



रेलवे भर्ती बोर्ड / RAILWAY RECRUITMENT BOARDS
०५/२०२४ - एनटीपीसी स्नातक स्तर - CEN - 05/2024 - NTPC Graduate Level



RRB NTPC Graduate 2024 CBT 2

Graduate Level · CEN 05/2024 · Question Paper Compilation

English

All 2 Shifts (Sets) · Official Answer Key

About this Compilation

This booklet compiles all **2 shift papers** of the **RRB NTPC Graduate 2024 CBT 2** examination (CEN 05/2024) 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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Index — All Sets (click to open)

Set 1

13 Oct 2025

2:30 PM - 4:00 PM

Set 2

13 Oct 2025

9:30 AM - 11:00 AM

Q1

The number 699138 is divisible by:

- A. 102
- B. 108
- C. 99
- D. 117



Q2

Each of A, B, C, D, E, F, and G has an exam on a different day of a week starting from Monday and ending on Sunday of the same week. A has an exam on Tuesday. Exactly three people have exams between A and D. F's exam is immediately after G's exam. Only one person has an exam between B and F. C has an exam before both B and E. E does not have an exam on Saturday or Sunday. How many people have exams after C?

- A. 6
- B. 3
- C. 5
- D. 4



Q3

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

$$8 C 7 B 24 D 8 A 5 = ?$$

- A. 58
- B. 56
- C. 57
- D. 59



Q4

In a certain code language,
 A + B means 'A is the mother of B'
 A - B means 'A is the brother of B'
 A x B means 'A is the wife of B'
 A ÷ B means 'A is the father of B'

Which of the following means that S is daughter of P?

- A. $P \times Q \div R + S - T$
- B. $P - Q \div R \times S + T$
- C. $P \times Q \div R - S + T$
- D. $P \times Q + R - S \div T$



Q5

The Intergovernmental Panel on Climate Change (IPCC), founded in 1988 to address global warming, was established by which two organisations?

- A. UN Development Programme (UNDP) and UN Framework Convention on Climate Change (UNFCCC)
- B. International Energy Agency (IEA) and World Trade Organization (WTO)
- C. World Meteorological Organization (WMO) and United Nations Environment Programme (UNEP)
- D. World Bank and International Monetary Fund (IMF)



Q6

What is the remainder when the smallest positive number that leaves a remainder of 5 upon division by each of 12, 15 and 20 is divided by 4?

- A. 1
- B. 0
- C. 2
- D. 3



Q7

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. SAI
- B. OFW
- C. IZQ
- D. LCT



Q8

As per data of 2011-2012 published in Niti Aayog Annual Report 2014-2015, which of the following states has the highest percentage of people below the poverty line?

- A. Bihar
- B. Arunachal Pradesh
- C. Jharkhand
- D. Chhattisgarh



Q9

Which HTTP status code indicates that a requested web page has been permanently moved to a new location?

A. 301



B. 500

C. 404

D. 302

Q10

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

$$50 - 8 + 2 \div 6 \times 4 = ?$$

A. 56

B. 54

C. 57

D. 55



Q11

In the context of the Revolt of 1857, what did the General Service Enlistment Act of 1856 require of sepoys?

A. Prohibition on wearing religious symbols such as caste marks or beards

B. Restriction on marrying without the permission of British officers

C. Mandatory conversion of sepoys to Christianity before joining service

D. Compulsory overseas service, violating the religious beliefs of some sepoys



Q12

A, B, C, D, E, F, G and H are sitting around a square table facing the centre of the table. Some of them are sitting at the corners while some are sitting at the exact centre of the sides. E sits third to the left of B. E does not sit at the centre of any side. F sits second to the right of B. G is the immediate neighbour of D and B. H sits to the immediate left of F. C does not sit in a corner. How many people sit between D and A when counted from the left of D?

A. Five

B. Two



C. Four

D. One

Q13

In a certain code, 'dogs bark loud' is coded as 'xl mn vc', 'cats and dogs' is coded as 'rs tp xl', and 'bark and play' is coded as 'mn rs wz'. What is the code for 'cats' in that code? (All codes are two-letter codes.)

A. mn

B. rs

C. xl

D. tp



Q14

An object of mass 8 kg is placed 7 meters above the ground. What is the energy it possesses? (Take $g=10 \text{ m/s}^2$)

A. 560 J



B. 80 J

C. 56 J

D. 224 J

Q15

If an Age Pyramid has a wide base and is tapering rapidly upwards, what does it indicate?

A. Regressive population

B. Non-stationary population

C. Stationary population

D. Progressive population



Q16

Which climate classification system is most widely used in the world?

A. Koppen Classification



B. Thornthwaite Classification

C. Strahler Classification

D. Trewartha Classification

Q17

Animals with high energy needs, like birds and mammals, have:

A. a three-chambered heart

B. a two-chambered heart

C. a single-chambered heart

D. a four-chambered heart



Q18

Pure ghee costs ₹86/kg. After adulterating it with vegetable oil costing ₹43/kg, a dishonest shopkeeper sells the mixture at the rate of ₹80/kg, thereby making a profit of 60%. In what ratio does he mix the two?

A. 7 : 36



B. 11 : 34

C. 6 : 41

D. 3 : 38

Q19

According to the Ministry of Power, which of the following is the primary source of energy in India? (As of May 2023).

A. Thermal



B. Hydroelectric

C. Nuclear

D. Solar

Q20

J, K, L, M, P and Q each scored different marks. Only two people have scored between P and K. Only one person has scored more than M. Only three people have scored between M and P. Q has scored more than L but less than J. How many people have scored less than L?

A. One



B. Four

C. Two

D. Three

Q21

In which country is the Inuvik port located, which is the gateway to Western Arctic?

A. Greenland

B. Russia

C. Sweden

D. Canada



Q22

What is the average of 6, 8, 10 and 12?

A. 7

B. 10

C. 8

D. 9



Q23

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

(Left) \$ T 1 & 9 Z 7 * A 0 # K @ N Z (Right)

How many such numbers are there which are immediately preceded by a symbol and also immediately followed by a letter?

A. None

B. Two

C. One



D. Four

Q24

Which of the following were prominent leaders of the Extremist phase of the Indian National Movement, who emphasised Swadeshi, self-reliance, and direct action against British rule?

