Windows?

- A. Right-click the file → Select Rename
- B. Right-click the file → Select Delete
- C. Press Enter on the selected file
- D. Drag the file into Taskbar

**Q70 General Awareness**

Where is India's first Quantum Computing Village proposed to be established, as per a meeting by that state's government in April 2025, under the Real-Time Governance Society (RTGS)?

- A. Patna, Bihar
- B. Amaravati, Andhra Pradesh
- C. Bengaluru, Karnataka
- D. Thiruvananthapuram, Kerala

**Q71 General Awareness**

What was the position of India in 2014 among the economies of the world?

- A. 12thlargest
- B. 7thlargest
- C. 15thlargest
- D. 10thlargest

**Q72 General Awareness**

Launched by the former Vice-President Jagdeep Dhankhar in May 2025, who is the author of the book 'Chunautiyan Mujhe Pasand Hain'?

- A. Pratap Shukla
- B. Santosh Kumar Gangwar
- C. Anandiben Patel
- D. Thaawarchand Gehlot



Q73 General Awareness

Which of the following initiatives were launched by the Department of Posts in May 2025 to modernise India's addressing system and enhance last-mile delivery?

- A. Digital India Address Mapping and National Postal Tracker
- B. Know Your DIGIPIN and Know Your PIN Code web platforms ✓
- C. India Address Precision System and Postal Service Enhancer
- D. GeoLocate India and Postal Code Finder

Q74 General Awareness

Which tribal leader led the Munda Ulgulan (rebellion) in the 1890s?

- A. Gunda Dhur
- B. Tilka Manjhi
- C. Tana Bhagat
- D. Birsa Munda ✓

Q75 General Awareness

Aruna Asaf Ali is widely remembered for hoisting the Indian National flag during the Quit India Movement in 1942 at the _____.

- A. Gowalia Tank Maidan, Bombay ✓
- B. Shivaji Park, Bombay
- C. Pragati Maidan, Delhi
- D. Gandhi Maidan, Patna

Q76 General Awareness

Which of the following is an example of chemical weathering?

- A. Abrasion
- B. Frost action
- C. Oxidation ✓
- D. Exfoliation

Q77 General Awareness

According to the 2024 World Happiness Report, which country was ranked as the happiest?

- A. Finland ✓
- B. Denmark
- C. Sweden
- D. Iceland

Q78 General Awareness

The Golden Quadrilateral connects which of the following four major metro cities?

- A. Delhi, Chennai, Kolkata, Mumbai ✓
- B. Delhi, Mumbai, Hyderabad, Kolkata
- C. Delhi, Bengaluru, Hyderabad, Chennai
- D. Mumbai, Kolkata, Bhopal, Bengaluru

Q79 General Awareness

Who is described as the 'permanent executive'?

- A. The heads of government and their ministers
- B. The permanent civil servants who manage daily administration ✓
- C. Judges of the Supreme Court
- D. Members of the elected Parliament

Q80 General Awareness

Equal pay for equal work is ensured under which Article?

- A. Article 39(d) ✓
- B. Article 43
- C. Article 39(a)
- D. Article 42

Q81 General Awareness

Which of the following sectors contributed the most to India's defence exports in FY 2023-24?

- A. Only DPSUs
- B. The private sector contributed about 60% and DPSUs about 40% ✓
- C. The private sector and DPSUs equally
- D. Only the private sector

Q82 General Awareness

The Mutual Credit Guarantee Scheme, approved by the Government of India in January 2025, provides what percentage of guarantee coverage for credit facility to member lending institutions?

- A. 60% ✓
- B. 40%
- C. 50%
- D. 80%



Q83 General Awareness

What does the closeness of magnetic field lines indicate about the magnetic field?

- A. Direction of the electric field
- B. Direction of the magnetic field
- C. Presence of electric charge
- D. Relative strength of the magnetic field ✓

Q84 General Awareness

What is the name of India's indigenous long-range surface-to-air missile system under development, expected to be operational by 2028-29?

- A. Akash-NG
- B. Agni-V
- C. Project Kusha ✓
- D. Trishul

Q85 General Awareness

Which of the following changes would need the approval of at least half of all State Legislatures?

- A. Amending the Emergency provisions in Part XVIII ✓
- B. Changing the Guarantee of Fundamental Rights
- C. Altering the Union List of subjects
- D. Rewriting the Preamble's text

Q86 General Awareness

The ampere magnitude is determined by setting the numerical value of the elementary charge equal to ____ .

- A. $1.611547243 \times 10^{-19}C$
- B. $1.624432754 \times 10^{-17}C$
- C. $1.602176634 \times 10^{-19}C$ ✓
- D. $1.655908436 \times 10^{-18}C$

Q87 General Awareness

Which Chilean filmmaker won the top award in the Un Certain Regard section at the 77th Cannes Film Festival for the debut feature 'The Mysterious Gaze of the Flamingo'?

- A. Diego Céspedes ✓
- B. Andrés Wood
- C. Pablo Larraín
- D. Sebastián Lelio

Q88 General Awareness

Which of the following tribunals deals specifically with service-related matters of public servants?

- A. Central Administrative Tribunal ✓
- B. Income Tax Appellate Tribunal
- C. National Green Tribunal
- D. Armed Forces Tribunal

Q89 General Awareness

Which private firm produced the first rear fuselage for Light Combat Aircraft Mk1A that was handed over to Hindustan Aeronautics Limited (HAL) in Bengaluru?

- A. Alpha Tocol Engineering Services ✓
- B. Tata Advanced Systems
- C. Mahindra Defence
- D. Larsen & Toubro

Q90 General Awareness

What is the primary objective of the Inter-Services Organisations (Command, Control & Discipline) Rules, which came into effect from May 2025?

- A. To establish a unified military command structure ✓
- B. To centralise intelligence operations
- C. To integrate paramilitary forces under the Ministry of Defence
- D. To privatise defence manufacturing

Q91 General Awareness

Between 1991 and 2020, India's export-import trends show:

- A. Rising imports outpacing exports and widening the trade deficit ✓
- B. Trade surplus every year
- C. Continuous decline of imports
- D. Export-to-import ratio remaining at 1:1

Q92 General Awareness

Which key urban feature of Indus Valley cities shows advanced planning with streets intersecting at right angles and covered drains?

- A. Citadel only
- B. Grid-pattern layout ✓
- C. Forts
- D. Slums



Q93 General Awareness

Who was the sole representative of the Indian National Congress in the 2nd Round Table Conference of 1931?

- A. Jawaharlal Nehru
- B. Mahatma Gandhi ✓
- C. Chittaranjan Das
- D. Dr B R Ambedkar

Q94 General Awareness

In which State will north India's first nuclear project be set up?

- A. Punjab
- B. Haryana ✓
- C. Uttarakhand
- D. Himachal Pradesh

Q95 General Awareness

The PM SVANidhi scheme is available for beneficiaries belonging to only those States/UTs which have notified rules and a scheme under the Street Vendors (Protection of Livelihood and Regulation of Street Vending) Act, _____.

- A. 2008
- B. 2005
- C. 2001
- D. 2014 ✓

Q96 General Awareness

Clear skies, rising temperatures, and moist land — conditions commonly referred to as 'October heat' — are associated with which of the following in the Indian context?

- A. Cyclonic Depressions of Arabian Sea
- B. Monsoon Wind striking the Western Coast
- C. Retreating Monsoon ✓
- D. Cyclonic Depressions of Bay of Bengal

Q97 General Awareness

Arthashastra, which formed the basis of governance and administration during the Mauryan period, discussed which of the following problems of the citizens?

- A. Socio-economic problems ✓
- B. Ethical and morality issues of the rulers
- C. Cross-border and educational issues
- D. Geo-political problems of the kingdom

Q98 General Awareness

Which of the following is the largest source of electricity generation in India?

- A. Wind energy
- B. Solar energy
- C. Thermal power ✓
- D. Nuclear energy

Q99 General Awareness

Which Indian minister highlighted India's economic growth and IT advancements at Davos 2025?

- A. Rajnath Singh
- B. Ashwini Vaishnaw ✓
- C. Piyush Goyal
- D. Nirmala Sitharaman

Q100 General Awareness

Which of the following pairs is correctly matched with both its abbreviation and its function?

- A. PCB – Printed Chip Base – Transfers data from CPU to display
- B. RAM – Read Access Memory – Runs the operating system even after power is off
- C. CPU – Central Processing Unit – Stores user files permanently
- D. ROM – Read Only Memory – Stores boot instructions needed when the computer is powered on ✓



Mathematics

30 Questions • Answer Key

Q1 Mathematics

If the marked price of a calculator is ₹600 and ₹50 discount is offered on the calculator, then find the discount percentage (correct to two decimal places).

A. 9.53%

B. 8.33% ✓

C. 10.33%

D. 7.53%

Q2 Mathematics

The cost of 7 pens and 13 pencils is ₹128. If the cost of a pen decreases by ₹7 and the cost of a pencil increases by ₹2, then the cost of 14 pens and 10 pencils is ₹98. What is the original cost of 9 pens and 7 pencils?

A. ₹111

B. ₹117

C. ₹112

D. ₹116 ✓

Q3 Mathematics

The perimeter of a square is 52 m. Its area (in m^2) is:

A. 180

B. 168

C. 169 ✓

D. 172

Q4 Mathematics

Find the simple interest (in ₹) on ₹4,000 at 7.5% per annum rate of interest deposited on 10 February 2024 and withdrawn on 11 April 2024.

A. 49

B. 50 ✓

C. 48

D. 51

Q5 Mathematics

The LCM of the numbers 2.1 and 0.35 is:

A. 2.1 ✓

B. 21

C. 0.21

D. 0.021

Q6 Mathematics

If 2 times the age of Ram is 30 years more than 4 times the age of Ramya, and 5 times the age of Ramya is 6 year less than the age of Ram, then what is the difference (in years) between the ages of Ram and Ramya?

A. 15

B. 18 ✓

C. 13

D. 17

Q7 Mathematics

Which of the following numbers is divisible by 14?

A. 71,32,960

B. 67,94,266

C. 70,48,048 ✓

D. 64,36,639

Q8 Mathematics

Find the mean proportional between 25 and 36.

A. 27

B. 32

C. 30 ✓

D. 33



Q9 Mathematics

The marks scored by 10 students are given below.

12, 14, 16, 13, 15, 14, 16, 10, 16, 12

The mode of the data is:

A. 16



B. 14

C. 13

D. 12

Q10 Mathematics

A bus travelling at 28 km/hr completes a journey in 20 hours. What should its speed be to cover the same distance in 14 hours?

A. 34 km/hr

B. 50 km/hr

C. 40 km/hr



D. 39 km/hr

Q11 Mathematics

A shopkeeper marks a product 40% above the cost price. He offers a discount of 20% on the marked price and sells it. What is his gain or loss percentage?

A. 12% gain



B. 15% gain

C. 10% loss

D. 8% loss

Q12 Mathematics

Train A leaves station M at 8:20 AM and reaches station N at 3:20 PM on the same day. Train B leaves station N at 10:20 AM and reaches station M at 3:20 PM on the same day. Find the time when trains A and B meet.

A. 12:25 PM



B. 12:05 PM

C. 12:35 PM

D. 12:15 PM

Q13 Mathematics

In an election between two candidates, 95% of the registered voters cast their vote and 20% of the votes polled were found invalid. The winning candidate got 59% of the valid votes and won the election by a margin of 1881 votes. How many voters were registered?

A. 13750



B. 13751

C. 13749

D. 13747

Q14 Mathematics

Find the simple interest (in ₹) on ₹1,200 at an interest rate of 4% per month for 7 months.

A. ₹48

B. ₹28



C. ₹336

D. ₹56

Q15 Mathematics

The H.C.F. and the L.C.M. of two numbers are 25 and 250 respectively. If one of the numbers is 50, find the other one.

A. 175

B. 150

C. 75

D. 125

**Q16 Mathematics**

Find the value of: $66^{-5} \div 66^{11} \times 66^{-12}$

A. 66^{-34}

B. 66^{-27}

C. 66^{-25}

D. 66^{-28}

**Q17 Mathematics**

A number, when decreased by 7%, gives 2790. The number is:

A. 6000

B. 3000



C. 9000

D. 1500



Q18 Mathematics

The average of first 153 odd natural numbers, is:

- A. 152.5
- B. 154
- C. 153.5
- D. 153

**Q19 Mathematics**

The number of prime numbers lying between 472 and 486, both included, is:

- A. 5
- B. 1
- C. 6
- D. 2

**Q20 Mathematics**

ABCD is a quadrilateral with $\angle A = 3(x + 2)^\circ$, $\angle B = 2(2x - 7)^\circ$, $\angle C = 69^\circ$ and $\angle D = \angle C - 8^\circ$. What is the value of $\angle B$?

- A. 183°
- B. 128°
- C. 153°
- D. 122°

**Q21 Mathematics**

Find the total surface area of a cuboidal box whose length is 84 cm, breadth is 45 cm and height is 25 cm.

- A. 14,250cm²
- B. 14,380cm²
- C. 14,010cm²
- D. 14,120cm²

**Q22 Mathematics**

Find the value of $[592 \div \{12 + 2 \times (3 - 7)\}]$.

- A. 152
- B. 148
- C. 147
- D. 145

**Q23 Mathematics**

By selling 6 tablets for a rupee, a man loses 35%. To gain 30% how many must he sell for a rupee?

- A. 3
- B. 4
- C. 5
- D. 2

**Q24 Mathematics**

A, B and C started a business investing ₹2,410, ₹1,170 and ₹700, respectively. If B's share in the profit earned by them is ₹1,092. what is the difference in the profit (in ₹) earned by A and C?

- A. ₹1,595
- B. ₹1,596
- C. ₹1,597
- D. ₹1,593

**Q25 Mathematics**

Anubhav and Gaurav start a business. Anubhav invests ₹37,000 more than Gaurav for 3 months and Gaurav invests for 4 months. Anubhav's share is ₹1,745 more than that of Gaurav, out of a total profit of ₹8,725. Find the capital contributed by Anubhav.

- A. ₹73,800
- B. ₹74,122
- C. ₹74,000
- D. ₹74,002

**Q26 Mathematics**

4 men can complete a piece of work in 18 days, while 9 women can do it in 8 days. In how many days can 3 women and 3 men complete this work?

- A. 17 days
- B. 16 days
- C. 12 days
- D. 11 days



Q27 Mathematics

Simplify: $\sqrt{\frac{(1 + \cos A)}{(1 - \cos A)}}$

- A. $\cos A + \cot A$
- B. $\sin A + \tan A$
- C. $\operatorname{cosec} A + \tan A$
- D. $\operatorname{cosec} A + \cot A$ ✓

Q28 Mathematics

Pipe A can fill a tank in 12 hours, pipe B can fill the same tank in 21 hours and pipe C can fill the same tank in 16 hours. The time taken by them to fill the same tank if they operate together is::

- A. $5\frac{11}{65} \text{ hours}$ ✓
- B. $11\frac{11}{65} \text{ hours}$
- C. $2\frac{11}{65} \text{ hours}$
- D. $1\frac{11}{65} \text{ hours}$

Q29 Mathematics

Simplify: $3\left(\left(\frac{7}{3}\right)x^2 - 28x + 14\right) - 7(x^2 + 4x - 14)$

- A. $-112x + 140$ ✓
- B. $112x + 140$
- C. $-112x - 140$
- D. $112x - 140$

Q30 Mathematics

By selling an article at $\frac{5}{11}$ of its actual selling price, Hitesh incurs a loss of 15%.

If he sells it at 90% of its actual selling price, then the profit percentage is:

- A. 68.3% ✓
- B. 66.6%
- C. 67.4%
- D. 69.8%



Q31 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. IE-BG

B. NJ-GL

C. KG-DI

D. PL-IM

**Q32** General Intelligence & Reasoning

Seven boxes U, V, W, X, E, F and G are kept one over the other but not necessarily in the same order.
Only V is kept above E. Only W is kept between E and U.
Only F is kept below X. How many boxes are kept between G and F?

A. Two

B. Four

C. One



D. Three

Q33 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series?

285 260 237 216 197 ?

A. 150

B. 180



C. 160

D. 170

Q34 General Intelligence & Reasoning

If + means $\times$, $\times$ means $\div$ and $\div$ means +, then what will come in place of the question mark (?) in the following equation?

$4 - 5 \div 40 \times 4 + 23 = ?$

A. 19

B. 7



C. 13

D. 2

Q35 General Intelligence & Reasoning

In a certain code language, 'OLEA' is coded as '1542' and 'PEAL' is coded as '4651'. What is the code for 'P' in that language?