A. Surendranath Banerjee, Pherozeshah Mehta and Ananda Charlu

B. Bipan Chandra Pal, Bal Gangadhar Tilak and Ashwini Kumar Dutt



C. Raja Ram Mohan Roy, Ishwar Chandra Vidyasagar and MG Ranade

D. Dadabhai Naoroji, Gopal Krishna Gokhale and MG Ranade

Q25

There are 80 students in a hostel. Due to new admissions, 30 new students join the mess, and the daily expense of the mess increases by ₹260, while the average expenditure per head diminishes by ₹10. What was the original daily expenditure (in ₹, rounded off to the nearest tens) of the mess?

A. 4,220

B. 3,720

C. 4,020

D. 3,630



Q26

Who among the following laid the foundation of the Kanva dynasty?

A. Rudradaman

B. Vasudeva



C. Menander

D. Pushyamitra



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Q27

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

14, 25, 47, 80, 124, ?

A. 177

B. 178

C. 180

D. 179



Q28

Ajit starts from point A and drives 8 km towards east. He then takes a right turn and drives 17 km. He takes a final left turn and drives 10 km and stops at point B. Vishal starts from point P, which is 13 km east of point A, and drives 6 km towards east. He then takes a right turn and drives 17 km. He takes a final left turn and drives 1 km and stops at point Q. What is the shortest distance between point Q and point B? (All turns are 90-degree turns only.)

A. 3 km

B. 4 km

C. 2 km



D. 1 km

Q29

In August 2025, Union Minister Dr Jitendra Singh inaugurated which facility in Hyderabad, marking India's first of its kind?

A. India's first Animal Cloning and Biotechnology Laboratory

B. India's first State-of-the-Art Animal Stem Cell Biobank and Laboratory



C. India's first Veterinary Vaccine Research Institute

D. India's first Animal Genome Sequencing Center

Q30

A concave lens has a focal length of 20 cm. An object is placed in front of the lens such that it forms a virtual image at 10 cm from the lens on the same side as the object. What is the magnification that the lens produces?

A. Magnification = 0.33

B. Magnification = 0.66

C. Magnification = 0.5



D. Magnification = 0.75

Q31

Which of the following options accurately describes how ASCII ensures backward compatibility with Unicode?

A. Unicode deprecated ASCII control characters entirely.

B. ASCII was revised to include all Unicode symbols beyond U+007F.

C. Unicode's first 128 code points match the ASCII values exactly.



D. ASCII uses 8-bit encoding identical to Unicode's full range.

Q32

9 is related to 55 following a certain logic. Following the same logic, 12 is related to 73. To which of the given options is 16 related, following the same logic?

(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.)

A. 99

B. 97



C. 96

D. 98

Q33

Which statement is correct about neutrons?

A. They have negative charge.

B. They are neutral.



C. They are heavier than protons.

D. They have positive charge.

Q34

If you have three variables—X, Y and Z—and want to display X vs Y and represent Z through marker size on a chart, which chart type is most appropriate in MS Excel?

A. Scatter Chart

B. Area Chart

C. Bubble Chart



D. Line Chart



Q35

A, B, C, D, E and F have different heights. E is taller than exactly 4 people and F is shorter than exactly 4 people. D is shorter than A but taller than C. C is not the shortest. How many people are shorter than C?

A. 3

B. 4

C. 1

D. 2



Q36

The radius of a right circular cone is 8 cm and its height is 15 cm. The total surface area of the cone is:

A. $136\pi \text{ cm}^2$

B. $200\pi \text{ cm}^2$



C. $64\pi \text{ cm}^2$

D. $184\pi \text{ cm}^2$

Q37

Which of the following Directive Principles of State Policy is based on the Gandhian principles?

A. To secure equal pay for equal for men and women

B. To secure the right to adequate means of livelihood

C. To promote international peace

D. To organise village panchayat



Q38

A value is increased by 10% and then increased by 20%. What is the net percentage increase?

A. 31

B. 33

C. 32



D. 30

Q39

In this question, a statement is given followed by two courses of action, numbered I and II. You must assume everything in the statement to be true, and on the basis of the information given in the statement, decide which of the given courses of action logically follow(s) for pursuing.

Statement:

Many students in rural schools fail to clear the basic reading and writing tests due to lack of trained teachers and poor infrastructure.

Courses of Action:

I. Immediate recruitment and training of teachers should be carried out in rural areas.

II. All students failing the tests should be expelled from schools to maintain quality.

A. Neither I nor II follows

B. Both I and II follow

C. Only II follows

D. Only I follows



Q40

During the reign of which emperor was the Hawa Mahal built in Jaipur?

A. Sawai Pratap Singh



B. Chandra Gupta Maurya

C. Ashoka

D. Rana Pratap Singh

Q41

In which of the following states did the Indian Army conduct a high-altitude technology demonstration exercise named 'Divya Drishti' in July 2025?

A. Kerala

B. Uttarakhand

C. Sikkim



D. Arunachal Pradesh



Q42

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.)

8, 38
11, 53

A. 14, 67

B. 14, 68

C. 15, 68

D. 15, 67

Q43

As per Zoological Survey of India's 'Animal Discoveries - New Species and New Records 2023', which species is recognised as the largest existing bovine in India?

A. Gaur

B. Yak

C. Nilgai

D. Wild water buffalo

Q44

Eight people are sitting in two parallel rows containing 4 people each in such a way that there is equal distance between adjacent persons.

In row 1, A, D, G and F are seated and all of them are facing south.

In row 2, P, R, N and Z are seated and all of them are facing north.

Thus, each person faces another person from the other row.

Z sits third to the left of R. The one facing F is an immediate neighbour of R. A sits at some place to the right of F and is not facing P. D sits third to the right of G. Who amongst the following faces N?

A. P

B. Z

C. A

D. G

Q45

Which of the following ratios is greatest?

A. 38 : 51

B. 22 : 61

C. 43 : 76

D. 30 : 74

Q46

The sides of a triangle are 189 cm, 48 cm and 195 cm. What is its area? (in cm^2)

A. 4536

B. 4509

C. 4501

D. 4532

Q47

Which of the following regions did the Shakas (Scythians) migrate from before entering India?