A. 1

B. 5

C. 4

D. 6

**Q36** General Intelligence & Reasoning

In the following triads, each group of letters is related to the subsequent one following a certain logic. Select from the given options, the one which follows the same logic.

DEAR - DRAE - RAED

BALM - BMLA - MLAB

A. MOST - MTSO - TSOM



B. BURN - UBRN - NURB

C. MEAL - MELA - EALM

D. SWAG - SAWG - GAWS

Q37 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series?

879 880 884 893 909 ?

A. 937

B. 929

C. 934



D. 931

Q38 General Intelligence & Reasoning

Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

IQA 15 GMB 8 EIC -1 CED -12 ?

A. DNE -45

B. AAE -25



C. BCE -54

D. BAE -33



Q39 General Intelligence & Reasoning

MERIT is related to RJWNY in a certain way based on the English alphabetical order. In the same way, DRAWN is related to IWFB. To which of the given options is SHAPE related, following the same logic?

A. YNGVK

B. XMFUJ



C. WLETI

D. YMETK

Q40 General Intelligence & Reasoning

Each of the digits in the number 31246978 is arranged in descending order from left to right. The position of how many digits will remain unchanged as compared to that in the original number?

A. Three

B. None



C. Two

D. One

Q41 General Intelligence & Reasoning

In a certain code language,

A \$ B means 'A is the son of B'

A + B means 'A is the brother of B'

A @ B means 'A is the wife of B'

A ÷ B means 'A is the father of B'

Based on the above, how is E related to N if 'E + F \$ G @ M ÷ N'?

A. Brother



B. Son

C. Father

D. Husband

Q42 General Intelligence & Reasoning

Each of the digits in the number 3417659 is arranged in the ascending order from left to right. What will be the sum of the digits that are second from the left and second from the right in the new number thus formed?

A. 11

B. 9

C. 12

D. 10

**Q43 General Intelligence & Reasoning**

Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group? (Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. RYT



B. LSM

C. IPJ

D. OVP

Q44 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series?

58 , 64 , 73 , 85 , 100 , ?

A. 119

B. 120

C. 118



D. 121

Q45 General Intelligence & Reasoning

Read the given statements and conclusions carefully.

Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

All horses are cats.

No horse is a lion.

Conclusions:

(I): Some lions are cats.

(II): All cats are lions.

A. Both conclusions (I) and (II) follow.

B. Neither conclusion (I) nor (II) follows.



C. Only conclusion (I) follows.

D. Only conclusion (II) follows.



Q46 General Intelligence & Reasoning

Six friends J, K, L, T, U and V are sitting around a circular table, facing the centre. V sits second to the right of L, who sits second to the right of U. J sits to the immediate right of U. T sits second to the left of K. How many people sit between T and U when counted from the left of T?

A. None

B. Two



C. Three

D. One

Q47 General Intelligence & Reasoning

In a row of people all facing north, Pranali is 21st from the left end and Anuj is 23rd from the left end. Anuj is exactly between Pranali and Harish. If Harish is 8th from the right end of the row, how many people are there in the row?

A. 33

B. 30

C. 32



D. 31

Q48 General Intelligence & Reasoning

Town A is to the east of Town B. Town C is to the south of Town A. Town D is to the east of Town C. Town E is to the south of Town D. Town F is to the east of Town E. What is the position of Town F with respect to Town A?

A. Northwest

B. Northeast

C. North

D. Southeast

**Q49 General Intelligence & Reasoning**

In a certain code language, 'PANK' is coded as '1846' and 'KINA' is coded as '1689'. What is the code for 'I' in the given code language?

A. 8

B. 1

C. 6

D. 9

**Q50 General Intelligence & Reasoning**

Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding to/subtracting from/multiplying with 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(32, 64, 54)

(23, 46, 36)

A. (18, 36, 16)

B. (21, 42, 52)

C. (29, 58, 48)



D. (25, 40, 30)

Q51 General Intelligence & Reasoning

AJLR is related to XHIP in a certain way based on the English alphabetical order. In the same way, OBZJ is related to LZWH. To which of the given options is FVQD related, following the same logic?

A. CTBN

B. CBNT

C. CBTY

D. CTNB

**Q52 General Intelligence & Reasoning**

What will come in the place of the question mark (?) in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged?

$$35 \times 5 \div 7 - 11 + 8 = ?$$

A. 52



B. 50

C. 53

D. 51



Q53 General Intelligence & Reasoning

Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) © 7 # 6 \$ 6 4 7 & % 4 % 2 7 € 6 5 8 * \$ 4 4 (Right)

How many such numbers are there each of which is immediately preceded by a number and also immediately followed by a symbol?

A. 3



B. 4

C. 2

D. 5

Q54 General Intelligence & Reasoning

Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?'

CKS 11, ZHP 23, WEM 47, TBJ 95, QYG 191, ?

A. NOD 383

B. DND 383

C. NVD 381

D. NVD 383

**Q55 General Intelligence & Reasoning**

Kishan starts from Point A and drives 15 km towards East. He then takes a right turn, drives 9 km, turns right and drives 8 km. He then takes a left turn and drives 6 km. He takes a final right turn, drives 7 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90° turns only unless specified.)

A. 15 km towards South

B. 18 km towards East

C. 18 km towards North

D. 15 km towards North

**Q56 General Intelligence & Reasoning**

Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. IM - SJ

B. GK - QI



C. MQ - WN

D. KO - UL

Q57 General Intelligence & Reasoning

H, I, J, P, Q, R and S are sitting around a circular table facing the centre of the table. Only one person sits between H and Q when counted from the left of Q. S sits third to the right of R. J sits third to the left of P. S sits to the immediate right of J. I is not an immediate neighbour of J. How many people sit between I and Q when counted from the right of I?

A. Three



B. One

C. Four

D. Two

Q58 General Intelligence & Reasoning

This question is based on the five, three-digit numbers given below.

(Left) 564 782 368 225 743 (Right)

(Example: 697 – First digit = 6, second digit = 9 and third digit = 7)

(NOTE: All operations to be done from left to right.)

If 2 is added to the first digit of every number, in how many numbers will the first digit be exactly divisible by the second digit?

A. None

B. Three

C. Two

D. One

**Q59 General Intelligence & Reasoning**

Seven boxes, A, B, C, D, E, F and G, are kept one over the other but not necessarily in the same order.

Only G is kept above B. Only F is kept between B and C.

Only E is kept below A.

How many boxes are kept between E and F?

A. 1

B. 4

C. 3



D. 2



Q60 General Intelligence & Reasoning

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

All jars are cups.
Some jars are kettles.

Conclusions:

- (I) Some cups are kettles.
(II) Some kettles are jars.

- A. Neither conclusion (I) nor (II) follows.
B. Both conclusions (I) and (II) follow. ✓
C. Only conclusion (I) follows.
D. Only conclusion (II) follows.

General Awareness

40 Questions • Answer Key

Q61 General Awareness

As on 1 May 2025, who among the following is NOT a full time member of the 16th Finance Commission?

- A. Ajay Narayan Jha
B. Dr. Manoj Panda
C. Dr. Soumya Kanti Ghosh ✓
D. Annie George Mathew

Q62 General Awareness

What is the primary purpose of the 'Ayush Suraksha' portal launched by the Union Ayush Minister in 2025?

- A. To monitor misleading ads and adverse drug reactions in real time ✓
B. To promote exports of Ayurvedic drugs through global outreach
C. To track AYUSH medicine imports through a digital interface
D. To certify traditional healers and standardise treatment protocols

Q63 General Awareness

Women are guaranteed a minimum of ____ of seats in Panchayats.

- A. 33% ✓
B. 25%
C. 40%
D. 50%

Q64 General Awareness

Which of the following statements about action and reaction forces is correct?

- A. Action is always greater than reaction in magnitude.
B. Action and reaction forces act on the same body and cancel each other.
C. Action and reaction forces are equal, opposite and act on different bodies. ✓
D. The internal action and reaction forces between different parts of a body do not cancel out.

Q65 General Awareness

Which of the following women players won three medals including one individual gold medal at the Archery World Cup Stage 2 at Shanghai, China in May 2025?

- A. Jyothi Surekha Vennam
B. Madhura Dhamangaonkar ✓
C. Chikitha Taniparthi
D. Deepika Kumari

Q66 General Awareness

Which of the following is a goal of the Directive Principles of State Policy?

- A. Right to constitutional remedies ✓
B. Freedom of speech
C. Promotion of international peace and security
D. Protection against arrest



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Q67 General Awareness

Biological disasters are mainly caused by:

- A. infectious diseases and epidemics** ✓
- B. earthquakes and volcanic eruptions
- C. climate change
- D. fire and smoke

Q68 General Awareness

Which political party formed the Government in the State of Andhra Pradesh in 2025?

- A. YSR Congress Party
- B. Bharatiya Janata Party
- C. Indian National Congress
- D. Telugu Desam Party (TDP)** ✓

Q69 General Awareness

In May 2025, DRDO achieved a significant milestone by conducting a long-duration ground test of which hypersonic technology component?

- A. Supersonic Combustor
- B. Ramjet Propulsion System
- C. Hyperloop Module
- D. Scramjet Subscale Combustor** ✓

Q70 General Awareness

What is the administrative jurisdiction of Central Services officers?

- A. Both Union and State
- B. Joint between the State and the Centre
- C. Exclusive to the Central Government** ✓
- D. Elected Constitutional Authorities

Q71 General Awareness

Which Indian institution collaborated with Inria Saclay in May 2025 to develop an AI tool aimed at combating antimicrobial resistance?

- A. IIIT-Delhi** ✓
- B. IIT Madras
- C. IISc Bangalore
- D. IIT Bombay

Q72 General Awareness

Which macromolecule is primarily responsible for energy storage in plants?

- A. Proteins
- B. Starch** ✓
- C. Nucleic acids
- D. Vitamins

Q73 General Awareness

The India–Chile joint statement (April 2025) announced talks toward upgrading their PTA into a comprehensive _____.

- A. Currency Union
- B. Free Trade Agreement
- C. Economic Partnership Agreement** ✓
- D. NAFTA-style bloc

Q74 General Awareness

Which Union Territory of India recorded the highest population density in 2011, as per Census data?

- A. Lakshadweep
- B. Delhi** ✓
- C. Puducherry
- D. Chandigarh

Q75 General Awareness

Why is the Peninsular Plateau considered geologically stable?

- A. It is formed by recent volcanic eruptions and earthquakes.
- B. It is part of a young fold mountain system with active faults.
- C. It lies on an ancient shield area with low seismic activity.** ✓
- D. It lies within the zone of frequent plate collisions.

Q76 General Awareness

How many players were honoured with the Arjuna Awards (Lifetime) for outstanding performance in Sports and Games in January 2025?

- A. 2** ✓
- B. 4
- C. 5
- D. 3



Q77 General Awareness

Where do temperate cyclones commonly occur?

A. In mid-latitude regions ✓

B. In tropical low-pressure zones

C. Near the equatorial belt

D. Over high-altitude deserts

Q78 General Awareness

Which three countries' withdrawal was officially recognised by ECOWAS in 2025 following diplomatic tensions and military coups?

A. Nigeria, Ghana, and Togo

B. Liberia, Côte d'Ivoire, and Benin

C. Mali, Burkina Faso, and Niger ✓

D. Senegal, Guinea, and Sierra Leone

Q79 General Awareness

How many Indian languages are officially recognised as Classical Languages by the Government of India as of January 2025?

A. 7

B. 5

C. 9

D. 11 ✓

Q80 General Awareness

In which of the following states of India are the Rock Shelters of Bhimbetka located?

A. Haryana

B. Odisha

C. Bihar

D. Madhya Pradesh ✓

Q81 General Awareness

Which of the following is INCORRECT with regard to the Swadeshi movement?

A. Women participated in large numbers.

B. Students participated in large numbers.

C. Received wide support from upper class Muslims. ✓

D. Labourers carried out strikes at different parts of the country.

Q82 General Awareness

Which Ministry organised the National Conference on 'Institutional Arbitration: An Effective Framework for Dispute Resolution' on 14 June 2025 at Bharat Mandapam, New Delhi?

A. Ministry of Defence

B. Ministry of Law and Justice ✓

C. Ministry of External Affairs

D. Ministry of Home Affairs

Q83 General Awareness

On which date was World Health Day celebrated in 2025, marking the launch of the campaign titled "Healthy beginnings, hopeful futures"?

A. 10 April 2025

B. 12 April 2025

C. 7 April 2025 ✓

D. 5 April 2025

Q84 General Awareness

According to Lenz's Law, the direction of induced current is such that _____.

A. it aids the change in magnetic flux

B. it opposes the change in magnetic flux ✓

C. it strengthens the applied magnetic field

D. it neutralises the magnetic field completely

Q85 General Awareness

What was the Mauryan administrative head of city governance called, as mentioned in the Arthashastra?

A. Sthanika

B. Nagarika ✓

C. Gopa

D. Pradeshika

Q86 General Awareness

Why is it important to organize files and folders?

A. To easily locate and access files ✓

B. To install new software

C. To keep the desktop clean

D. To make the computer run faster



Q87 General Awareness

The export-led strategy of the British damaged the domestic economy. What was the impact of export-oriented policies on Indian food security?

- A. Improved food availability
- B. Increased storage of grains
- C. Food shortages and famines ✓
- D. Reduced food prices

Q88 General Awareness

Which of the following is NOT a component of India's core infrastructure sectors (as per Index of Eight Core Industries)?

- A. Telecommunications ✓
- B. Electricity
- C. Steel
- D. Cement

Q89 General Awareness

Under which Article of the Constitution is the Comptroller and Auditor General of India (CAG) appointed?

- A. Article 324
- B. Article 148 ✓
- C. Article 76
- D. Article 280

Q90 General Awareness

When renaming a file or folder in MS Windows, what happens if a user changes the file extension (e.g. from .txt to .doc)?

- A. The file will no longer open or be accessible.
- B. The file is converted into a different program's file format.
- C. A warning is displayed to confirm the change in extension. ✓
- D. The file's format is changed automatically to match the new extension.

Q91 General Awareness

Which city in central India became the first to offer CAR T-cell therapy for blood cancer patients, marking a significant advancement in accessible cancer treatment in May 2025?

- A. Bhopal
- B. Indore
- C. Nagpur ✓
- D. Raipur

Q92 General Awareness

What is the primary objective of the International Organization for Mediation (IOMed), established by China in 2025?

- A. To provide a platform for peaceful dispute resolution through mediation ✓
- B. To provide a platform to conduct military peacekeeping operations
- C. To replace the United Nations Security Council
- D. To provide a platform to enforce international trade agreements

Q93 General Awareness

Globalisation has led to increased cross-border flows of technology. Which policy encourages technology transfer under globalisation?

- A. Import substitution policy
- B. Nationalisation
- C. Licensing raj
- D. Automatic route for FDI ✓

Q94 General Awareness

Which state had the highest installed renewable energy capacity as of 13 November 2024, as per the Ministry of New and Renewable Energy data?

- A. Karnataka
- B. Tamil Nadu
- C. Rajasthan ✓
- D. Uttar Pradesh

Q95 General Awareness

How has globalisation helped India's exports?

- A. Made no change
- B. Increased exports to other countries ✓
- C. Decreased them
- D. Banned exports



Q96 General Awareness

Which of the following is NOT a reform suggested by Birsa Munda to the Munda tribal community during the Munda rebellion?

- A. Give up drinking liquor
- B. Give up living in the past ✓
- C. Give up believing in sorcery and witchcraft
- D. Cultivate their lands

Q97 General Awareness

Which lake is an important geographical feature along the eastern coast of India?

- A. Chilika Lake ✓
- B. Dal Lake
- C. Wular Lake
- D. Vembanad Lake

Q98 General Awareness

Which of the following Acts abolished the dyarchy at provincial level during the colonial period in India?

- A. Charter Act of 1853
- B. Indian Councils Act, 1909
- C. Government of India Act, 1919
- D. Government of India Act, 1935 ✓

Q99 General Awareness

Which of the following financial powers is NOT vested in the Governor of a state?

- A. Independently sanctioning taxes ✓
- B. Giving assent to Money Bills
- C. Administering the State Contingency Fund
- D. Presenting the State Budget to the Legislature

Q100 General Awareness

Who among the following was the first Indian driver to secure a victory in a Formula 2 race at the Monaco Grand Prix in May 2025?

- A. Jehan Daruvala
- B. Karun Chandhok
- C. Kush Maini ✓
- D. Arjun Maini



Mathematics

30 Questions • Answer Key

Q1 Mathematics

Find the mean proportional between 25 and 196.