A. Central Asia

B. Southeast Asia

C. Western Europe

D. North Africa

Q48

From a bus depot, buses leave every 8 minutes and travel along a straight road at a speed of 24 km/hr. A traveller moving towards the depot along the same road meets the buses at regular intervals of 6 minutes. Find the speed of the traveller.

A. 8 km/hr

B. 6 km/hr

C. 3 km/hr

D. 5 km/hr

Q49

The Third United Nations Conference on Landlocked Developing Countries (LLDC3) opened on 5 August 2025 in which country?

A. Kyrgyzstan

B. Uzbekistan

C. Kazakhstan

D. Turkmenistan



Q50

What is the effect of using Ctrl + J in MS Word, and how is it distinct from Ctrl + Shift + J?

- A. Ctrl + J left-aligns; Ctrl + Shift + J right-aligns
- B. Both shortcuts justify text identically
- C. Ctrl + J justifies text; Ctrl + Shift + J applies distributed justification where last line is also stretched ✓
- D. Ctrl + J centers text; Ctrl + Shift + J varies justification

Q51

The LCM of the numbers 5, 155 and 83 is:

- A. 12245
- B. 12865 ✓
- C. 12685
- D. 12425

Q52

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:

No nail is a cutter.
All cutters are knives.
No cutter is a scissor.

Conclusions:

(I) No scissor is a knife.
(II) Some nails are knives.

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

Q53

Which statutory body, established during the first phase of the Green Revolution, deals with food grains and supply chain management in India?

- A. Food and Agriculture Organization
- B. Food Stack Portal
- C. Food Corporation of India ✓
- D. Agricultural and Processed Food Products Export Development Authority

Q54

This question is based on the following words.

GOT HER WAR FIT

In each of the words, each vowel is changed to the letter immediately following it in the English alphabetical order and each consonant is changed to the letter immediately preceding it in the English alphabetical order. In how many letter-clusters thus formed, will no vowel appear?

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

Q55

In Slide Show, which option ensures that only a specific set of slides is played during an MS PowerPoint 2019 presentation without creating a new file?

- A. Show slides: From – To range
- B. Browsed at a kiosk
- C. Use Custom Slide Show ✓
- D. Loop continuously until Esc

Q56

The ages of P and Q are in the ratio 5 : 9. If P's age is 25 years, then Q is how many years older than P?

- A. 10 years
- B. 15 years
- C. 20 years ✓
- D. 25 years

Q57

The blood pressure recorded when the heart relaxes is called _____.

- A. pulse
- B. venous
- C. systolic
- D. diastolic ✓



Q58

A shopkeeper lists the price of a fan at 50% above its cost price and offers a 10% discount on its list price. If he earns a profit of ₹56, then what is the list price (in ₹) of the fan?

A. 324

B. 260

C. 240



D. 493

Q59

LMNO is a cyclic quadrilateral such that $\angle M = 102^\circ$. The tangents at L and N meet at a point P. What is the measure of $\angle LPN$?

A. 26°

B. 20°

C. 22°

D. 24°



Q60

Ramanand spends 48% of his income on food, 25% on house rent, 12% on conveyance and 60% of the remaining on children's education. Find the percentage of his income left with him.

A. 9.98%

B. 9%

C. 6%



D. 8.25%

Q61

India is divided into _____ agroclimatic regions.

A. 11

B. 15



C. 14

D. 12

Q62

The ratio of the cost prices of articles X and Y is 2 : 3. A man earns a profit of 43% by selling X and loses 12% by selling Y. What is his gain/loss percentage in the entire transaction?

A. Loss, 11.5%

B. Loss, 10%

C. Gain, 10%



D. Gain, 9.5%

Q63

A question is followed by two statements numbered I and II. You have to decide whether the data provided in the statements are sufficient to answer the question. Read both the statements and select the most appropriate answer.

Question:

Six friends, B, C, D, E, F and G, are sitting in a straight line, facing north. Who among them is sitting at the extreme right end?

Statements:

(I) There are exactly four people sitting between B and E. G sits to the immediate right of E.

(II) F is an immediate neighbour of C. Exactly two people sit between B and C.

A. Data in statements I and II together are not sufficient to answer the question.

B. Data in statement II alone is sufficient to answer the question, while data in statement I is not.

C. Data in statement I alone is sufficient to answer the question, while data in statement II is not.



D. Data in statements I and II together are sufficient to answer the question.

Q64

Which Governor-General of India introduced the Subsidiary Alliance System, compelling Indian rulers to host a British force and pay for its maintenance?

A. Lord Cornwallis

B. Lord Dalhousie

C. Lord Hastings

D. Lord Wellesley



Q65

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 parks are meadows.

All meadows are forests.

Some forests are gardens.

Conclusions:

(I): Some parks are gardens.

(II): Some meadows are gardens.

A. Neither conclusion I nor II follows



B. Both conclusions I and II follow

C. Only conclusion II follows

D. Only conclusion I follows



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Q66

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

4 4 12 60 420 ?

A. 3780



B. 3720

C. 3760

D. 3740

Q67

Who has been appointed as the first woman Vice Chancellor of the Indira Gandhi National Open University (IGNOU) on July 2025?

A. Dr. Najma Akhtar

B. Prof. Uma Kanjilal



C. Prof. Shashikala Wanjari

D. Prof. Anu Singh Lather

Q68

In the following series, only one letter-cluster is incorrect. Select the INCORRECT letter-cluster.

SAI XFN CUM HPX MUC RZH

A. RZH

B. MUC

C. CUM



D. HPQ

Q69

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

$60 + 15 \div 3 - 10 \times 2 = ?$

A. 22

B. 21

C. 19

D. 20



Q70

In August 2025, researchers demonstrated that genetically engineered Escherichia coli (E. coli) bacteria can function as which of the following, directly interfacing with electronics?

A. Self-powered chemical sensors



B. Microbial fuel cells for electricity generation

C. Bio-fueled medical implants

D. Wireless energy storage units

Q71

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.

CLAY - YLCA - LACY

BOWS - SOBW - OWBS

A. FROM - MRFO - ROFM



B. FILE - EIFL - LIFE

C. GEAR - GAER - RAEG

D. DENT - EDNT - TEND

Q72

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

9, 25, 57, 105, 169, ?