A. 70



B. 67

C. 68

D. 73

Q2 Mathematics

The sum of two numbers is 78 and their L.C.M. is 180. What are the two numbers?

A. 60, 18



B. 58, 20

C. 65, 13

D. 53, 25

Q3 Mathematics

The current population of a town is 20,000. It increases by 30% and 50% in two successive years but decreases by 68% in the third year. What is the population of the town at the end of the third year?

A. 12,475

B. 12,480



C. 12,481

D. 12,485

Q4 Mathematics

The difference between a single discount of 52%, and two successive discounts of 35% and 4%, applied to a bill of ₹1,125, is ____.

A. ₹152

B. ₹132

C. ₹144

D. ₹162



Q5 Mathematics

Find the value of: $[167 \div \{17 + 4 \times (3 - 7)\}]$.

A. 164

B. 167



C. 166

D. 172

Q6 Mathematics

If 2 times the age of Ram is 24 years more than 2 times the age of Ramya, and 4 times the age of Ramya is 3 years less than the age of Ram, then what is the difference (in years) between the ages of Ram and Ramya?

A. 11

B. 12



C. 15

D. 9

Q7 Mathematics

Nisha, Sameer, and Rupesh invest ₹1,730, ₹1,420, and ₹1,350 respectively to start a business. If the profit at the end of the year is ₹1,490, then what is the share of Rupesh in the profit?

A. ₹445

B. ₹446

C. ₹447



D. ₹449

Q8 Mathematics

The average of first 149 odd natural numbers, is:

A. 150

B. 148.5

C. 149



D. 149.5

Q9 Mathematics

Two pipes can fill a cistern, individually, in 93 min and 31 min, respectively. There is a pipe located at the bottom of the cistern to empty it. If all the three pipes are opened simultaneously, then the empty cistern gets filled in 24 min. How long will the pipe at the bottom of the tank take to empty the completely filled cistern if no other pipe is then open?

A. 744 min



B. 730 min

C. 784 min

D. 761 min



Q10 Mathematics

If the 6-digit number N51M54 is divisible by 11, then which of the options below can give a possible correct relation between M and N?

A. $M - N = -3$



B. $M - N = 1$

C. $M = N$

D. $M + N = 3$

Q11 Mathematics

In covering a distance of 56 km, Pranshu takes 3 hours more than Chandu. If Pranshu doubles his speed, he would take 4 hours less than Chandu. Pranshu's speed is:

A. 9 km/hr

B. 4 km/hr



C. 8 km/hr

D. 10 km/hr

Q12 Mathematics

The number 877217 is divisible by which of the following?

A. 2

B. 16

C. 12

D. 11

**Q13 Mathematics**

A shop offers 'Buy three for ₹6,000, get one free' for Dasara celebration, and also offers ₹600 cash back if a person pays in cash. What is the total percentage of discount offered for a customer who pays in cash?

A. 33.33%

B. 32.5%



C. 25.5%

D. 67.5%

Q14 Mathematics

If the radius of the base of a right circular cylinder is decreased by 23% and its height is increased by 151%, then what is the percentage increase (closest integer) in its volume?

A. 20%

B. 49%



C. 66%

D. 69%

Q15 Mathematics

I bought two dresses for ₹1,200. I sold the first one at a loss of 9% and the second at a gain of 15%. If, on the whole I made neither a loss nor a gain, find the cost price (in ₹) of the first dress.

A. 734

B. 750



C. 770

D. 774

Q16 Mathematics

Kunal and Abhishek start a business. Kunal invests ₹33,000 more than Abhishek for 7 months and Abhishek invests for 3 months. Kunal's share is ₹2,654 more than that of Abhishek, out of a total profit of ₹5,308. Find the capital contributed by Kunal.

A. ₹1,48,500



B. ₹1,48,367

C. ₹1,48,556

D. ₹1,48,647

Q17 Mathematics

Sapna invested ₹22,800 on simple interest, partly at 5% per annum and partly at 14% per annum. If she earns equal interests from the two investments after 4 years, then find the sum invested at 5% per annum (in ₹).

A. 16,799

B. 16,800



C. 16,798

D. 16,801

Q18 Mathematics

Two school bells ring at intervals of 36 minutes and 45 minutes. If both bells ring together at 9:00 a.m., when will they ring together again?

A. 11:36 a.m.

B. 12 noon



C. 11:48 a.m.

D. 1:12 p.m.



Q19 Mathematics

The sum of five numbers is 655. The average of the first two numbers is 80, and the third number is 104. Find the average of the remaining two numbers.

A. 196.5

B. 185

C. 184

D. 195.5 **Q20 Mathematics**

The product of two consecutive positive natural numbers is 110. The greater of the two numbers is:

A. 3

B. 11 

C. 7

D. 5

Q21 Mathematics

A bus travelling at 14 km/hr completes a journey in 20 hours. What should its speed be to cover the same distance in 5 hours?

A. 56 km/hr 

B. 61 km/hr

C. 53 km/hr

D. 63 km/hr

Q22 Mathematics

The interior angle between two adjacent sides of a regular n -sided polygon is _____ degrees.

A. $180 - \frac{360}{n}$ B. $90 - \frac{90}{n}$ C. $180 - \frac{90}{n}$ D. $180 - \frac{180}{n}$ **Q23 Mathematics**

$$\frac{22}{7}$$

A. 8910 cm^3 B. 8011 cm^3 C. 8110 cm^3 D. 8900 cm^3 

Q24 Mathematics

A sum of ₹2,500 amounts to ₹2,809 in 2 years at a certain rate of interest per annum, compounded annually. The rate of interest per annum is:

A. 8%

B. 6%



C. 3%

D. 7%

Q25 Mathematics

Simplify: $2\left(\left(\frac{5}{2}\right)x^2 - 22x + 11\right) - 5(x^2 + 9x - 11)$

A. $-89x - 77$

B. $89x + 77$

C. $-89x + 77$



D. $89x - 77$

Q26 Mathematics

The value of $7^2 + \sqrt{2^2} - 8\sqrt{81} - 7$ is

A. -28



B. -26

C. -19

D. -27

Q27 Mathematics

By selling an article at $\frac{4}{14}$ of its actual selling price, Hitesh incurs a loss of 15%.

If he sells it at 60% of its actual selling price, then the profit percentage is:

A. 78.5%



B. 78.7%

C. 78.1%

D. 77.5%



Q28 Mathematics

If $\sin\theta = x$, then $\frac{\sqrt{1+x}(\tan\theta)}{x} = \underline{\hspace{2cm}}$.

A. $\frac{1}{\sqrt{1-x}}$



B. $\sqrt{1-x}$

C. $\frac{1}{\sqrt{1+x}}$

D. $\frac{1}{1-x^2}$

Q29 Mathematics

By how much is 65% of 75 greater than $\frac{4}{5}$ of 25?

A. 26.75

B. 28.75



C. 22.75

D. 25.75

Q30 Mathematics

A can do a work in 9 days and B can do the same work in 21 days. If they work on it together for 2 days, then what fraction of the work is left?

A. $\frac{47}{63}$

B. $\frac{41}{63}$

C. $\frac{43}{63}$



D. $\frac{38}{63}$



Q31 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series?

7 9 14 24 41 ?

A. 78

B. 67



C. 75

D. 71

Q32 General Intelligence & Reasoning

Seven people, I, J, K, L, M, N and O, are sitting in a row, facing north. Only two people sit to the right of K. Only two people sit between K and O. Only two people sit between I and N. N sits to the immediate left of K. L sits to the immediate right of M. Who sits at the third position from the left end of the line?

A. L

B. O

C. J



D. I

Q33 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series?

1600, 2025, 2500, 3025, 3600, ?

A. 3825

B. 4225



C. 4025

D. 5625

Q34 General Intelligence & Reasoning

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

Some bottle are plastic.

Some plastic are glass.

Conclusions:

(I): Some bottle are glass.

(II): All glass are plastic.

A. Neither conclusion (I) nor (II) follows.



B. Only conclusion (I) follows.

C. Both conclusions (I) and (II) follow.

D. Only conclusion (II) follows.

Q35 General Intelligence & Reasoning

In a certain code language, 'USER' is coded as '4629' and 'LAST' is coded as '1354'. What is the code for 'S' in the given code language?

A. 4



B. 3

C. 1

D. 2

Q36 General Intelligence & Reasoning

Each of the digits in the number 95423671 is arranged in ascending order from left to right. The position(s) of how many digits will remain unchanged as compared to that in the original number?

A. Two



B. Three

C. One

D. None



Q37 General Intelligence & Reasoning

Rahul starts from Point A and drives 11 km towards North. He then takes a right turn, drives 7 km, turns right and drives 6 km. He then takes a left turn and drives 5 km. He takes a final right turn, drives 5 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90° turns only unless specified.)

A. 12 km towards West



B. 12 km towards East

C. 10 km towards South

D. 10 km towards West

Q38 General Intelligence & Reasoning

What will come in the place of the question mark (?) in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged?

$$22 \div 3 + 81 \times 9 - 12 = ?$$

A. 67

B. 69



C. 71

D. 65

Q39 General Intelligence & Reasoning

Mr. Sol starts from Point A and drives 6 km towards the east. He then takes a right turn and drives 3 km, then turns right and drives 7 km. He then takes a right turn and drives 14 km. He takes a final right turn, drives 1 km and stops at Point P. How far (shortest distance) and in which direction should he drive in order to reach Point A again? (All turns are 90-degree turns only unless specified.)

A. 11 km to the east

B. 12 km to the south

C. 11 km to the south



D. 13 km to the north

Q40 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series based on the English alphabetical order? FTR KYW PDB UIG ?

A. YNL

B. ZNM

C. ZNO

D. ZNL

**Q41 General Intelligence & Reasoning**

Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. HBW



B. PJF

C. FZV

D. WQM

Q42 General Intelligence & Reasoning

In a certain code language,
'A % B' means 'A is the daughter of B',
'A = B' means 'A is the wife of B',
'A ¥ B' means 'A is the father of B' and
'A # B' means 'A is the brother of B'.

How is S related to T if 'S % M = A ¥ R # T'?

A. Mother

B. Father

C. Sister



D. Brother

Q43 General Intelligence & Reasoning

Select the pair that follows the same pattern as that followed by the two pairs given below. Both pairs follow the same pattern.

SOQ-NJL

RNP-MIK

A. WRS-QMO

B. WRS-RNP

C. CYA-XTV



D. WSU-QNO

Q44 General Intelligence & Reasoning

47 people are standing in a row facing north. Suhana is 24th from the right end, while Bimla is 37th from the left end. How many people are there between Suhana and Bimla?

A. 13

B. 10

C. 11

D. 12



Q45 General Intelligence & Reasoning

In the following number-pairs, the second number is obtained by applying certain mathematical operations to the first number. Select the pair in which the numbers are related in the same way as are the numbers of the following pairs.

(Note: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g., 13 – Operations on 13 such as adding/subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

17, 36
16, 34

A. 23, 48



B. 53, 97

C. 18, 39

D. 12, 24

Q46 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series based on the English alphabetical order?
AFH LQS WBD HMO ?

A. SZX

B. SXZ



C. ZXS

D. ZSX

Q47 General Intelligence & Reasoning

H, I, J, K, U, V and W are sitting around a circular table facing the centre of the table.
Only two people sit between V and I when counted from the right of V. Only three people sit between H and J when counted from the right of J. I sits to the immediate right of J. W sits to the immediate right of K.
Who sits fourth to the right of U?

A. K

B. J

C. W



D. H

Q48 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. OR-MQ

B. MP-KO

C. KN-IM

D. GJ-EH

**Q49 General Intelligence & Reasoning**

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

All pages are crows.
Some crows are remotes.

Conclusion:

(I): Some pages are remotes.
(II): All crows are pages.

A. Only conclusion (II) follows

B. Only conclusion (I) follows

C. Neither conclusion (I) nor (II) follows



D. Both conclusions (I) and (II) follow

Q50 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series?

25 40 58 79 103 ?

A. 130



B. 125

C. 120

D. 115



Q51 General Intelligence & Reasoning

What will come in the place of the question mark (?) in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged?

$$91 \times 13 - 9 \div 8 + 18 = ?$$

- A. 65
- B. 59
- C. 63
- D. 61

**Q52 General Intelligence & Reasoning**

BYAZ is related to AXZY in a certain way based on the English alphabetical order. In the same way, CZBA is related to BYAZ. To which of the given options is SPRQ related, following the same logic?

- A. ROPP
- B. RPPW
- C. ROQP
- D. RNPP

**Q53 General Intelligence & Reasoning**

Kartik ranked 46th from the top and 19th from the bottom in his class. How many students are there in his class?

- A. 64
- B. 65
- C. 63
- D. 62

**Q54 General Intelligence & Reasoning**

Yash ranked 34th from the top and 47th from the bottom in his class. How many students are there in his class?

- A. 82
- B. 80
- C. 79
- D. 81

**Q55 General Intelligence & Reasoning**

If + means -, - means x, x means ÷ and ÷ means +, then what will come in place of the question mark (?) in the following equation?

$$72 \times 6 \div 18 + 10 - 2 = ?$$

- A. 18
- B. 10
- C. 5
- D. 12

**Q56 General Intelligence & Reasoning**

Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.

(NOTE: All numbers are single digit numbers only.)

(Left) % & 3 3 \$ 0 8 π 3 π 5 * @ 1 6 2 # 7 3 π 9 (Right)

How many such numbers are there, which are immediately preceded by a symbol and also immediately followed by another symbol?

- A. One
- B. Five
- C. Two
- D. Four

**Q57 General Intelligence & Reasoning**

Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

- A. CY-JM
- B. JF-QU
- C. MI-TX
- D. TP-AE



Q58 General Intelligence & Reasoning

This question is based on the five, three-digit numbers given below.

(Left) 438 345 367 353 276 (Right)

(Example: 697 – first digit = 6, second digit = 9, and third digit = 7)

(NOTE: All operations are to be done from left to right.)

What will be the resultant if the third digit of the largest number is added to the second digit of smallest number?

A. 15



B. 16

C. 14

D. 17

Q59 General Intelligence & Reasoning

In the following triads, each group of letters is related to the subsequent one following a certain logic. Select from the given options, the one which follows the same logic.

GAPS - SPGA - GPAS

AUNT - TNAU - ANUT

A. DIMS - IMDS - IMSD

B. DINE - DNIE - ENID

C. HALF - FLHA - ALHF

D. HAIR - RIHA - HIAR

**Q60 General Intelligence & Reasoning**

In a certain code language, 'LISE' is coded as '0873' and 'SITE' is coded as '8763'. What is the code for 'T' in the given code language?

A. 8

B. 7

C. 3

D. 6

**General Awareness**

40 Questions • Answer Key

Q61 General Awareness

The Congo River is the deepest river in the world. It is located on which continent?

A. Africa



B. South America

C. Asia

D. Europe

Q63 General Awareness

Which of the following crops is grown in waterlogged conditions?

A. Rice



B. Groundnut

C. Bajra

D. Maize

Q62 General Awareness

When was K Sanjay Murthy sworn in as the Comptroller and Auditor General (CAG) of India by the president of India?

A. February 2025

B. April 2025

C. December 2024

D. November 2024

**Q64 General Awareness**

Why is Sanskrit counted among the modern Indian languages by the Constitution of India?

A. Because it continues to be actively used



B. Given its designation as India's national language

C. As it serves as the linguistic root for all contemporary Indian languages

D. Due to its status as the most ancient classical language



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Q65 General Awareness

The office of Governor-General was renamed after 1858 as ____.

- A. Secretary of State
- B. Prime Minister
- C. Viceroy of India ✓
- D. Chief Administrator

Q66 General Awareness

What was the main objective of the Pitt's India Act of 1784, passed by the British Parliament?

- A. Abolish company rule
- B. Trade monopoly
- C. Establish dual government ✓
- D. Empower provincial councils

Q67 General Awareness

What is the full form of the NAKSHA programme, the second phase of which was launched in 2025 by the Ministry of Rural Development?

- A. National Geo-based Urban Survey
- B. New Analytical Knowledge for Housing Areas
- C. NAational geospatial Knowledge-based land Survey of urban HABitations ✓
- D. National Area Keeping Survey for Habitats

Q68 General Awareness

Which of the following organisations successfully conducted the first flight trial of a stratospheric airship platform at Sheopur, Madhya Pradesh, to enhance military surveillance capabilities?

- A. Indian Space Research Organisation (ISRO)
- B. Hindustan Aeronautics Limited (HAL)
- C. Defence Research and Development Organisation (DRDO) ✓
- D. Bharat Electronics Limited (BEL)

Q69 General Awareness

WHO member states reached a draft legally-binding pandemic preparedness pact on 16 April 2025, despite which major donor's withdrawal?

- A. Japan
- B. United States ✓
- C. Germany
- D. United Kingdom

Q70 General Awareness

Which of the following features introduced by the 73rd Constitutional Amendment ensures the continuous functioning of Panchayati Raj Institutions (PRIs)?

- A. Inclusion of Panchayati Raj in the Union List
- B. Elections within six months of dissolution of a Panchayat ✓
- C. Creation of Lok Adalats at Panchayat level
- D. Provision for direct funding from the Union government

Q71 General Awareness

Who was assigned the portfolio of Health & Family Welfare, Transport, and Information Technology in the new Delhi cabinet formed in February 2025?

- A. Ravinder Indraj Singh
- B. Manjinder Singh Sirsa
- C. Ashish Sood
- D. Pankaj Kumar Singh ✓

Q72 General Awareness

How did Public Interest Litigation (PIL) emerge in India as a tool of judicial activism?

- A. It was first used during the Emergency (1975-77).
- B. It began in 1979 when the Supreme Court allowed individuals to file cases for public interest. ✓
- C. It was introduced by the Lok Adalat system in 2005.
- D. It originated under the 42nd Constitutional Amendment (1976).

Q73 General Awareness

India's first prototype fast-breeder reactor to be commissioned by September 2026, is located at which of the following places?

- A. Kalpakkam ✓
- B. Bhavnagar
- C. Jaduguda
- D. Tarapur



Q74 General Awareness

Rural electrification has been a longstanding priority to support livelihoods and education in villages. Which scheme aimed to achieve 100% household electrification in rural India?

- A. Swabhimaan Scheme
- B. Pradhan Mantri Gram Sadak Yojana
- C. Ujjwala Yojana
- D. Saubhagya Yojana ✓

Q75 General Awareness

Who among the following was the first Indian cricketer to receive the Padma Bhushan award?

- A. Kapil Dev
- B. Sachin Tendulkar
- C. Sunil Gavaskar
- D. CK Nayudu ✓

Q76 General Awareness

Which of the following commissions was appointed to look into the question of states based on language?

- A. Swaran Singh Committee
- B. Gadgil Commission
- C. Sarkaria Commission
- D. Dhar Commission ✓

Q77 General Awareness

Which key combination is used to permanently delete a file without sending it to the Recycle Bin?

- A. Ctrl + D
- B. Alt + F4
- C. Shift + Delete ✓
- D. Shift + F2

Q78 General Awareness

The Northern Plains of India are primarily formed by the deposits of which rivers?

- A. Ganga, Indus and Brahmaputra ✓
- B. Narmada and Tapi
- C. Krishna and Godavari
- D. Yamuna and Chambal

Q79 General Awareness

Which Jain text is recognised in the West and known for its verses on monk conduct, sermons, and poetic teachings?

- A. Uttaradhyayana Sutra
- B. Acaranga Sutra ✓
- C. Bhagavati Sutra
- D. Kalpa Sutra

Q80 General Awareness

What was the key electoral innovation introduced in the 1909 Act?

- A. Voting rights for all
- B. Women's suffrage
- C. Proportional representation
- D. Separate electorates ✓

Q81 General Awareness

Which of the following was a major fiscal reform introduced in India as part of the 1991 economic reforms?

- A. Abolition of wealth tax
- B. Implementation of the FRBM Act
- C. Introduction of GST
- D. Introduction of the Modified Value Added Tax ✓

Q82 General Awareness

Which island group lies to the south-east of the Indian mainland?

- A. Andaman and Nicobar ✓
- B. Agatti island
- C. Lakshadweep
- D. Minicoy

Q83 General Awareness

Which government-owned organisation is primarily responsible for electricity transmission in India?

- A. Power Grid Corporation of India Limited ✓
- B. National Thermal Power Corporation Limited
- C. Central Electricity Authority
- D. Bharat Heavy Electricals Limited



Q84 General Awareness

Which amendment granted constitutional status to Panchayati Raj institutions?

- A. Seventy-fourth Amendment Act, 1992
- B. Seventy-third Amendment Act, 1992 ✓
- C. Seventy-second Amendment Act, 1992
- D. Eighty-sixth Amendment Act, 2002

Q85 General Awareness

According to the 'List of India's Major Defence Deals of 2024–2025' report, what is the primary objective of India's ₹20,506.65 crore acquisition of BrahMos supersonic cruise missiles?

- A. Develop indigenous missile technology
- B. Upgrade the Indian Air Force's fighter jets
- C. Strengthen the Indian Navy's maritime strike capacity ✓
- D. Enhance the Indian Army's artillery capabilities

Q86 General Awareness

In 2025, on which date was the International Day for Biological Diversity observed globally?

- A. 5 June
- B. 22 May ✓
- C. 5 May
- D. 15 May

Q87 General Awareness

The Bhimbetka rock shelters are associated with which prehistoric period?

- A. Upper Neolithic
- B. Lower Chalcolithic
- C. Lower Paleolithic ✓
- D. Iron Age

Q88 General Awareness

Which of the following practices promotes sustainable agriculture?

- A. Slash and burn cultivation
- B. Use of chemical pesticides
- C. Monocropping
- D. Crop rotation and organic farming ✓

Q89 General Awareness

Which element from Group 17 is used to eliminate bacteria and viruses from surfaces, drinking water, sewage, industrial waste, and swimming pools and spas?

- A. Bromine
- B. Chlorine ✓
- C. Iodine
- D. Fluorine

Q90 General Awareness

The Production Linked Incentive (PLI) scheme is aimed at boosting manufacturing. Which of the following sectors is NOT covered under the PLI scheme?

- A. Electronics
- B. Tourism ✓
- C. Pharmaceuticals
- D. Automobiles

Q91 General Awareness

After deleting a file from a folder, a user realises that it was an important file. Which of the following steps should they follow to restore it?

- A. Use Alt + Tab to recover the file
- B. Open Recycle Bin → Right-click the file → Click Restore ✓
- C. Press Ctrl + Z repeatedly until it reappears
- D. Restart the computer and the file will return

Q92 General Awareness

Which of the following companies has launched a commercial space surveillance satellite named SCOT in March 2025?

- A. Digantara ✓
- B. Tata Advanced Systems
- C. Mahindra Aerospace
- D. Hindustan Aeronautics Limited

Q93 General Awareness

Which major reform was aimed at redistributing land to the landless after independence?

- A. Crop Insurance Scheme
- B. Land Ceiling Acts ✓
- C. Green Revolution
- D. Agricultural Export Policy



Q94 General Awareness

Which of the following is a compound?

- A. Oxygen
- B. Iron
- C. Water
- D. Sulphur

**Q95 General Awareness**

Reserve Bank of India advised all banks in india to commence the migration of their existing domains to the '.bank.in' domain and complete the process latest by _____.

- A. 31 March 2026
- B. 31 October 2025
- C. 31 December 2025
- D. 31 August 2025

**Q96 General Awareness**

The Idukki Disaster Resilience and Information System (IDRIS), India's first integrated early warning and planning platform using AI and real-time data, was launched in which Indian state?

- A. Himachal Pradesh
- B. Tamil Nadu
- C. Karnataka
- D. Kerala

**Q97 General Awareness**

Akashteer, which is India's fully indigenous, automated Air Defence Control and Reporting System, that played a vital role during conflict with Pakistan in May 2025, was developed by which of the following organisations?

- A. Hindustan Aeronautics Limited (HAL)
- B. Defence Research and Development Organisation (DRDO)
- C. Bharat Dynamics Ltd
- D. Bharat Electronics Limited (BEL)

**Q98 General Awareness**

Which missile was successfully flight-trialed by DRDO and the Indian Navy from Integrated Test Range, Chandipur, Odisha, in 2025, demonstrating capability against ship targets when launched from a Sea King helicopter?

- A. Prithvi Surface-to-Surface Missile
- B. Naval Anti-Ship Missile - Short Range
- C. BrahMos Anti-Ship Missile
- D. Agni Ballistic Missile

**Q99 General Awareness**

In accordance with the Modern Periodic Law, the characteristics of elements are periodic functions of their:

- A. isotopic mass
- B. atomic weight
- C. atomic number
- D. atomic mass

**Q100 General Awareness**

The division of subjects between the Union and the States is laid out in which Schedule of the Constitution?

- A. Schedule X
- B. Schedule VII
- C. Schedule V
- D. Schedule IX



Mathematics

30 Questions • Answer Key

Q1 Mathematics

Mahesh bought some sharpeners at the rate of ₹150 a dozen. He sold them for ₹21 each. His profit percentage is ____%.

- A. 70
- B. 66
- C. 72
- D. 68



Q2 Mathematics

A sum of ₹10,00,000 is invested in a bank at 11% interest per annum compounded annually. On maturity, the amount payable becomes ₹13,67,631. Find the time period of the investment.

- A. 1 year
- B. 2.5 years
- C. 3.5 years
- D. 3 years



Q3 Mathematics

The perimeter of a square is 160 m. Its area (in m²) is:

- A. 1588
- B. 1600
- C. 1572
- D. 1597



Q4 Mathematics

M and N start a business. M invests ₹43,000 more than N for 6 months and N invests for 7 months. M's share is ₹472 more than that of N, out of a total profit of ₹3,304. Find the capital contributed by M.

- A. ₹1,20,000
- B. ₹1,21,400
- C. ₹1,20,400
- D. ₹1,20,600



Q5 Mathematics

Find the value of $69^{-4} \div 69^{10} \times 69^{-17}$.

- A. 69-32
- B. 69-21
- C. 69-31
- D. 69-36



Q6 Mathematics

Eight times the present age of P exceeds the present age of Q by 12 years. After 8 years, three times Q's age will be 28 years less than eight times P's age at that time. What is the present age (in years) of Q?

- A. 8
- B. 12
- C. 7
- D. 15



Q7 Mathematics

The cost of 13 pens and 3 pencils is ₹152. If the cost of a pen decreases by ₹1 and the cost of a pencil increases by ₹7, then the cost of 18 pens and 3 pencils is ₹165. What is the original cost of 12 pens and 11 pencils?

- A. ₹489
- B. ₹481
- C. ₹486
- D. ₹483



Q8 Mathematics

The number of prime numbers lying between 402 and 409, both included, is:

- A. 4
- B. 6
- C. 3
- D. 1



Q9 Mathematics

Vikram, Komal and Rishi invested ₹1,540, ₹1,760 and ₹1,170, respectively to start a business. If the profit at the end of the year is ₹1,490, what is Rishi's share of the profit?

- A. ₹391
- B. ₹392
- C. ₹388
- D. ₹390

**Q10 Mathematics**

The sum of two numbers is 40 and their L.C.M. is 351. What are the two numbers?

- A. 18, 22
- B. 13, 27
- C. 11, 29
- D. 6, 34

**Q11 Mathematics**

The average runs scored by a batsman in 23 matches is 40. In the next 10 matches, the batsman scored an average of 15 runs. Find his average runs scored (rounded off to two decimal places) in all 33 matches.

- A. 32.42
- B. 34.42
- C. 31.42
- D. 33.42

**Q12 Mathematics**

A number, when increased by 80%, gives 2430. The number is:

- A. 2700
- B. 675
- C. 1350
- D. 4050

**Q13 Mathematics**

The income of Raman is ₹41,400. He saves 24% of his income. If his income increases by 22% and expenditure increases by 25%, then his savings will:

- A. decrease by ₹1,241
- B. increase by ₹1,245
- C. increase by ₹1,242
- D. decrease by ₹1,244

**Q14 Mathematics**

The average weight of a family of five members whose weights are 40 kg, 49 kg, 56 kg, 73 kg and 37 kg is:

- A. 51 kg
- B. 50 kg
- C. 53 kg
- D. 52 kg

**Q15 Mathematics**

Wasim travels 234 km at 78 km/hr, the next 441 km at 49 km/hr and the next 488 km at 61 km/hr. What is his average speed (in km/hr) for the whole journey?

- A. 50.13
- B. 58.15
- C. 54.83
- D. 50.87

**Q16 Mathematics**

Which of the following ratios is the greatest?

- A. 35 : 80
- B. 33 : 54
- C. 38 : 75
- D. 37 : 56

**Q17 Mathematics**

Find the value of: $[147 \div \{29 + 2 \times (4 - 8)\}]$.

- A. 3
- B. 9
- C. 8
- D. 7

**Q18 Mathematics**

The marked price of an article is ₹280. A discount of 12.5% is allowed on the marked price and a profit of 40% is made. The cost price of the article is:

- A. ₹165
- B. ₹180
- C. ₹185
- D. ₹175



Q19 Mathematics

A jacket is marked at ₹2,400. If it is sold at a 20% discount, what is the selling price?

- A. ₹2,000
- B. ₹1,980
- C. ₹1,900
- D. ₹1,920

**Q20 Mathematics**

The LCM of $5^3 \times 9^2 \times 14$, $5^2 \times 14^2 \times 19$ and $9^3 \times 14^2 \times 19^2$ is:

- A. $52 \times 92 \times 142 \times 193$
- B. $53 \times 92 \times 142 \times 19$
- C. $52 \times 93 \times 14 \times 192$
- D. $53 \times 93 \times 142 \times 192$

**Q21 Mathematics**

The number 740705 is divisible by which of the following?

- A. 5
- B. 12
- C. 4
- D. 9

**Q24 Mathematics**

Find the volume (in cm^3 , rounded off to the nearest integer) of a sphere with radius 7 cm.

(Use $\pi = \frac{22}{7}$)

- A. 1436 cm^3
- B. 1442 cm^3
- C. 1437 cm^3
- D. 1446 cm^3

**Q25 Mathematics**

Simplify: $\frac{1}{\tan^2\theta} + \frac{\tan^2\theta}{\sin^2\theta} \times \cos^2\theta$

- A. $\sin^2\theta$
- B. $\text{cosec}^2\theta$
- C. $\sec^2\theta$
- D. 1

**Q22 Mathematics**

What sum of money (in ₹) will amount to ₹2,280 at 5% per annum simple interest in 4 years?

- A. ₹1,850
- B. ₹11,400
- C. ₹1,900
- D. ₹1,950

**Q23 Mathematics**

A man goes to Indore from Bhopal at a speed of 6 km/hr and returns to Bhopal at speed of 12 km/hr, through the same route. What is his average speed (in km/hr) of the entire journey?

- A. 8
- B. 4
- C. 6
- D. 10



Q26 Mathematics

By selling an article at $\frac{2}{7}$ of its actual selling price, Manav incurs a loss of 24%.

If he sells it at 55% of its actual selling price, then the profit percentage is:

A. 47.6%

B. 48.7%

C. 46.3%



D. 46.9%

Q27 Mathematics

A can do a work in 9 days and B can do the same work in 18 days. If they work on it together for 5 days, then what fraction of the work is left?

A. $\frac{11}{6}$

B. $\frac{1}{6}$



C. $\frac{7}{6}$

D. $\frac{5}{6}$

Q28 Mathematics

Abhay and Bharat can complete a certain piece of work in 5 and 15 days, respectively. They started to work together, and after 2 days, Bharat left. In how many days will Abhay complete the remaining work?

A. $2\frac{1}{3}$



B. $4\frac{1}{3}$

C. $1\frac{1}{3}$

D. $3\frac{1}{3}$



Q29 Mathematics

Simplify the following.

$$2\left(\left(\frac{3}{2}\right)x^2 - 28x + 14\right) - 3(x^2 + 6x - 11)$$

A. $74x + 61$ B. $-74x - 61$ C. $-74x + 61$ ✓D. $74x - 61$ **Q30 Mathematics**ABCD is a trapezium in which $BC \parallel AD$ and $AC = CD$. If $\angle ABC = 45^\circ$ and $\angle BAC = 104^\circ$, then what is the measure of $\angle ACD$ (in degree)?A. 117° B. 118° ✓C. 130° D. 114° **General Intelligence & Reasoning**

30 Questions • Answer Key

Q31 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series?

90 87 83 78 72 ?

A. 66

B. 67

C. 63

D. 65 ✓

Q32 General Intelligence & Reasoning

Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding to/subtracting from/multiplying with 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(5, 12, 7)

(22, 30, 8)

A. (35, 63, 25)

B. (18, 31, 13) ✓

C. (18, 24, 3)

D. (25, 30, 2)

Q33 General Intelligence & ReasoningAnshul ranked 38th from the top and 34th from the bottom in his class. How many students are there in his class?