A. 247

B. 248

C. 249



D. 250

Q73

The mean of three numbers is 15. If 2 is added to each of these numbers, what will be the new mean?

A. 16

B. 18

C. 17



D. 15



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Q74

A boat travels downstream at a speed of 25 km/hr and upstream at a speed of 15 km/hr. What is the speed of the stream?

- A. 6 km/hr
- B. 8 km/hr
- C. 4 km/hr
- D. 5 km/hr



Q75

Which of the following numbers is divisible by 93?

- A. 856497
- B. 855786
- C. 858226
- D. 856159



Q76

Which of the following courts deals with civil cases of small pecuniary stake in India?

- A. Court of Subordinate Judge
- B. Sessions Court
- C. Chief Judicial Magistrate
- D. Court of Munsiff



Q77

What was one of the reasons for including Fundamental Duties in the Constitution according to HR Gokhale?

- A. To address anti-national activities and subversive agitations
- B. To enhance the rights of citizens
- C. To strengthen democracy by balancing rights with duties
- D. To create a legal framework for taxes



Q78

India shares its land boundaries with seven countries. Which of the following does NOT share a direct land boundary with India?

- A. Myanmar
- B. Bhutan
- C. Pakistan
- D. Tajikistan



Q79

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. JM-KN
- B. IL-JM
- C. LO-MP
- D. NQ-NT



Q80

In August 2025, which of the following organisations released the Framework for Responsible and Ethical Enablement of Artificial Intelligence (FREE-AI) Committee Report, outlining 7 guiding principles for responsible AI use in the financial sector?

- A. Securities and Exchange Board of India (SEBI)
- B. Ministry of Finance
- C. NITI Aayog
- D. Reserve Bank of India (RBI)



Q81

If ₹10,000 becomes ₹12,100 in 2 years at compound interest compounded annually, what is the annual percentage rate of compounding?

- A. 9
- B. 12
- C. 8
- D. 10



Q82

In a certain code, 'lion tiger cat' is coded as 'dz ph st', 'cat dog horse' is coded as 'lp jk st', and 'dog lion rat' is coded as 'ug ph jk'. What is the word 'tiger' coded as in that code? (All the codes are two letter coded only.)

- A. ph
- B. st
- C. dz
- D. jk



Q83

Which of the following electron configurations is NOT possible according to the Bohr–Bury rules?

- A. 2, 8, 8, 1
- B. 2, 9, 7
- C. 2, 8, 3
- D. 2, 8, 5



Q84

Each of P, Q, R, S, T, U and V has an exam on a different day of a week starting from Monday and ending on Sunday of the same week. U has an exam on Saturday. Only four people have an exam between T and S, neither of whom has an exam on Monday. V has an exam immediately after P and Q has an exam immediately before P. S has an exam after V. How many people have exams after T?

- A. 2
- B. 5
- C. 4
- D. 3



Q85

In the following series, only one letter-cluster is incorrect. Select the INCORRECT letter-cluster.

WOG ASK EWO IAS MEV QIA

- A. IAS
- B. EWO
- C. QIA
- D. MEV



Q86

Global Tiger Day, also known as International Tiger Day, is observed every year on which day?

- A. 29 July
- B. 15 July
- C. 30 July
- D. 25 July



Q87

Laksh starts from point A and drives 7 km towards east. He then takes a right turn and drives 12 km. He takes a final left turn and drives 6 km and stops at point B. Vinod starts from point P, which is 16 km east of Point A, and drives 4 km towards east. He then takes a right turn and drives 12 km. He takes a final right turn and drives 3 km and stops at Point Q. What is the shortest distance between Point Q and Point B? (All turns are 90 degree turns only.)

- A. 4 km
- B. 5 km
- C. 3 km
- D. 6 km



Q88

In the following series, only one letter-cluster is incorrect. Select the INCORRECT letter-cluster.

DVN ASP XPH UME RJB OGY

- A. ASP
- B. XPH
- C. RJB
- D. UME



Q89

On which of the following dates was the first session of the Rajya Sabha held?

- A. 3 April 1950
- B. 13 May 1952
- C. 26 November 1951
- D. 26 November 1952



Q90

What is China's global infrastructure initiative aimed at fostering connectivity worldwide, launched in 2013?

- A. Great Wall Initiative
- B. Economic Corridor
- C. Belt and Road Initiative
- D. Economic Belt Initiative



Q91

Which among the following states launched a Clean Air Plan, India's first state-level clean air strategy grounded in scientific analysis and an airshed-based approach?

- A. Karnataka
- B. Kerala
- C. Maharashtra
- D. Uttar Pradesh



Q92

A shop offers three successive discounts of 10%, 15% and 20% on a product. Find the single equivalent discount percentage that would result in the same final price.

- A. 45%
- B. 38.8%
- C. 40.8%
- D. 42.8%



Q93

What does Article 51A(b) emphasise?

- A. Safeguarding public property
- B. Promoting national integration and unity
- C. Cherishing and following the noble ideals that inspired the national struggle for freedom
- D. Upholding and protecting the sovereignty of India



Q94

A student adds dilute HCl to Calcium carbonate. Which of the following experimental observations confirms that a gas is evolved?

- A. Formation of white ppt
- B. Effervescence is seen
- C. Solution turns pink
- D. Pungent smell observed



Q95

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

KH-MI-NP
MJ-OK-PR

- A. OL-QM-RT
- B. PL-QM-RV
- C. OL-QM-RV
- D. PL-QN-RV



Q96

Which Article of the Constitution of India contains the provisions regarding 'Rights of citizenship of certain persons of Indian origin residing outside India'?

- A. Article 8
- B. Article 11
- C. Article 5
- D. Article 13



Q97

The progressive increase in pesticide concentration at successive trophic levels is termed as:

- A. bioaccumulation
- B. biotransformation
- C. biodegradation
- D. biomagnification



Q98

What is the full form of SGSY, a policy aimed at poverty alleviation in India?