A. 71 ✓

B. 73

C. 70

D. 72

Q34 General Intelligence & ReasoningKaran ranked 27th from the top and 16th from the bottom in his class. How many students are there in his class?

A. 44

B. 42 ✓

C. 41

D. 43



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Q35 General Intelligence & Reasoning

A, B, C, D, J, K and L are sitting around a circular table, facing the centre of the table.
Only one person sits between A and L when counted from the left of L. K sits third to the right of J. C sits third to the left of B. K sits to the immediate right of C. D is not an immediate neighbour of C.
How many people sit between D and L when counted from the right of D?

A. One

B. Three



C. Four

D. Two

Q36 General Intelligence & Reasoning

TG 21 is related to OE 4 in a certain way. In the same way, LE 18 is related to GC 1. To which of the following is RT 26 related, following the same logic?

A. LR 11

B. LS 11

C. LR 9

D. MR 9

**Q37 General Intelligence & Reasoning**

Each of the digits in the number 36719542 is arranged in ascending order from left to right. The position(s) of how many digits will remain unchanged as compared to that in the original number?

A. Two

B. One

C. Three

D. None

**Q38 General Intelligence & Reasoning**

If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 3174658, then how many digits will appear more than once in the new number thus formed?

A. None

B. One

C. Two

D. Three

**Q39 General Intelligence & Reasoning**

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

Some plants are trees.

Some trees are grasses.

Conclusions:

(I) Some plants are grasses.

(II) Some trees are plants.

A. Both conclusions (I) and (II) follow.

B. Only conclusion (II) follows.



C. Only conclusion (I) follows.

D. Neither conclusion (I) nor (II) follows.

Q40 General Intelligence & Reasoning

In a certain code language, 'NOPE' is coded as '6712' and 'NOTE' is coded as '2178'. What is the code for 'T' in the given code language?

A. 1

B. 7

C. 6

D. 8

**Q41 General Intelligence & Reasoning**

Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. IM-LP

B. NR-OU



C. EI-HL

D. MQ-PT



Q42 General Intelligence & Reasoning

Person X starts from point A and drives 5 km towards the south. He then takes a left turn, drives 5 km, turns right and drives 5 km. He then takes a right turn and drives 7 km. He then takes a right turn, drives 10 km. He then takes a final right turn and drives 1 km and stops at point B. How far (shortest distance) and towards which direction should he drive in order to reach point A again? (All turns are 90 degrees unless specified)

- A. 1 km north
- B. 2 km west
- C. 2 km east
- D. 1 km east

**Q43 General Intelligence & Reasoning**

RBNE is related to VXRA in a certain way based on the English alphabetical order. In the same way, ZTVW is related to DPZS. To which of the following is HLDO related, following the same logic?

- A. KGHL
- B. LHHK
- C. MFGJ
- D. LGFK

**Q44 General Intelligence & Reasoning**

Seven people, F, G, H, I, J, K and R, are sitting in a row facing North. Only two people sit between H and R. Only F sits to the right of J. Only one person sits between R and J. G sits at some place to the right of I but at some place to the left of K. Who sits third from the right end of the line?

- A. K
- B. J
- C. G
- D. I

**Q45 General Intelligence & Reasoning**

CFJP is related to FINT in a certain way based on the English alphabetical order. In the same way, ORZF is related to RUDJ. To which of the given options is XALR related, following the same logic?

- A. ADPV
- B. POID
- C. APOI
- D. ADVP

**Q46 General Intelligence & Reasoning**

Seven boxes C, D, E, M, N, O and P are kept one over the other but not necessarily in the same order. O is kept second from the bottom. Only three boxes are kept between O and E. P is kept at one of the positions below O. Only M is kept between E and D. C is kept at one of the positions above E. How many boxes are kept between P and C?

- A. One
- B. Four
- C. Five
- D. Three

**Q47 General Intelligence & Reasoning**

In a certain code language, 'FORM' is coded as '4629' and 'RISE' is coded as '1395'. What is the code for 'R' in the given code language?

- A. 1
- B. 6
- C. 5
- D. 9

**Q48 General Intelligence & Reasoning**

What should come in place of the question mark (?) in the given series?

271 216 172 139 117 ?

- A. 111
- B. 106
- C. 95
- D. 82

**Q49 General Intelligence & Reasoning**

This question is based on the five, three-digit numbers given below.

(Left) 285 106 346 349 408 (Right)

(Example- 697 – First digit = 6, second digit = 9 and third digit = 7)

(NOTE: All operations to be done from left to right.)

What will be the resultant if the third digit of the highest number is added to the third digit of the lowest number?

- A. 11
- B. 14
- C. 12
- D. 8



Q50 General Intelligence & Reasoning

What will come in the place of the question mark (?) in the following equation, if '÷' and '-' are interchanged and 'x' and '+' are interchanged?

$$93 \times 9 \div 9 - 3 \times 8 + 23 \times 6 \div 3 - 3 \times 2 = ?$$

A. 266

B. 274

C. 235

D. 290

**Q51 General Intelligence & Reasoning**

Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) 2 @ 2 # * 0 8 μ π 3 σ 1 6 6 9 \$ 4 & 9 β 9 (Right)

How many such symbols are there, which are immediately preceded by a perfect square number and also immediately followed by a perfect square number?

A. One

B. Three



C. Two

D. Five

Q52 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. KA - QX

B. QG - WD

C. DS - JO



D. XN - DK

Q53 General Intelligence & Reasoning

Read the given statement(s) and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statement(s).

Statements:

No Police Officers are Pilots.

All Pilots are Soldiers.

Conclusions:

I. No Soldiers are Police Officers.

II. Some Police Officers are Soldiers.

A. Only conclusion (II) follows.

B. Neither conclusion (I) nor (II) follows.



C. Only conclusion (I) follows.

D. Both conclusions (I) and (II) follow.

Q54 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter clusters are alike in a certain way and thus form a group. Which letter cluster DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. KNJ

B. SVR

C. UXS



D. NQM

Q55 General Intelligence & Reasoning

Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

A25D E36H I49L M64P ?

A. R81U

B. Q81T



C. R81S

D. S81T



Q56 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series?

10 13 19 28 40 ?

A. 52

B. 55



C. 60

D. 50

Q57 General Intelligence & Reasoning

R is the brother of C. C is the sister of A. A is the father of G. G is the son of H. How is R related to H?

A. Husband's brother



B. Husband's father

C. Husband

D. Brother

Q58 General Intelligence & Reasoning

Manish starts from Point A and drives 9 km towards east. He then takes a right turn, drives 2 km, turns right and drives 4 km. He then takes a right turn and drives 11 km. He takes a final left turn, drives 5 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90° turns only unless specified.)

A. 12 km towards north

B. 12 km towards east

C. 9 km towards south



D. 9 km towards north

Q59 General Intelligence & Reasoning

What will come in place of the question mark (?) in the following equation if '+' and 'x' are interchanged and '-' and '-' are interchanged?

$$38 - 8 \div 2 + 16 \times 8 = ?$$

A. 52



B. 55

C. 54

D. 53

Q60 General Intelligence & Reasoning

Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

WDK 84, BIP 79, GNU 74, LSZ 69, QXE 64, ?

A. VYJ 61

B. VCI 49

C. UCJ 59

D. VCJ 59

**General Awareness**

40 Questions • Answer Key

Q61 General Awareness

Which of the following Indian startups was selected to develop the country's first indigenous large language model under the India AI Mission April 2025?

A. AI4Bharat

B. Wadhvani AI

C. Infosys

D. Sarvam AI

**Q62 General Awareness**

Which movement marked Mahatma Gandhi's entry into all-India politics?

A. Salt Satyagraha

B. Champaran Satyagraha

C. Civil Disobedience Movement

D. Khilafat and Non-Cooperation Movement



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Q63 General Awareness

Which of the following is true for Read-Only Memory (ROM)?

- ☒ A. It stores the booting instructions permanently.
- ☐ B. It is volatile memory that stores data temporarily.
- ☐ C. It stores data that can be modified by the user.
- ☐ D. It processes the logic operations.

Q64 General Awareness

Which Indian female shooter won a silver medal in the women's skeet event at the ISSF Junior World Cup 2025?

- ☐ A. Parinaaz Dhaliwal
- ☒ B. Raiza Dhillon
- ☐ C. Ganemat Sekhon
- ☐ D. Maheshwari Chauhan

Q65 General Awareness

What is the mandated time for the Public Information Officer (PIO) to provide information?

- ☐ A. 15 days for urgent matters
- ☐ B. 60 days for all cases
- ☐ C. 10 days for personal requests
- ☒ D. 30 days generally and 48 hours for life or liberty cases

Q66 General Awareness

Pazhassi Raja was a freedom fighter from the state of modern-day _____.

- ☐ A. Andhra Pradesh
- ☐ B. Gujarat
- ☐ C. Telangana
- ☒ D. Kerala

Q67 General Awareness

Which index combines life expectancy, education and per capita income to measure a country's human development?

- ☐ A. Consumer Price Index
- ☒ B. Human Development Index (HDI)
- ☐ C. Gini Index
- ☐ D. GDP per capita

Q68 General Awareness

Which plateau is NOT a part of the Patland series?

- ☒ A. Deccan Plateau
- ☐ B. Ranchi Plateau
- ☐ C. Hazaribagh Plateau
- ☐ D. Malwa Plateau

Q69 General Awareness

Babar, the first Mughal ruler, was related to two of the biggest conquerors of the medieval world. If he was related to the Mongol conqueror Genghis Khan on his maternal side, who was he related to from his paternal side?

- ☐ A. Ibrahim Lodi
- ☐ B. Mohammed Ghori
- ☒ C. Timur
- ☐ D. Mahmud Ghazni

Q70 General Awareness

How many Amrit Stations were inaugurated by Prime Minister Narendra Modi on 22 May 2025?

- ☐ A. 110
- ☐ B. 108
- ☒ C. 103
- ☐ D. 100

Q71 General Awareness

Unique Land Parcel Identification Number (ULPIN), part of the Digital India Land Records Modernization Programme (DILRMP), is a unique identification number of how many digits accorded based on the longitude and latitude coordinates of the land parcel?

- ☐ A. 12 digits
- ☐ B. 16 digits
- ☒ C. 14 digits
- ☐ D. 10 digits

Q72 General Awareness

In which Schedule are the forms of oath and affirmation for various constitutional offices specified?

- ☒ A. Third Schedule
- ☐ B. Fourth Schedule
- ☐ C. Fifth Schedule
- ☐ D. Tenth Schedule



Q73 General Awareness

Which biochemist received the Nobel Prize in 1958 for his work on the structure of proteins, especially insulin?

- A. Carl Neuberg
- B. Eduard Buchner
- C. Frederick Sanger
- D. Rosalind Franklin

Q74 General Awareness

Which city became the capital of Vatsaraja during the expansion of the Gurjara-Pratihara dynasty?

- A. Malwa
- B. Ujjain
- C. Mathura
- D. Kannauj

Q75 General Awareness

What is the main cause of different seasons on the Earth?

- A. Earth's tilt and revolution around the Sun
- B. Earth's rotation
- C. Solar flares
- D. Earth's distance from the Sun

Q76 General Awareness

In December 2024, India's Defense Ministry signed a contract with HAL for the procurement of how many Su-30MKI aircraft?

- A. 12
- B. 5
- C. 15
- D. 8

Q77 General Awareness

In which year was the PM JI-VAN (Jaiv Indhan-Vatavaran Anukool fasal awashesh Nivaran) scheme launched?

- A. 2020
- B. 2018
- C. 2019
- D. 2017

Q78 General Awareness

Which of the following Articles of the Indian Constitution specifically deal with the establishment of Tribunals for administrative and other matters?

- A. Articles 323A and 323B
- B. Articles 14 and 15
- C. Articles 356C and 360D
- D. Articles 32 and 226

Q79 General Awareness

Who predicted the existence of a new particle, now known as the neutrino, in 1931, using the conservation laws of energy and momentum for β -decay?

- A. Enrico Fermi
- B. James Chadwick
- C. Wolfgang Pauli
- D. Paul Dirac

Q80 General Awareness

The element with atomic number 21 is _____.

- A. Calcium
- B. Scandium
- C. Titanium
- D. Zinc

Q81 General Awareness

What is the primary objective of the Waqf (Amendment) Act, 2025?

- A. To repeal the Waqf Act, 1995 and abolish Waqf Boards
- B. To enhance transparency and inclusivity in the management of Waqf properties
- C. To nationalise all Waqf properties under central government control and conduct an audit of new Waqf properties
- D. To restrict the establishment of new Waqf properties

Q82 General Awareness

Which two state governments held official-level talks in Guwahati in April 2025 to resolve the long-standing inter-state border dispute?

- A. Mizoram and Assam
- B. Arunachal Pradesh and Nagaland
- C. Nagaland and Manipur
- D. Mizoram and Tripura



Q83 General Awareness

Who among the following was the first Indian athlete to win the Rajiv Gandhi Khel Ratna Award?

- A. Leander Paes
- B. Viswanathan Anand
- C. PV Sindhu
- D. Sachin Tendulkar

Q84 General Awareness

Which Constitutional Amendment granted constitutional status to Co-operative Societies in India?

- A. 73rd Constitutional Amendment Act, 1992
- B. 86th Constitutional Amendment Act, 2002
- C. 97th Constitutional Amendment Act, 2011
- D. 74th Constitutional Amendment Act, 1992

Q85 General Awareness

The recipient of the Padma Shri in 2025, Hriday Narayan Dikshit, who is a renowned thinker, philosopher, politician and social worker, belongs to which Indian state?

- A. Madhya Pradesh
- B. Bihar
- C. Uttar Pradesh
- D. Rajasthan

Q86 General Awareness

The Planning Commission was the apex body responsible for formulating Five-Year Plans. In which year was the Planning Commission of India established?

- A. 1952
- B. 1950
- C. 1951
- D. 1948

Q87 General Awareness

Which institution celebrated the Rashtriya Boudhik Sampada Mahotsav (RBSM) on 29 May 2025?

- A. Indian Institute of Petroleum and Energy, Visakhapatnam
- B. Indian Oil Institute of Petroleum Management, Haryana
- C. CSIR-Indian Institute of Petroleum, Dehradun
- D. Rajiv Gandhi Institute of Petroleum Technology, Amethi

Q88 General Awareness

Which policy was adopted by the British in the post-1857 revolt in India due to distrust of Hindu-Muslim unity?

- A. Divide and Rule
- B. Doctrine of Lapse
- C. Forward Policy
- D. Subsidiary Alliance

Q89 General Awareness

In May 2025, India assumed the chairmanship of which regional organisation focused on productivity enhancement?

- A. South Asian Association for Regional Cooperation (SAARC)
- B. Bay of Bengal Initiative for Multi-Sectoral Technical and Economic Cooperation (BIMSTEC)
- C. Association of Southeast Asian Nations (ASEAN)
- D. Asian Productivity Organization (APO)

Q90 General Awareness

The Desert National Park of Rajasthan is located in which districts of the state?

- A. Phalodi and Jodhpur
- B. Dholpur and Bharatpur
- C. Jaisalmer and Barmer
- D. Udaipur and Rajsamand

Q91 General Awareness

In which Swiss city was the annual meeting of the World Economic Forum (WEF) held in January 2025?

- A. Davos
- B. Vienna
- C. Zurich
- D. Geneva

Q92 General Awareness

What is the name of India's indigenous counter-drone system tested in May 2025?

- A. Bhargavastra
- B. Nagastra
- C. Akashteer
- D. Trinetra



Q93 General Awareness

Vedantam Pahlada Sarma, born in Andhra Pradesh in 1923, was initiated into which of the following Indian classical dance forms?

- A. Kathak
- B. Bharatanatyam
- C. Odissi
- D. Kuchipudi

**Q94 General Awareness**

To adjust the screen resolution or change the desktop background in Windows, which of the following would a user typically access?

- A. Settings
- B. Documents
- C. Run
- D. This PC

**Q95 General Awareness**

In which venue was the World Health Summit (WHS) Regional Meeting 2025 hosted for the first time in India?

- A. Pragati Maidan, New Delhi
- B. Bharat Mandapam, New Delhi
- C. Ashoka University, Sonipat
- D. India Expo Centre, Greater Noida

**Q96 General Awareness**

Which of the following was NOT a feature of the Green Revolution in India?

- A. Mechanisation of agriculture
- B. Expansion of agricultural land
- C. Use of high-yielding variety seeds
- D. Increased use of fertilisers and irrigation

**Q97 General Awareness**

The _____ of the Indian Constitution protects laws from being challenged in courts under judicial review.