- A. Swarnjayanti Gram Swarozgar Yojana
- B. Swabhimaan Gram Suraksha Yojana
- C. Swarna Jayanti Gram Samridhi Yojana
- D. Swachh Gram Swarozgar Yojana



Q99

The amount (in ₹) payable after 1 year on a principal of ₹10,000 at 6% per annum compounded half-yearly is:

- A. 10,600
- B. 10,906
- C. 10,605
- D. 10,609



Q100

Rash Behari Ghosh, a leader inclined towards the Moderate wing of the Indian National Congress, presided over which two Congress sessions?

- A. Calcutta (1906) and Surat (1907)
- B. Bombay (1885) and Madras (1887)
- C. Surat (1907) and Madras (1908)
- D. Lahore (1909) and Calcutta (1911)



Q101

A 40 kg object is moved horizontally from point A to point B on a table. What is the work done by gravity during this movement?

A. 0 J



B. 98 J

C. 10 J

D. 400 J

Q102

A question is followed by two statements numbered (I) and (II). You have to decide whether the data provided in the statements are sufficient to answer the question. Read both the statements and decide the appropriate answer.

Five people P, Q, R, S and T are sitting in a row, all facing north. Who is sitting second from the left end?

Statements:

I. P is sitting to the immediate right of T. P is sitting to the immediate left of S.

II. Only T is sitting between P and Q.

A. Data in statement I alone is sufficient to answer the question while data in statement II is not

B. Both statements I and II together are NOT sufficient to answer the question



C. Data in statement II alone is sufficient to answer the question while data in statement I is not

D. Both statements I and II together (and not statement I alone or statement II alone) are sufficient to answer the question

Q103

The main advantage of genetic variation in a population is to enhance:

A. similarity

B. survival



C. disease susceptibility

D. reproductive speed

Q104

Which of the following statements is INCORRECT about the Kumbh Mela?

A. The Kumbh Mela is held in Haridwar on the banks of the Ganges.

B. The Kumbh Mela is held in Nasik on the banks of Godavari.

C. The Kumbh Mela is held in Prayagraj on the banks of the Ganges.

D. The Kumbh Mela is held in Ujjain on the banks of Narmada.

**Q105**

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. DH-DK



B. NR-OS

C. VZ-WA

D. QU-RV

Q106

The simple interest on a certain sum of money at 8% per annum for 3 years is ₹360 more than the simple interest on the same sum at 6% per annum for 3 years. Find the principal.

A. ₹6,000



B. ₹7,200

C. ₹4,800

D. ₹3,600

Q107

Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of ::?

: NVS :: JRO : %

A. # = MUR, % = KRP

B. # = MUR, % = KSO

C. # = MUS, % = KSP

D. # = MUR, % = KSP

**Q108**

Container A contains 30 litres of pure milk costing ₹40 per litre, and container B contains 50 litres of pure milk costing ₹50 per litre. The entire contents are mixed together. By how much is the average cost per litre of the mixture more or less than the average cost per litre of container A's milk?

A. ₹6.25 less

B. ₹6.50 more

C. ₹6.25 more



D. ₹6.50 less



Q109

On 16 June 2025, during his visit to Nicosia, Prime Minister Narendra Modi received which distinction from Cyprus, named after its first President?

A. Grand Cross of the Order of Makarios IV

B. Grand Collar of the Order of Makarios IV

C. Grand Collar of the Order of Makarios III

D. Grand Cross of the Order of Makarios III



Q110

$$\begin{array}{r} 6 \ 18 \ 3 \ 8 \\ \hline 5 \ 11 \ 2 \ 5 \end{array}$$

A. $\frac{18}{11}$

B. $\frac{6}{5}$

C. $\frac{3}{2}$

D. $\frac{8}{5}$



Q111

Simplify the following.

$$\frac{4^3 \times 4^4 \times 2^4}{4^2 \times 8}$$

A. 2055

B. 2039

C. 2043

D. 2048



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Q112

Evaluate the following.

$$\frac{5}{4} + \left(\frac{1}{1 + \frac{3}{7}} \right) - \frac{4}{3}$$

A. $\frac{37}{60}$



B. $\frac{41}{70}$

C. $\frac{27}{68}$

D. $\frac{33}{64}$

Q113

The value of $4^2 + \sqrt{6^2} - 5\sqrt{9} - 11$ is

A. -4



B. -9

C. 3

D. -2

Q114

A dishonest shopkeeper promises to sell his goods at cost price. However, he uses a weight that actually weighs 37% less than what is written on it. Find his profit percentage.

A. $60\frac{46}{63}\%$

B. $63\frac{46}{63}\%$

C. $58\frac{46}{63}\%$



D. $64\frac{46}{63}\%$



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Q115

Simplify: $0.5 + 0.2 \times 4.8 \div (2.4 \div 1.2) - 0.90 \div 2$

A. 0.52

B. 0.50

C. 0.51

D. 0.53 

Q116

If x is inversely proportional to y , and $y = 6$ when $x = 4$, find the value of x , when $y = 32$.A. $\frac{19}{12}$ B. $\frac{8}{23}$ C. $\frac{3}{4}$ D. $\frac{15}{13}$

Q117

Find the simplified value of $24 - 3 \times 15 - 3 \times 17 - 3$.A. $\frac{1}{6144^3}$ B. $\frac{1}{6120^3}$ C. $\frac{1}{6084^3}$ D. $\frac{1}{6108^3}$

Q118

Simplify: $\left(\frac{4}{2}\right)x^2 + 4x - \frac{2}{2} + \left(\frac{4}{2}\right)x^2 - 7x + \frac{6}{2}$ A. $-4x^2 - (-3)x + (2)$ B. $-4x^2 - (-3)x - (2)$ C. $4x^2 + (-3)x - (2)$ D. $4x^2 + (-3)x + (2)$ 

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Q119

$$\sqrt{\frac{1085}{66}} \sqrt{\frac{1077}{132}} \sqrt{\frac{1094}{66}} \sqrt{\frac{1090}{66}}$$

A. $\sqrt{\frac{1085}{66}}$



B. $\sqrt{\frac{1077}{132}}$

C. $\sqrt{\frac{1090}{66}}$

D. $\sqrt{\frac{1094}{66}}$

Q120

A person covers certain distance in 13 hours at a speed of 3 km/hr and some more distance in 15 hours at a speed of 6 km/hr. Find his average speed for the entire distance covered.

A. $4\frac{17}{28}$ km/hr



B. $8\frac{17}{28}$ km/hr

C. $5\frac{17}{28}$ km/hr

D. $11\frac{17}{28}$ km/hr



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Q1

Who was appointed as the president and chief executive officer of BMW Group India as of September 2025?

- A. Balbir Singh Dhillon
- B. Santosh Iyer
- C. Hardeep Singh Brar
- D. Anurag Mehrotra



Q2

Which of the following are aspects of the Centre-State legislative relation?

1. Territorial extent of Central and state legislation
2. Distribution of legislative subjects
3. Parliamentary legislation in the state field
4. Centre's control over state legislation

- A. Only 1, 2 and 3
- B. Only 2 and 3
- C. All 1, 2, 3 and 4
- D. Only 1 and 2



Q3

In the following series, only one letter-cluster is incorrect. Select the INCORRECT letter-cluster.

HQK KNN NKQ QHS TEW WBZ

- A. TEW
- B. WBZ
- C. NKQ
- D. QHS



Q4

Which statement about lyophilic sols is correct?

- A. They do not show the Tyndall effect.
- B. They have strong affinity for the dispersion medium.
- C. They are unstable compared to lyophobic sols.
- D. They are easily coagulated by electrolytes.



Q5

The ratio of the cost prices of articles X and Y is 3 : 7. A man earns a profit of 14% by selling X and loses 11% by selling Y. What is his gain/loss percentage in the entire transaction?

- A. Gain, 5%
- B. Gain, 3.5%
- C. Loss, 3%
- D. Loss, 3.5%



Q6

If i is the angle of incidence and r is the angle of refraction, which relation is correct according to Snell's law?

- A. $\sin i \div \sin r = \text{constant}$
- B. $\sin i + \sin r = \text{constant}$
- C. $\sin i \times \sin r = \text{constant}$
- D. $\sin i - \sin r = \text{constant}$



Q7

The simple interest (in ₹) on ₹5,000 at 5% per annum for 2 years is:

- A. 580
- B. 500
- C. 600
- D. 530



Q8

The Brundtland Report, 'Our Common Future' (1987), formally introduced which key concept, defined as meeting present needs without compromising the ability of future generations to meet their own?

- A. Ecological Modernisation
- B. Inclusive Growth
- C. Green Economy
- D. Sustainable Development



Q9

Which of the following Articles of the Indian Constitution automatically suspends the Fundamental Rights during emergencies?

A. 356

B. 358



C. 359

D. 352

Q10

Mahatma Gandhi labelled which repressive British legislation as the 'Black Act' and called for an All-India mass protest against it in 1919?

A. Arms Act

B. Vernacular Press Act

C. Rowlatt Act



D. Indian Councils Act

Q11

Which of the following zones lies between low and high tide in sea margins?

A. Tidal zone



B. Foreshore

C. Shoreline

D. Near-shore

Q12

Refer to the following letter, number, symbol series and answer the question

(Left) \$ T 1 & 9 Z 7 * A M S 1 * D % 7 * (Right)

If all the symbols are dropped from the series, which of the following will be seventh from the right?

A. 1

B. 9

C. 7



D. T

Q13

What was the ranking of India in the Sustainable Development Goals (SDG) Index according to the 2025 edition of the Sustainable Development Report released in June 2025?

A. 99



B. 121

C. 106

D. 114

Q14

Each of P, Q, R, S, T, U and V has an exam on a different day of a week starting from Monday and ending on Sunday of the same week. S has an exam on Tuesday. Exactly two people have an exam between S and P. T has an exam immediately before U and R has an exam immediately after Q. Only 1 person has an exam between U and Q. How many people have exams after Q?

A. 4

B. 1



C. 2

D. 3

Q15

Each of P, Q, R, S, T, U and V has an exam on a different day of a week starting from Monday and ending on Sunday of the same week. Q has an exam on Thursday. Exactly four people have their exam between U and P, neither of whom has an exam on Sunday. R has an exam immediately before S. V does not have an exam on Friday. U does not have an exam after S. How many people have exams after P?

A. 1



B. 2

C. 3

D. 4

Q16

During a sale 50% of the goods are sold at 45% profit, 30% of the remaining goods are sold at 27% profit and the still remaining goods are sold at a loss of 43%. If there is an overall profit of x%, then what is the value of x?

A. 13

B. 11.5



C. 12

D. 10



Q17

A group of 30 students has secured the average marks of 70 and another group of 20 students has secured the average marks of 80. What is the average marks secured by students of both the groups taken together?

A. 78

B. 76

C. 72

D. 74



Q18

In July 2025, the Indian Army began restructuring single-arm brigades into integrated combat units combining infantry, tanks, artillery, engineers, UAVs and Special Forces. What are these units called?

A. Agni Multi-Domain Combat Units

B. Vajra Integrated Battle Groups

C. Rudra All-Arms Brigades



D. Sena Combined Operations Brigades

Q19

In the context of operating systems, what does PCB stand for?

A. Program Control Board

B. Printed Circuit Board

C. Process Control Block



D. Permanent Code Buffer

Q20

In the following series, only one letter-cluster is incorrect. Select the INCORRECT letter-cluster.

FHK IKN LNQ OQT RSW

A. LNQ

B. FHK

C. RSW



D. OQT

Q21

Which meristematic tissue is found at nodes and helps in regrowth of grasses?

A. Permanent

B. Lateral

C. Apical

D. Intercalary



Q22

In a certain code, 'food is tasty' is coded as 'gm rt pj', 'snack is good' is coded as 'xl rt bn', and 'tasty good meal' is coded as 'pj bn dv'. What is the code for 'meal' in that code? (All codes are two-letter codes.)

A. dv



B. rt

C. pj

D. bn

Q23

The name given by Wegener to a huge water body that surrounded Pangaea is:

A. Water hemisphere

B. Tethys

C. Laurasia

D. Panthalassa



Q24

A question is followed by two statements numbered (I) and (II). You have to decide whether the data provided in the statements are sufficient to answer the question. Read both the statements and decide the appropriate answer.

What is Rahul's age(in years)?