- A. Ninth Schedule
- B. Third Schedule
- C. Fifth Schedule
- D. Eleventh Schedule

**Q98 General Awareness**

Which of the following Indian Coast Guard Ships participated in NAVDEX 2025, strengthening India-UAE maritime cooperation?

- A. INS Rajdhvaj
- B. INS Veera
- C. ICGS Sujata
- D. ICGS Shoor

**Q99 General Awareness**

Which of the following statements about the National Rural Livelihoods Mission (NRLM) is correct?

- A. It guarantees minimum support prices for rural produce.
- B. It aims to organise rural poor into Self-Help Groups (SHGs).
- C. It offers 100 days of guaranteed employment to rural poor.
- D. It provides direct employment in rural public sector units.

**Q100 General Awareness**

Which of the following states is known for its tribal settlement of the Gond community?

- A. Chhattisgarh
- B. Punjab
- C. Kerala
- D. Haryana



Mathematics

30 Questions • Answer Key

Q1 Mathematics

If the radius of the base of a right circular cylinder is decreased by 19% and its height is increased by 102%, then what is the percentage increase (closest integer) in its volume?

- A. 12%
- B. 26%
- C. 14%
- D. 33%



Q2 Mathematics

A sum of money triples itself at a certain rate of compound interest in 12 years. In how many years will it amount to 27 times of itself?

- A. 36 years
- B. 46 years
- C. 41 years
- D. 33 years



Q3 Mathematics

The average of first 166 even numbers is

- A. 167
- B. 166.5
- C. 168
- D. 167.5



Q4 Mathematics

A TV is listed at ₹80,000. A customer can either avail of a single discount of 28% or two successive discounts of 20% and 10%. Which discount option is better, and what is the monetary difference?

- A. Single discount of 28% ; ₹1,005
- B. Both the discount are the same ; ₹0
- C. Single discount of 28% ; ₹1,500
- D. Two successive discounts of 20% and 10% ; ₹1,600



Q5 Mathematics

The sum of two numbers is 84 and their L.C.M. is 245. What are the two numbers?

- A. 54, 30
- B. 47, 37
- C. 49, 35
- D. 42, 42



Q6 Mathematics

An amount of ₹552 is divided among three persons in the ratio of 19 : 11 : 18. The difference between the largest and the smallest shares (in ₹) in the distribution is:

- A. 12
- B. 105
- C. 5
- D. 92



Q7 Mathematics

Let A and B be two regular polygons. The sum of the interior angles of A is 1260° . Each interior angle of B exceeds its exterior angle by 90° . Find the sum of the number of sides of A and B.

- A. 19
- B. 15
- C. 17
- D. 18



Q8 Mathematics

₹87,400 were divided among A, B and C, such that 4 times the share of A = 9 times the share of B = 3 times the share of C. Find the share of A.

- A. ₹31,278
- B. ₹31,576
- C. ₹31,464
- D. ₹31,552



Q9 Mathematics

Which of the following ratios is the greatest?

A. 35 : 77

B. 38 : 83

C. 47 : 67

D. 50 : 62

**Q10 Mathematics**

What sum of money (in ₹) will amount to ₹2,160 at 5% per annum simple interest in 5 years?

A. ₹8,640

B. ₹1,678

C. ₹1,728



D. ₹1,778

Q11 Mathematics

Three pieces of timber that are 187 m, 102 m and 255 m long have to be divided into planks of the same length. What is the greatest possible length (in metres) of each plank?

A. 17



B. 13

C. 19

D. 11

Q12 Mathematics

A man goes to Nagpur from Visakhapatnam at a speed of 24 km/hr and returns to Visakhapatnam at speed of 40 km/hr, through the same route. What is his average speed (in km/hr) of the entire journey?

A. 30



B. 28

C. 25

D. 29

Q13 Mathematics

Arun bought some pencils at the rate of ₹180 a dozen. He sold them for ₹18 each. His profit percentage is ____%.

A. 22

B. 20



C. 18

D. 24

Q14 Mathematics

In a store, the price of a bicycle is ₹4,300, with a trade discount of 12%. What is the amount of the discount?

A. ₹516



B. ₹548

C. ₹524

D. ₹486

Q15 Mathematics

The current population of a town is 16,362. It increases by 25% and 60% in two successive years but decreases by 50% in the third year. What is the population of the town at the end of the third year?

A. 16,363

B. 16,360

C. 16,358

D. 16,362

**Q16 Mathematics**

A number, when increased by 60%, gives 3630. The number is:

A. 6806.25

B. 2268.75



C. 1134.375

D. 4537.5

Q17 Mathematics

The value of $(3^0 + 3^{-2} + 3^{-1}) \times 27$ is ____.

A. 3

B. 32

C. 23

D. 39

**Q18 Mathematics**

In covering a distance of 162 km, Anmol takes 3 hours more than Nikhil. If Anmol doubles his speed, then he would take 6 hours less than Nikhil. Anmol's speed is:

A. 4 km/hr

B. 5 km/hr

C. 3 km/hr

D. 9 km/hr



Q19 Mathematics

Four times the present age of P exceeds the present age of Q by 46 years. After 7 years, three times Q's age will be 41 years less than seven times P's age at that time. What is the present age (in years) of Q?

A. 53

B. 64

C. 54



D. 56

Q20 Mathematics

The product of two positive numbers is 11045. If the first number is five times the second number, then the sum of the two numbers is:

A. 295

B. 289

C. 291

D. 282

**Q21 Mathematics**

What is the median of the following data?

24, 30, 40, 80, 15, 57, 78, 82, 39, 97, 82

A. 57



B. 57.5

C. 58

D. 56.5

Q22 Mathematics

Given that $17^{0.24} = x$, $17^{0.51} = y$ and $x^z = y^4$, then the value of z is close to:

A. 8.9

B. 8.58

C. 8.5



D. 10.44

Q23 Mathematics

If the longest diagonal of a cube measures 15 cm, then what is the total surface area (in sq. cm) of the cube?

A. 450 sq.cm



B. 540 sq.cm

C. $180\sqrt{3}$ sq.cm

D. 337.50 sq.cm

Q24 Mathematics

Pipe P can fill $\frac{2}{9}$ part of a tank in 20 hours, and pipe Q can fill $\frac{2}{5}$ part of the same tank in 18 hours.

Both P and Q were kept open for 3 hours, then both were closed. Pipe R alone was then opened and it emptied the water in the tank in 4 hours. Pipes P, Q and R together can fill the empty tank in:

A. 134 hours

B. 100 hours

C. 101 hours

D. 120 hours



Q25 Mathematics

If $X = \frac{\sin^2\theta}{1 + \cos\theta} - \frac{\sin\theta}{\cot\theta - \operatorname{cosec}\theta}$, then the value of $(X - 1)$ is:

A. $\sin^2\theta + \tan^2\theta$

B. $\cos^2\theta - \cot^2\theta$

C. $\sec^2\theta - \tan^2\theta$ ✓

D. $\operatorname{cosec}^2\theta + \cot^2\theta$

Q26 Mathematics

The value of $\sqrt{196} + \sqrt{0.0256} - \sqrt{7.29}$ is _____.

A. 12.2

B. 9.2

C. 8.11

D. 11.46 ✓

Q27 Mathematics

The value of $2^2 + \sqrt{8^2} - 3\sqrt{100} - 19$ is

A. -45

B. -44

C. -28

D. -37 ✓

Q28 Mathematics

A can do a work in 12 days and B can do the same work in 21 days. If they work on it together for 3 days, then what fraction of the work is left?

A. $\frac{15}{28}$

B. $\frac{17}{28}$ ✓

C. $\frac{25}{28}$

D. $\frac{27}{28}$



Q29 Mathematics

By selling an article at $\frac{4}{13}$ of its actual selling price, Hitesh incurs a loss of 22%. If he sells it at 60% of its actual selling price, then the profit percentage is:

A. 52.1% ☒

B. 54.2%

C. 53.9%

D. 54.5%

Q30 Mathematics

Simplify: $4\left(\left(\frac{5}{4}\right)x^2 - 25x + 19\right) - 5(x^2 + 5x - 14)$

A. $-125x - 146$ B. $-125x + 146$ ☒C. $125x - 146$ D. $125x + 146$ **General Intelligence & Reasoning**

30 Questions • Answer Key

Q31 General Intelligence & Reasoning

If 2 is added to each odd digit and 1 is subtracted from each even digit in the number 6531874, what will be the sum of the digits which are second from the left and second from the right in the new number thus formed?

A. 16 ☒

B. 12

C. 15

D. 14

Q32 General Intelligence & Reasoning

Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) 9 & # 3 % £ 4 7 & 2 \$ * 5 Ω 6 1 @ 8 (Right)

How many such symbols are there, each of which is immediately preceded by a number and also immediately followed by another number?

A. More than two ☒

B. None

C. One

D. Two

Q33 General Intelligence & Reasoning

Six people, A, B, C, D, E and F are sitting in a row, facing the north. Only two people are sitting to the right of C. A is sitting second to the left of D. B is sitting to the immediate right of A. F is sitting second to the right of D. Who is sitting second to the left of E?

A. C ☒

B. D

C. A

D. F

Q34 General Intelligence & Reasoning

Manoj starts from Point A and drives 11 km towards the south. He then takes a right turn and drives 7 km, then turns right and drives 13 km. He then takes a right turn and drives 12 km. He takes a final right turn, drives 2 km and stops at Point P. How far (shortest distance) and in which direction should he drive in order to reach Point A again? (All turns are 90-degree turns only unless specified.)

A. 4 km to the east

B. 5 km to the west ☒

C. 5 km to the east

D. 4 km to the west



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Q35 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. ME - HJ



B. ZG - VL

C. WA - SF

D. DY - ZD

Q36 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series?

97, 101, 110, 126, 151, ?

A. 185

B. 187



C. 186

D. 178

Q37 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. TWZ

B. LQR



C. PSV

D. YBE

Q38 General Intelligence & Reasoning

A is the mother of G. G is the father of D. D is the son of T. Y is the father of T. How is A related to Y?

A. Husband's mother

B. Daughter's husband's mother



C. Daughter's husband's sister

D. Husband's sister

Q39 General Intelligence & Reasoning

In a certain code language, 'WANT' is coded as '3517' and 'TIDE' is coded as '2146'. What is the code for 'T' in the given code language?

A. 5

B. 2

C. 1



D. 6

Q40 General Intelligence & Reasoning

Jwalith starts from Point Y and drives 25 km towards south. He then takes a left turn, drives 10 km. He then turns left and drives 25 km. He takes a final left turn, drives 7 km and stops at Point Z. How far (shortest distance) and towards which direction should he drive in order to reach Point Y again? (All turns are 90-degree turns only unless specified)

A. 3 km towards west



B. 25 km towards south

C. 7 km towards north

D. 6 km towards east

Q41 General Intelligence & Reasoning

Seven people, I, J, K, L, M, N and O, are sitting in a row, facing north. No one sits to the left of O. Only four people sit between O and I. Only three people sit to the right of K. J sits to the immediate left of N. L is not an immediate neighbour of K. Who sits at the rightmost end of the line?

A. K

B. I

C. L



D. N

Q42 General Intelligence & Reasoning

Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.

(Note: All numbers are single digit numbers only.)

(Left) @ 8 < 8 @ < 3 ^ # + \$ 6 2 ^ 1 ^ > \$ (Right)

If all the numbers are dropped from the series, which of the following will be seventh from the left?

A. #

B. >

C. @

D. +



Q43 General Intelligence & Reasoning

Aditya ranked 19th from the top and 29th from the bottom in his class. How many students are there in his class?

A. 47



B. 49

C. 46

D. 48

Q44 General Intelligence & Reasoning

In the following number-pairs, the second number is obtained by applying certain mathematical operations to the first number. Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

45, 165
21, 141

A. 25, 155

B. 12, 122

C. 38, 158



D. 32, 162

Q45 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series?

9 25 50 82 123 ?

A. 117

B. 127

C. 171



D. 172

Q46 General Intelligence & Reasoning

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

All chairs are papers.
No chair is a desk.

Conclusions:

(I): No paper is a desk.

(II): All papers are chairs.

A. Both Conclusions I and II follow

B. Only Conclusion I follows

C. Only Conclusion II follows

D. Neither Conclusion I nor II follows

**Q47 General Intelligence & Reasoning**

Each of the digits in the number 6243514 is arranged in ascending order from left to right. What will be the sum of the digits which are second from the left and third from the right in the new number thus formed?

A. 8

B. 5

C. 7

D. 6

**Q48 General Intelligence & Reasoning**

What should come in place of ? in the given series based on the English alphabetical order?

RTM PRK NPI LNG ?

A. JLE



B. JKF

C. JKE

D. JLF

Q49 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. DB-ZX

B. VT-RP

C. HF-DB

D. OM-JK



Q50 General Intelligence & Reasoning

If 1 is added for each odd digit and 1 is subtracted from each even digit of the number 86435621, how many digits are repeated more than once in the new number formed?

- A. None
- B. Two
- C. One
- D. More than two

**Q51 General Intelligence & Reasoning**

AQWE is related to FVBJ in a certain way based on the English alphabetical order. In the same way, UKQY is related to ZPVD. To which of the following is JZFN related, following the same logic?

- A. OKIT
- B. KIOP
- C. OKIU
- D. OEKS

**Q52 General Intelligence & Reasoning**

In a certain code language, 'BEST' is coded as '5237' and 'SINK' is coded as '6142'. What is the code for 'S' in the given code language?

- A. 6
- B. 2
- C. 4
- D. 3

**Q53 General Intelligence & Reasoning**

If 2 is added to each even digit and 3 is subtracted from each odd digit in the number 6325497, what will be the sum of the greatest and smallest digit in the number thus formed?

- A. 8
- B. 10
- C. 12
- D. 6

**Q54 General Intelligence & Reasoning**

What should come in place of the question mark (?) in the given series?

1091 1092 1096 1105 1121 ?

- A. 1131
- B. 1141
- C. 1146
- D. 1136

**Q55 General Intelligence & Reasoning**

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements: All pins are bugs. All pins are rulers.

Conclusions (I): Some bugs are rulers.

Conclusions (II): All rulers are pins.

- A. Both conclusions (I) and (II) follow.
- B. Only conclusion (II) follows.
- C. Only conclusion (I) follows.
- D. Neither conclusion (I) nor (II) follows.

**Q56 General Intelligence & Reasoning**

XSLE is related to AWOI in a certain way based on the English alphabetical order. In the same way, JIXU is related to MMAY. To which of the following options is SUGG related, following the same logic?

- A. VYKI
- B. VIKU
- C. VYJK
- D. VJKU

**Q57 General Intelligence & Reasoning**

Seven boxes R, S, T, U, V, W and Z are kept one over the other, but not necessarily in the same order. Z is kept immediately above S. V is kept immediately above T. Only U is kept above W. Only two boxes are kept above Z. V is not kept at the third position from the bottom. How many boxes are kept between R and U?

- A. One
- B. Four
- C. Two
- D. Three



Q58 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series based on the English alphabetical order?

WGO GRA QCM ANY ?

A. KKY

B. YKK

C. KYK



D. KUK

Q59 General Intelligence & Reasoning

OWLS is related to TRPO in a certain way based on the English alphabetical order. In the same way, YMTK is related to DHXG. To which of the following is ICBC related, following the same logic?

A. OWGX

B. MYEZ

C. NXFY



D. NWEX

Q60 General Intelligence & Reasoning

All 93 students in a class are standing in a row facing north. Veer is 48th from the right end while Kabir is 33rd from the left end. How many people stand between Veer and Kabir?

A. 13

B. 12



C. 14

D. 11

General Awareness

40 Questions • Answer Key

Q61 General Awareness

Which single-window telecom regulator's April 2025 consultation on satellite-based spectrum assignment complements India's 6G backhaul ambitions?

A. WPC

B. NIC

C. NIXI

D. TRAI

**Q63 General Awareness**

Which Amendment is considered a near rewrite of the Constitution and made changes to the Preamble, Schedule VII and 53 Articles?

A. 42ndAmendment



B. 86thAmendment

C. 44thAmendment

D. 38thAmendment

Q62 General Awareness

Which legal authority gives statutory status to Lok Adalats in India?

A. The Arbitration and Conciliation Act

B. The Indian Penal Code

C. The Civil Procedure Code

D. The Legal Services Authorities Act

**Q64 General Awareness**

Rajendra Chola I is known for his naval expeditions on the revived Sri Vijaya empire of:

A. Cambodia

B. Sri Lanka

C. Indonesia



D. Myanmar

Q65 General Awareness

Which of the following is used to access programs, files and settings in Windows 7?

A. Control Panel

B. Notification Area

C. Start Button



D. Taskbar



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Q66 General Awareness

According to the Inter-Services Organisations (Command, Control and Discipline) Act, 2023—effective from May 2025—unified command authority has been granted over personnel from which branches of the Indian Armed Forces?

- A. Navy and Air Force
- B. Army, Navy, and Air Force** ✓
- C. Army and Coast Guard
- D. Army and Navy

Q67 General Awareness

Which Article of the Constitution of India deals with the post of the Governor?

- A. Article 153** ✓
- B. Article 74
- C. Article 112
- D. Article 63

Q68 General Awareness

Which Indian state hosted the International Millet Conference, 2025, to promote millet farming and trade?

- A. Rajasthan
- B. Odisha
- C. Karnataka** ✓
- D. Telangana

Q69 General Awareness

Public health programmes enhance access to life-saving interventions and services. Which scheme aims to provide free health coverage to 50 crore beneficiaries in India?

- A. Ujjwala Yojana
- B. Ayushman Bharat - PMJAY** ✓
- C. National Rural Health Mission
- D. PM-KISAN

Q70 General Awareness

The critical angle for diamond is approximately _____.

- A. 45°
- B. 24.4°** ✓
- C. 60°
- D. 31.8°

Q71 General Awareness

The Tropic of Cancer passes through which two northeastern states of India?

- A. Nagaland and Mizoram
- B. Tripura and Nagaland
- C. Tripura and Manipur
- D. Tripura and Mizoram** ✓

Q72 General Awareness

Which of the following countries was elected as the President of the African-Asian Rural Development Organization for the Triennium 2025–2027 during its 21st General Session in February 2025?

- A. Indonesia
- B. Bangladesh
- C. Egypt
- D. India** ✓

Q73 General Awareness

As of April 2025, under which pension scheme do the players who won silver or bronze medal in Asian or Commonwealth Games get a pension of ₹12,000 per month?

- A. Sports Fund for Pension to Meritorious Sportspersons** ✓
- B. Pension to Meritorious Sportspersons
- C. Retired Sportsperson Empowerment Training Programme
- D. Panchayat Yuva Krida aur Khel Abhiyan

Q74 General Awareness

Which of the following applications can help you NOT to create a file?

- A. Paint
- B. Windows Explorer** ✓
- C. Notepad
- D. MS-Word

Q75 General Awareness

Which foreign ruler invaded India in 1739, leading to the massacre of Delhi and further weakening the Mughal Empire?

- A. Sher Shah
- B. Babur
- C. Ahmad Shah Abdali
- D. Nadir Shah** ✓



Q76 General Awareness

What is the name of the ancient Indian text on dramaturgy and theatre?

- A. Manusmriti
- B. Rigveda
- C. Natya Shastra
- D. Arthashastra

Q77 General Awareness

The internal energy of gas is the _____.

- A. only potential energies of its molecules when the box is at rest
- B. sum of rotational, vibrational and potential energies of its molecules when the box is at rest
- C. sum of kinetic and potential energies of its molecules when the box is at rest
- D. sum of translational, rotational and vibrational energies of its molecules when the box is at rest

Q78 General Awareness

The Advocates (Amendment) Bill, 2025, proposed which significant change to the legal profession?

- A. Ban on entry of foreign law firms in India
- B. Dissolution of Bar Council of India structure
- C. Retirement age fixed at 60 for advocates
- D. Recognising in-house counsel and corporate lawyers as "legal practitioners"

Q79 General Awareness

On which theme did the Reserve Bank of India (RBI) organise a conference for large-sized Non-Banking Financial Companies (NBFCs) in Chennai on 28 March 2025?

- A. NBFCs: The Rise of the Indian Economy
- B. The Future of NBFC Unfolds
- C. Shared Vision, Shared Responsibility: Strengthening the NBFCs
- D. Advancing the Digital Disruptions in NBFCs

Q80 General Awareness

Who among the following has been re-elected as the President of Ecuador in May 2025?

- A. Guillermo Lasso
- B. Lenin Moreno
- C. Daniel Noboa
- D. Rafael Correa

Q81 General Awareness

In May 2025, the central government extended the tenure of Central Bureau of Investigation (CBI) director Praveen Sood for a period of _____.

- A. 2 years
- B. 6 months
- C. 3 months
- D. 1 year

Q82 General Awareness

What is the direction of frictional force?

- A. Along the normal to the contact surface
- B. Opposite to the direction of relative motion
- C. Perpendicular to the motion
- D. Same as the direction of applied force

Q83 General Awareness

Which constitutional body is empowered to adjudicate legal disputes between the Centre and one or more states in India?

- A. Supreme Court of India
- B. Inter-State Council
- C. Election Commission
- D. Finance Commission

Q84 General Awareness

In which of the following states did the Defence Research and Development Organisation (DRDO) conduct the maiden flight-trials of the Stratospheric Airship Platform in May 2025?

- A. Punjab
- B. Madhya Pradesh
- C. Karnataka
- D. Odisha

Q85 General Awareness

This freedom fighter did not share Gandhi's ideal of 'ahimsa' and 'satyagraha'. In 1941, he left his Calcutta home to Singapore via Germany and raised the Indian National Army. The leader in question is:

- A. Subhash Chandra Bose
- B. Mohan Singh
- C. Captain Laxmi
- D. Jawaharlal Nehru



Q86 General Awareness

Which Indian author won the Debut category at the KLF Book Awards in 2025 for 'The Many Lives of Syeda X'?

- A. Gautam Choubey
- B. Rohit Manchanda
- C. Neha Dixit
- D. Anant Vijay

**Q87 General Awareness**

Sand dunes that form long ridges parallel to the coastline are most common _____.

- A. along tectonic plate boundaries
- B. in estuarine regions only
- C. along low sedimentary coasts
- D. along high rocky coasts

**Q88 General Awareness**

Why is infrastructure referred to as the 'wheels' of economic growth?

- A. It supports currency circulation.
- B. It is part of international trade.
- C. It helps in stabilising inflation.
- D. It enables delivery of goods, services and access.

**Q89 General Awareness**

Which state / union territory had the highest urbanisation in 2011, as per the Census of India data?

- A. Chandigarh
- B. Delhi
- C. Assam
- D. Meghalaya

**Q90 General Awareness**

Which of the following is located in the northern part of the Eastern Ghats?

- A. Anaimalai hills
- B. Doddabetta hills
- C. Mahendragiri hills
- D. Nilgiri hills

**Q91 General Awareness**

Human development emphasises enlarging people's choices by improving health, education, and income. Which global organisation publishes the Human Development Index (HDI)?

- A. International Monetary Fund
- B. World Bank
- C. World Economic Forum
- D. United Nations Development Programme

**Q92 General Awareness**

Which of the following major events followed the death of Potti Sreeramulu?

- A. Creation of linguistic minorities commission
- B. Appointment of the States Reorganisation Commission
- C. Formation of the Planning Commission
- D. Formation of the Election Commission

**Q93 General Awareness**

Which of the following events led to the division of the Indian National Congress into Moderates and Extremists in 1907?

- A. Surat Session
- B. Arrival of Simon Commission
- C. Partition of Bengal
- D. Formation of Muslim League

**Q94 General Awareness**

Which of the following institutes launched Bharat Cancer Genome Atlas in February 2025?

- A. Indian Institute of Technology, Gandhinagar
- B. Indian Institute of Technology, Bombay
- C. Indian Institute of Technology, Madras
- D. Indian Institute of Technology, Delhi

**Q95 General Awareness**

What three-part economic strategy defined India's policy changes in the 1990s?

- A. Nationalisation, Regulation and Protectionism
- B. Liberalisation, Privatisation and Globalisation
- C. Urbanisation, Industrialisation and Digitalisation
- D. Devolution, Decentralisation and Deregulation



Q96 General Awareness

Providing immediate assistance during a disaster is classified under which stage of disaster management?

- A. Prevention
- B. Reconstruction
- C. Relief response
- D. Preparation



Q97 General Awareness

Which Indian state is set to host the country's first AI-centric Special Economic Zone (SEZ)?

- A. Karnataka
- B. Tamil Nadu
- C. Maharashtra
- D. Chhattisgarh



Q98 General Awareness

Wet farming is least likely to be found among which the following Indian states?

- A. Assam
- B. Tripura
- C. Haryana
- D. Manipur



Q99 General Awareness

Which of the following Directive Principles reflects Gandhian ideology?

- A. Uniform civil code
- B. Separation of judiciary from the executive
- C. Equal pay for equal work
- D. Organisation of village panchayats



Q100 General Awareness

Which of the following styles of temple architecture is predominantly found in North India?

- A. Vesara
- B. Baroque
- C. Nagara
- D. Dravidian



Mathematics

30 Questions · Answer Key

Q1 Mathematics

The average runs scored by a batsman in 23 matches is 42. In the next 10 matches, the batsman scored an average of 16 runs. Find his average runs scored (rounded off to two decimal places) in all the 33 matches.

- A. 33.12
- B. 36.12
- C. 35.12
- D. 34.12



Q2 Mathematics

Zeeshan travels 364 km at 91 km/hr, the next 441 km at 63 km/hr and the next 648 km at 81 km/hr. What is his average speed (in km/hr) for the whole journey? (Round off your answer to two decimal places)

- A. 69.95
- B. 76.47
- C. 72.94
- D. 79.14



Q3 Mathematics

If the radius of a sphere is halved, then find the ratio of volume of the original sphere with that of the new sphere.

- A. 16 : 1
- B. 8 : 1
- C. 4 : 1
- D. 2 : 1



Q4 Mathematics

The LCM of the numbers 3.9 and 0.169 is:

- A. 0.507
- B. 507
- C. 5.07
- D. 50.7



Q5 Mathematics

The number 869671195 is divisible by which of the following?

- A. 5
- B. 13
- C. 15
- D. 12



Q6 Mathematics

The HCF and the LCM of two numbers are 13 and 1170, respectively. If one of the numbers is 130, find the other one.

- A. 91
- B. 143
- C. 104
- D. 117



Q7 Mathematics

Given that $73^{0.51} = x$, $73^{0.73} = y$ and $x^z = y^{10}$, then the value of z is close to:

- A. 13.77
- B. 16.92
- C. 14.22
- D. 14.31



Q8 Mathematics

Find the difference between a discount of 32% on an item marked for ₹1,000 and two successive discounts of 20% and 12% on the same item.

- A. ₹24
- B. ₹26
- C. ₹22
- D. ₹20



Q9 Mathematics

If the third proportional of 26 and 52 be x , then what is the value of x ?

- A. 102
- B. 106
- C. 107
- D. 104

**Q10 Mathematics**

Find the simple interest (in ₹) if a sum of ₹400 is borrowed for 6.5 years at 4% per annum rate of interest.

- A. 104
- B. 154
- C. 204
- D. 84

**Q11 Mathematics**

In $\triangle ABC$, $BD \perp AC$ at D and $\angle DBC = 55^\circ$. E is a point on BC such that $\angle CAE = 56^\circ$. What is the measure of $\angle AEB$?

- A. 90°
- B. 88°
- C. 85°
- D. 91°

**Q12 Mathematics**

The product of two consecutive natural numbers is 306. The greater of the two numbers is:

- A. 18
- B. 36
- C. 19
- D. 31

**Q13 Mathematics**

Aman and Pawan together invested ₹62,800 in a business. At the end of the year, out of a total profit of ₹11,600, Pawan's share was ₹2,900. What was the difference between their investments?

- A. ₹32,000
- B. ₹31,800
- C. ₹30,400
- D. ₹31,400

**Q14 Mathematics**

Maresh bought some pens at the rate of ₹180 a dozen. He sold them for ₹19 each. His profit percentage is _____.

(Round off your answer to two decimal places.)

- A. 28.67%
- B. 30.67%
- C. 26.67%
- D. 24.67%

**Q15 Mathematics**

An amount of ₹976 is divided among three persons in the ratio of 2 : 11 : 17. The difference between the largest and the smallest shares (in ₹) in the distribution is:

- A. 531
- B. 488
- C. 517
- D. 495

**Q16 Mathematics**

A number when increased by 100% gives 2770. The number is:

- A. 2770
- B. 4155
- C. 1385
- D. 692.5

**Q17 Mathematics**

What is the discount on a product with a list price of ₹3,000 and a discount rate of 25%?

- A. ₹900
- B. ₹1,000
- C. ₹750
- D. ₹700

**Q18 Mathematics**

A man goes to Nagpur from Visakhapatnam at a speed of 20 km/hr and returns to Visakhapatnam at speed of 30 km/hr, through the same route. What is his average speed (in km/hr) of the entire journey?

- A. 22
- B. 23
- C. 24
- D. 26



Q19 Mathematics

The current population of a town is 15,250. It increases by 25% and 60% in two successive years but decreases by 57% in the third year. What is the population of the town at the end of the third year?

A. 13,115



B. 13,118

C. 13,110

D. 13,111

Q20 Mathematics

The average price of three items of furniture is ₹16,035. If their prices are in the ratio 3 : 5 : 7, the price of the cheapest item (in ₹) is:

A. 7,483

B. 9,621



C. 5,345

D. 3,207

Q21 Mathematics

If the interest earned during the 2nd year on a certain sum is ₹5,916, and the rate of interest is 20% per annum compounded annually, then the sum is:

A. ₹25,540

B. ₹24,870

C. ₹24,650



D. ₹23,995

Q22 Mathematics

9 men can complete a piece of work in 16 days, while 5 women can do it in 18 days. In how many days can 2 women and 4 men complete the work?

A. 16 days

B. 18 days

C. 15 days

D. 20 days

**Q23 Mathematics**

8 years ago, the age of a father was 11 years more than twice his son's age. After how many years, from now, will he be twice his son's age?

A. 7

B. 2

C. 3



D. 4

Q24 Mathematics

A can lay railway track between two given stations in 17 days and B can do the same job in 12 days. With the help of C, they did the job in 2 days only. Then, C alone can do the job in

A. $2\frac{58}{73}$ days



B. $10\frac{58}{73}$ days

C. $7\frac{58}{73}$ days

D. $6\frac{58}{73}$ days



Q25 Mathematics

A cylindrical rod has an outer curved surface area of 7500 cm^2 . If the length of the rod is 87 cm, then the outer radius (in cm) of the rod, correct to two places of decimal, is:

(Take $\pi = \frac{22}{7}$)

A. 16.68

B. 13.71



C. 13.96

D. 16.52

Q26 Mathematics

By selling an article at $\frac{2}{5}$ of its actual selling price, Aman incurs a loss of 24%.

If he sells it at 81% of its actual selling price, then the profit percentage is:

A. 55.7%

B. 53.9%



C. 55.9%

D. 55.5%

Q27 Mathematics

Simplify: $3\left(\left(\frac{6}{3}\right)x^2 - 23x + 18\right) - 6(x^2 + 4x - 15)$

A. $-93x - 144$

B. $93x + 144$

C. $93x - 144$

D. $-93x + 144$

**Q28 Mathematics**

The value of $\frac{2}{5} + \left(\frac{1}{1 + \frac{4}{9}}\right) - \frac{4}{5}$ is

A. $\frac{20}{73}$

B. $\frac{12}{59}$

C. $\frac{19}{65}$



D. $\frac{24}{67}$



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Q29 Mathematics

Find the value of $\frac{1}{\sec^2 A} + \frac{1}{1 + \cot^2 A}$.

A. 0

B. 1 C. $\tan^2 A$ D. $\frac{1}{2}$ **Q30** Mathematics

Find the value of $14^{-23} \times 25^{-23} \times 15^{-23}$.

A. $\frac{1}{5214^{23}}$ B. $\frac{1}{5250^{23}}$ C. $\frac{1}{5257^{23}}$ D. $\frac{1}{5243^{23}}$ **General Intelligence & Reasoning**

30 Questions • Answer Key

Q31 General Intelligence & Reasoning

Seven boxes U, V, W, X, E, F and G are kept one over the other but not necessarily in the same order. V is kept second from the bottom. Only three boxes are kept between V and W. X is kept at one of the positions below V. Only E is kept between W and G. U is kept at one of the positions above W. How many boxes are kept between F and X?

A. Four

B. Two

C. One 

D. Three

Q32 General Intelligence & Reasoning

YELP is related to BZOK in a certain way based on the English alphabetical order. In the same way, EURF is related to HPUA. To which of the given options is KKXV related, following the same logic?

A. MEBR

B. NFAQ 

C. MDAP

D. OGZP

Q33 General Intelligence & Reasoning

Each of the digits in the number 257146983 is arranged in ascending order from left to right. What will be the sum of the digits which are third from the left and second from the right in the new number thus formed?