Statements:

I. Rahul was born when his father was 33 years old.

II. Rahul is 29 years younger than his mother.

A. Both statements I and II together (and not statement I alone or statement II alone) are sufficient to answer the question.

B. Data in statement I alone is sufficient to answer the question while data in statement II is not

C. Both statements I and II together are NOT sufficient to answer the question



D. Data in Statement II alone is sufficient to answer the question while data in statement I is not

Q25

Which keyboard shortcut allows you to quickly delete the word to the left of the cursor in MS Word 2019?

A. Alt + Backspace

B. Ctrl + Backspace



C. Ctrl + Delete

D. Shift + Backspace



Q26

What does the number of compressions or rarefactions passing a point per unit time represent in a sound wave?

- A. Wavelength
- B. Loudness
- C. Amplitude
- D. Frequency



Q27

When a plain text email is sent, which Content-Type value is typically specified in the message header, according to MIME standards?

- A. multipart/mixed
- B. text/html; charset=ASCII
- C. text/plain; charset=UTF-8
- D. application/octet-stream



Q28

In a certain code, 'books are knowledge' is coded as 'mk xp zj', 'knowledge is power' is coded as 'zk xp vr', and 'power brings success' is coded as 'vr mk gt'. What is the code for 'is' in that code? (All codes are two-letter codes.)

- A. xp
- B. mk
- C. vr
- D. zk



Q29

Which Governor-General of India (1848-1856) was mainly associated with enforcing the Doctrine of Lapse to annex Indian states without a male heir?

- A. Lord Wellesley
- B. Lord Cornwallis
- C. Lord Dalhousie
- D. Lord Hastings



Q30

Which of the following traditional dance forms in India incorporates the use of a pair of decorated sticks and is traditionally performed during Navratri?

- A. Dandiya
- B. Bhangra
- C. Koli
- D. Bihu



Q31

Who among the following was the Chola conqueror of Ganga?

- A. Vijayalaya
- B. Rajendra I
- C. Aditya
- D. Rajaraja I



Q32

The sides of a triangle are 70 cm, 56 cm and 42 cm. What is its area? (in cm²)

- A. 1186
- B. 1211
- C. 1176
- D. 1171



Q33

In a terrestrial ecosystem, green plants capture approximately what percentage of solar energy falling on their leaves?

- A. 0.01%
- B. 5%
- C. 10%
- D. 1%



Q34

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.

WASH - HSWA - WSAH
NEST - TSNE - NSET

- A. TRAY - RATY - RAYT
- B. OILS - SLOI - OLIS
- C. FOGS - SGFO - OGFS
- D. PACE - PCAE - ECAP



Q35

As part of an initiative of the Union government, the NCCF started selling onions through mobile vans in Mumbai during September 2025 at subsidized rates. What does NCCF stand for?

- A. National Cooperative Confederation for Food supplies
- B. National Consumer Confederation for Food
- C. National Cooperative Consumers' Federation of India ✓
- D. National Consumer Cooperative for Food distribution

Q36

A machine depreciates at a rate of 10% per annum. If the current value of the machine is ₹1,00,000, what will be its value after 2 years?

- A. ₹78,000
- B. ₹80,000
- C. ₹81,000 ✓
- D. ₹79,000

Q37

Which country will host the 2034 FIFA World Cup?

- A. Brazil
- B. Russia
- C. Saudi Arabia ✓
- D. Qatar

Q38

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 calculators are stones.
All calculators are pens.
No calculator is an octopus.

Conclusions:

(I): No octopus is a stone.
(II): Some pens are octopuses.

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

Q39

Find the weighted average of the numbers 17, 12, 23, 45, and 301, using the respective weights 29, 87, 15, 26, and 18.

- A. 42.5
- B. 48.4 ✓
- C. 58.4
- D. 42.42

Q40

The average of five consecutive integers is 12. What is the largest of these integers?

- A. 16
- B. 11
- C. 14 ✓
- D. 13

Q41

6 is related to 34 following a certain logic. Following the same logic, 8 is related to 46. To which of the given options is 10 related, following the same logic?

(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.)

- A. 57
- B. 56
- C. 58 ✓
- D. 55

Q42

Which of the following is the characteristic of Montane Forest?

- A. Evergreen broad-leaf trees, such as oaks and chestnuts predominate here. ✓
- B. Teak is the most dominant species of this forest.
- C. Royal Bengal Tiger is the famous animal in these forests.
- D. Some of the important trees of this forest are ebony, mahogany etc.



Q43

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

$$32 - 15 \div 5 + 10 \times 2 = ?$$

A. 101

B. 102



C. 103

D. 100

Q44

Samar starts from point A and drives 7 km towards east. He then takes a right turn and drives 9 km. He takes a final right turn and drives 13 km and stops at point B. Wahid starts from point P, which is 14 km east of Point A, and drives 3 km towards west. He then takes a left turn and drives 9 km. He takes a final right turn and drives 8 km and stops at Point Q. What is the shortest distance between Point Q and Point B? (All turns are 90 degree turns only.)

A. 10 km

B. 11 km

C. 9 km



D. 8 km

Q45

Why does evaporation cause cooling?

A. Because particles absorb latent heat from the surroundings during evaporation



B. Because evaporation reduces air pressure

C. Because particles lose heat to the surroundings during evaporation

D. Because evaporation increases particle size

Q46

Namesh starts from point A and drives 4 km towards west. He then takes a left turn and drives 5 km. He takes a final left turn and drives 6 km and stops at point B. Rimit starts from point P, which is 16 km east of Point A, and drives 3 km towards east. He then takes a right turn and drives 5 km. He takes a final left turn and drives 3 km and stops at Point Q. What is the shortest distance between Point Q and Point B? (All turns are 90 degree turns only.)

A. 20 km



B. 22 km

C. 19 km

D. 21 km

Q47

The marked price of a shirt is ₹1,200. A shopkeeper offers two successive discounts of 5% and 15% on the marked price. By how many rupees is the selling price less than the marked price?

A. ₹131

B. ₹241

C. ₹141

D. ₹231



Q48

On 3 March 2025, the world observed World Wildlife Day with which theme?

A. Wildlife Conservation Finance: Investing in People and Planet



B. Forests and Livelihoods: Sustaining People and Planet

C. Partnerships for Wildlife Conservation

D. Recovering Key Species for Ecosystem Restoration

Q49

India's North Central Railway Zone's Headquarter is located in _____.