A. 12

B. 10

C. 11 

D. 13



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Q34 General Intelligence & Reasoning

If + means $\times$, $\times$ means $\div$ and $\div$ means +, then what will come in place of the question mark (?) in the following equation?

$$9 - 4 + 24 \div 21 \times 3 = ?$$

A. 12

B. 4

C. 19



D. 26

Q35 General Intelligence & Reasoning

In a certain code language,
'A % B' means 'A is the daughter of B',
'A = B' means 'A is the wife of B',
'A ¥ B' means 'A is the father of B' and
'A # B' means 'A is the brother of B'.

How is W related to S if 'W % A # K = E ¥ S'?

A. Mother's brother's wife

B. Mother's brother's daughter



C. Mother's brother's sister

D. Mother's brother's son

Q36 General Intelligence & Reasoning

JGCK is related to HEAL in a certain way based on the English alphabetical order. In the same way, MJFN is related to KHD L. To which of the given options is PMIQ related, following the same logic?

A. NKHO

B. NKGP

C. NKGO



D. NKHP

Q37 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. ZC-EH

B. JM-OR

C. FI-KM



D. TW-YB

Q38 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series?

26 38 46 58 66 78 ?

A. 88

B. 82

C. 86



D. 84

Q39 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series?

99 100 105 114 127 ?

A. 143

B. 146

C. 145

D. 144

**Q40 General Intelligence & Reasoning**

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.

Statements:

All cartons are boxes.
No box is a sheet.

Conclusions:

(I) No carton is a sheet.
(II) Some sheets are boxes.

A. Both conclusions (I) and (II) follow.

B. Only conclusion (II) follows.

C. Only conclusion (I) follows.



D. Neither conclusion (I) nor (II) follows.

Q41 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series based on the English alphabetical order?

LRY, SQA, ZPC, ?, NNG

A. JOF

B. GOF

C. JOE

D. GOE



Q42 General Intelligence & Reasoning

In a certain code language, 'DIRT' is coded as '5274' and 'TIDY' is coded as '4352'. What is the code for 'Y' in the given code language?

A. 4

B. 5

C. 3



D. 2

Q43 General Intelligence & Reasoning

Wasim ranked 24th from the top and 29th from the bottom in his class. How many students are there in his class?

A. 53

B. 51

C. 50

D. 52

**Q44 General Intelligence & Reasoning**

Luv starts from Point A and drives 8 km towards the east. He then takes a right turn and drives 5 km, then turns right and drives 11 km. He then takes a right turn and drives 12 km. He takes a final right turn, drives 3 km and stops at Point P. How far (shortest distance) and in which direction should he drive in order to reach Point A again? (All turns are 90-degree turns only unless specified.)

A. 6 km to the north

B. 7 km to the south



C. 7 km to the north

D. 6 km to the south

Q45 General Intelligence & Reasoning

Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

EXN 12, IBR 23, MFV 34, QJZ 45, ?

A. TMC 54

B. UND 56



C. SNB 57

D. UMB 56

Q46 General Intelligence & Reasoning

Seven people, B, C, D, E, F, G and L, are sitting in a row facing North. Only three people sit between D and G. C sits to the immediate left of G. No one sits to the right of L. Only two people sit between L and C. B sits to the immediate right of E. How many people sit between F and B?

A. Four

B. Two



C. One

D. Three

Q47 General Intelligence & Reasoning

Priya starts from Point Y and drives 12 km towards the east. She then takes a right turn, drives 10 km. She then turns right and drives 15 km. She takes a final right turn, drives 10 km and stops at Point Z. How far (shortest distance) and towards which direction should she drive in order to reach Point Y again? (All turns are 90-degree turns only unless specified)

A. 2 km towards west

B. 9 km towards north

C. 7 km towards south

D. 3 km towards east

**Q48 General Intelligence & Reasoning**

In a certain code language, 'BODY' is coded as '2469' and 'DICE' is coded as '1593'. What is the code for 'D' in that language?

A. 1

B. 3

C. 9



D. 6

Q49 General Intelligence & Reasoning

Seven boxes A, B, C, D, E, F and G are kept one over the other but not necessarily in the same order. D is kept second from the bottom. Only three boxes are kept between D and E. B is kept at one of the positions below D. Only A is kept between E and C. F is kept at one of the positions above E. How many boxes are kept below D?

A. 4

B. 1



C. 3

D. 2



Q50 General Intelligence & Reasoning

Each of the digits in the number 7452318 is arranged in ascending order from left to right. What will be the sum of the digits which are second from the left and second from the right in the new number thus formed?

A. 9



B. 11

C. 8

D. 10

Q51 General Intelligence & Reasoning

This question is based on the five, three-digit numbers given below.

(Left) 268 667 457 856 426 (Right)

(Example: 697 – First digit = 6, second digit = 9 and third digit = 7)

(NOTE: All operations to be done from left to right.)

If 1 is subtracted from the first digit of every number, in how many numbers will the third digit be exactly divisible by the first digit?

A. Two



B. Three

C. One

D. None

Q52 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster pair.)

A. HL-CU

B. WA-RI



C. NR-IA

D. CG-XP

Q53 General Intelligence & Reasoning

This question is based on the five, three-digit numbers given below.

(Left) 893 620 514 487 928 (Right)

(Example: 697 – First digit = 6, second digit = 9 and third digit = 7)

(NOTE: All operations to be done from left to right.)

What will be the LCM of the 2nd digits of all the numbers?

A. 48

B. 36

C. 9

D. 72

**Q54 General Intelligence & Reasoning**

Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(Note: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g., 13 – Operations on 13 such as adding/subtracting/multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(23, 70, 211)

(12, 37, 112)

A. (5, 16, 48)

B. (33, 100, 301)



C. (18, 54, 153)

D. (22, 45, 105)

Q55 General Intelligence & Reasoning

In the following triads, each group of letters is related to the subsequent one following a certain logic. Select from the given options, the one which follows the same logic.

LONG - ONLG - GNOL

EARN - AREN - NRAE

A. CUTE - UCTE - EUTC

B. BACK - ACBK - ACKB

C. COIN - OICN - NIOC



D. SKIP - SIKP - PIKS



Q56 General Intelligence & Reasoning

Read the given statement(s) and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statement(s).

Statements:

No Buffaloes are Cats.
Some Cats are Turkeys.

Conclusions:

I. No Buffaloes are Turkeys.
II. Some Buffaloes are Turkeys.

A. Neither conclusion (I) nor (II) follows. ✓

B. Only conclusion (I) follows.

C. Only conclusion (II) follows.

D. Both conclusions (I) and (II) follow.

Q57 General Intelligence & Reasoning

If 'A' stands for '+', 'B' stands for '×', 'C' stands for '+' and 'D' stands for '-', what will come in place of the question mark (?) in the following equation?

23 D 16 A 4 C 6 B 2 = ?

A. 31 ✓

B. 26

C. 14

D. 37

Q58 General Intelligence & Reasoning

Seven people A, B, C, D, E, F and G are sitting in a row, facing north.
No one sits to the right of D. Only three people sit between D and F. Only two people sit between F and A. G sits third to the left of B. C sits to the immediate right of B. How many people sit to the right of E?

A. 2

B. 3

C. 5 ✓

D. 4

Q59 General Intelligence & Reasoning

What should come in place of the question mark (?) in the given series?

5 7 11 17 25 ?

A. 30

B. 25

C. 35 ✓

D. 40

Q60 General Intelligence & Reasoning

Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

A. MP-TK

B. OR-VM

C. KN-RI

D. QT-XP ✓

General Awareness

40 Questions • Answer Key

Q61 General Awareness

What is the term for India's mainstream Hindi-language film industry?

A. Tollywood

B. Bollywood ✓

C. Mollywood

D. Kollywood

Q62 General Awareness

What is the eligibility criteria for the beneficiaries of the Prime Minister Employment Generation Programme (PMEGP) for projects costing above ₹10 lakh in the manufacturing sector and above ₹5 lakh in the business/service sector?

A. At least X standard pass

B. At least V standard pass

C. At least VIII standard pass ✓

D. At least XII standard pass



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Q63 General Awareness

Which Article gives the President of India the power to grant pardons and reprieves?

A. Article 72



B. Article 75

C. Article 74

D. Article 76

Q64 General Awareness

When did John Dalton publish his atomic theory that holds that all elements are made up of tiny, indivisible particles?

A. 1808



B. 1798

C. 1800

D. 1803

Q65 General Awareness

Which of the following options explains the variation in temperature between coastal and interior parts of India?

A. Pressure belts

B. Latitude

C. Altitude

D. Continentality

**Q66 General Awareness**

The artistic and architectural style evident in the Bagh Caves of Madhya Pradesh, India, is predominantly associated with which of the following faiths?

A. Buddhism



B. Jainism

C. Hinduism

D. Islam

Q67 General Awareness

The AI-powered handheld X-ray devices deployed in Uttar Pradesh for TB detection have been designed to interpret which rapid diagnostic assay?

A. LAMP-TB

B. Line Probe Assay

C. Truenat



D. CB-NAAT

Q68 General Awareness

To resolve peace following the riots that followed the Partition, the 'Delhi Pact' was signed between the Indian Prime Minister, Jawaharlal Nehru, and the Pakistan Prime Minister, _____.

A. Malik Firoz Khan Noon

B. Muhammad Ali Jinnah

C. Benazir Bhutto

D. Liaquat Ali Khan

**Q69 General Awareness**

What was the Extremists' method to resist British policies apart from agitation and boycott?

A. Cultural assimilation

B. Armed rebellion

C. Petitioning Parliament

D. Passive resistance

**Q70 General Awareness**

Where was India's first solar-powered airport terminal inaugurated in early 2025?

A. Kerala



B. Dehradun

C. Bhubaneswar

D. Goa

Q71 General Awareness

What type of rocks mainly compose the Peninsular Plateau of India?

A. Young sedimentary rocks formed in coastal plains

B. Old crystalline, igneous and metamorphic rocks



C. Layers of limestone and sandstone from marine origin

D. Recent volcanic lava deposits from plate margins

Q72 General Awareness

What is the nature of the Concurrent List in the Indian Constitution?

A. Both the Centre and the States can legislate



B. Only during emergencies

C. Exclusively for Union

D. Exclusively for States



Q73 General Awareness

The Kyoto Protocol is related to (the) ____.

- A. protection of ozone layer
- B. preservation of wildlife
- C. desertification control
- D. reduction of greenhouse gas emissions ✓

Q74 General Awareness

Airports play a vital role in improving regional connectivity. Which scheme promotes affordable air travel to under-served and unserved airports?

- A. UDAY
- B. UDAN ✓
- C. Sagarmala
- D. PM Gati Shakti

Q75 General Awareness

The primary purpose of the cache memory is to:

- A. store data permanently
- B. store data for later use
- C. display images on screen
- D. increase the speed of data retrieval ✓

Q76 General Awareness

Why are tribal settlements usually located in remote and forested areas of India?

- A. Because they are not allowed to enter cities
- B. Due to easy access to modern infrastructure
- C. Because government policies force them to live there
- D. Because forests provide natural resources and livelihood ✓

Q77 General Awareness

In April 2025, which Indian opposition leader discussed concerns about democratic backsliding in a 2025 event at Brown University?

- A. Arvind Kejriwal
- B. Rahul Gandhi ✓
- C. Sharad Pawar
- D. Mamata Banerjee

Q78 General Awareness

Which value has three significant figures?

- A. 0.0056
- B. 23.0 ✓
- C. 1.620
- D. 287.50

Q79 General Awareness

John Dramani Mahama has been sworn in as the President of which country in January 2025?

- A. Ghana ✓
- B. South Africa
- C. Kenya
- D. Morocco

Q80 General Awareness

Where was INIOCHOS-25, the multinational air exercise hosted by the Hellenic Air Force, conducted?

- A. Greece ✓
- B. Bulgaria
- C. Albania
- D. Macedonia

Q81 General Awareness

Which ministry introduced the Drugs and Cosmetics (Compounding of Offences) Rules, 2025, to streamline minor offence resolution?

- A. Ministry of Consumer Affairs, Food and Public Distribution
- B. Ministry of Pharmaceuticals
- C. Ministry of Health and Family Welfare ✓
- D. Ministry of Chemicals and Fertilizers

Q82 General Awareness

Which of the following is an example of secondary memory?

- A. Cache Memory
- B. ROM
- C. RAM
- D. Hard Disk ✓



Q83 General Awareness

Which of the following factors has least contributed to rural distress in India?

- A. Post-harvest infrastructure shortages
- B. High rural literacy levels ✓
- C. Declining productivity of rainfed agriculture
- D. Fragmentation of land holdings

Q84 General Awareness

To align with modern industrial practices, which new order did the Central Government introduce in 2025 to replace the Sugar (Control) Order, 1966?

- A. The Sugar (Monitoring and Pricing) Order, 2025
- B. The Sugar (Control) Order, 2025 ✓
- C. The Sugar (Production and Supply) Order, 2025
- D. The Sugar (Trade and Export) Order, 2025

Q85 General Awareness

Tertiary activities are also known as the:

- A. agricultural sector
- B. health sector
- C. service sector ✓
- D. industrial sector

Q86 General Awareness

Which type of Municipality is formed for a transitional area under Article 243Q of the Indian Constitution?

- A. Nagar Panchayat ✓
- B. Town Panchayat
- C. Municipal Corporation
- D. Municipal Council

Q87 General Awareness

The World Happiness Report, 2025, ranked which of following countries as the happiest in the world for the seventh consecutive year?

- A. Iceland
- B. Finland ✓
- C. Denmark
- D. Switzerland

Q88 General Awareness

The Sannyasi-Fakir Rebellion commenced in the second half of which of the following centuries?

- A. 18th ✓
- B. 19th
- C. 16th
- D. 17th

Q89 General Awareness

Which of the following mass movements occurs when saturated soil and debris flow down a slope during heavy rainfall?

- A. Mudflow ✓
- B. Avalanche
- C. Soil creep
- D. Rockfall

Q90 General Awareness

Which of the following duties was added by the Constitution (Eighty-sixth Amendment) Act, 2002?

- A. To develop a scientific temper
- B. To uphold and protect national unity
- C. To protect the environment
- D. To provide education to children aged six to fourteen years ✓

Q91 General Awareness

As in May 2025, who was the Secretary, Department of Atomic Energy (DAE) & Chairman, Atomic Energy Commission (AEC)?

- A. Sekhar Basu
- B. Ajit Kumar Mohanty ✓
- C. Ratan Kumar Sinha
- D. KN Vyas

Q92 General Awareness

Who among the following Delhi Sultans controlled the prices of food; horses, ponies, cattle and slaves; cloth and fruit; and articles for domestic consumption and personal use?

- A. Ghiyasuddin Tughluq
- B. Ghiyasuddin Balban
- C. Alauddin Khalji ✓
- D. Khizr Khan



Q93 General Awareness

In June 2025, Garden Reach Shipbuilders & Engineers Limited (GRSE) signed an MoU with Norway's Kongsberg to build India's first vessel in which category?

A. Deep-submergence rescue vessel

B. Polar research vessel



C. Aircraft carrier

D. Hospital ship

Q94 General Awareness

On which of the following states of India did Siraj-ud-Daula, Mir Jafar and Mir Qasim rule in the 18th century?

A. Andhra

B. Bengal



C. Gujarat

D. Kerala

Q95 General Awareness

In India, how many sessions of Parliament are held in a year?

A. Three



B. One

C. Two

D. Six

Q96 General Awareness

Which pair acts as a conjugate acid-base pair?

A. Cl_2 and Cl^-

B. NaOH and OH^-

C. H_2O and HCl

D. NH_4^+ and NH_3

**Q97 General Awareness**

Who received the Football Writers' Association (FWA) Women's Footballer of the Year award for the 2024-25 season?

A. Mariona Caldentey

B. Khadija Shaw

C. Lauren James

D. Alessia Russo

**Q98 General Awareness**

Who among the following launched the AIKosha in 2025?

A. Union Minister for Finance

B. Union Minister for Health & Family Welfare

C. Union Minister for Electronics & Information Technology



D. Union Minister for Defence

Q99 General Awareness

What was the major aim of India's 1991 economic reforms?

A. To reduce taxes on luxury goods

B. To stabilise India's economy



C. To increase government control

D. To nationalise all companies

Q100 General Awareness

The 18th Pravasi Bharatiya Divas Convention (PBD) 2025 was held in which month of 2025 in Bhubaneswar?

A. April

B. March

C. February

D. January