A. Jaipur

B. Prayagraj



C. Bilaspur

D. Jabalpur

Q50

Which of the following statements, in the context of Indian citizenship provisions, is correct?

I) Citizenship is listed in the State list.

II) Articles 5 to 11 of the Constitution of India deal with various categories of persons who are entitled to citizenship.

III) There are only three ways to get Indian citizenship.

A. Only I and III

B. Only III

C. I, II and III

D. Only II



Q51

In August 2025, India launched its first Artificial Intelligence (AI)-powered Anganwadi at which location, marking a major advancement in early childhood education?

- A. Khargone village, Maharashtra
- B. Dharampur village, Gujarat
- C. Waddhamna village, Nagpur district, Maharashtra ✓
- D. Pipariya village, Madhya Pradesh

Q52

In August 2025, which facility was inaugurated by the Chief of the Army Staff (COAS), General Upendra Dwivedi, at IIT Madras to bridge academic research and military needs?

- A. Defence Innovation and Technology Research Centre
- B. Agnishodh, the Indian Army Research Cell (IARC) ✓
- C. Project SAMBHAV Secure Army Mobile Lab
- D. Bharat Military Technology Incubation Hub

Q53

Life expectancy is an indicator of which of the following?

- A. World Employment Report
- B. Commodities and Development Report
- C. Technology and Innovation Report
- D. Human Development Report ✓

Q54

In a certain code language,
A + B means 'A is the mother of B',
A - B means 'A is the brother of B',
A x B means 'A is the wife of B',
and $A \div B$ means 'A is the father of B'.

Which of the following means that R is the mother's brother of T ?

- A. $P \div Q - R \times S - T$
- B. $P \div Q \times R \div S + T$
- C. $P \div Q \times R - S + T$ ✓
- D. $P \times Q \div R - S \times T$

Q55

Which of the following numbers is divisible by 39?

- A. 622710
- B. 625649
- C. 625092 ✓
- D. 622776

Q56

The reservation of seats for women in Panchayati Raj institutions is provided by which of the following Constitutional amendments?

- A. 70th Amendment
- B. 74th Amendment
- C. 75th Amendment
- D. 73rd Amendment ✓

Q57

Find the number of bricks, each measuring 72 cm × 50 cm × 25 cm, required to construct a wall 81 m long, 29 m high and 0.8 m thick, while the sand and cement mixture occupies 40% of the total volume of wall.

- A. 12727
- B. 12528 ✓
- C. 12496
- D. 12687

Q58

Which of the following is NOT a direct tax?

- A. Value Added Tax (VAT) ✓
- B. Tax on capital gains
- C. Income tax
- D. Corporate tax

Q59

Eight people are sitting in two parallel rows containing 4 people each in such a way that there is equal distance between adjacent persons.

In row 1 – A, D, O and P are seated and all of them are facing south.

In row 2 – U, W, Y and F are seated and all of them are facing north.

Thus each person faces another person from the other row. U sits third to the left of Y. The one facing P is an immediate neighbour of Y. A sits at some place to the right of P and is not facing W. D sits third to the right of O. Who amongst the following faces F?

- A. W
- B. U
- C. A ✓
- D. D



Q60

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?

$$25 \text{ C } 3 \text{ B } 12 \text{ D } 4 \text{ A } 10 = ?$$

A. 81

B. 80

C. 82



D. 83

Q61

Which country is known for its unique 'Dragon King' monarchy?

A. Bangladesh

B. Sri Lanka

C. China

D. Bhutan

**Q62**

The 'Chennai Port' is located along which of the following water bodies?

A. Bay of Bengal



B. Arabian Sea

C. Andaman Sea

D. Gulf of Mannar

Q63

Infant mortality rate is the number of infants per thousand who die before reaching _____ year(s) of age.

A. six

B. three

C. one



D. two

Q64

If the ratio of two numbers is 5 : 4 and their HCF is 5, find their LCM.

A. 90

B. 100



C. 124

D. 128

Q65

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

12, 25, 51, 90, 142, ?

A. 207



B. 209

C. 208

D. 206

Q66

In August 2025, Spanish tennis star Carlos Alcaraz won his first-ever Cincinnati Open title after which player retired in the final?

A. Jannik Sinner



B. Novak Djokovic

C. Daniil Medvedev

D. Alexander Zverev

Q67

In this question, a question is followed by two statements numbered (I) and (II). You have to decide whether the data provided in the statements are sufficient to answer the question. Read both the statements and select the most appropriate answer.

Question:

Among 5 students, F, A, K, E and D each having a different height, which student is the shortest?

Statements:

(I) A is shorter than E. K is shorter than F.

(II) K is taller than A.

A. Data in statement II alone is sufficient to answer the question while data in statement I is not

B. Data in statement I alone is sufficient to answer the question while data in statement II is not

C. Data in statements I and II together (and not statement I alone or statement II alone) are sufficient to answer the question

D. Data in statements I and II together are NOT sufficient to answer the question



Q68

A trader gives 10% discount on the marked price of an article and gives 4 articles free for buying 15 articles and gains 35% in the entire transaction. Assuming a customer pays for 15 articles, the marked price of an article is what percentage more than its cost price?

A. 94%

B. 90%

C. 89%

D. 95%

Q69

In the substitution of methane with chlorine, sunlight is required to:

A. prevent oxidation

B. absorb chlorine

C. provide heat

D. initiate free radical formation

Q70

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.)

11, 68

14, 86

A. 17, 104

B. 18, 103

C. 18, 104

D. 17, 103

Q71

The price of a product is increased by 15% and then a discount of 8% is applied. Find the net percentage increase in the price.

A. 6.2%

B. 5%

C. 7%

D. 5.8%

Q72

What happens to the speed of sound in a medium when its temperature increases?

A. It decreases.

B. It increases.

C. It remains the same.

D. It is not affected by the temperature.

Q73

Ramesh invested ₹25,000 each in two different schemes for 2 years. The rate of interest in the first scheme is 8% per annum, compounded annually, and in the second scheme it is 6% per annum, compounded annually. What is the difference in the compound interest earned from both the schemes?

A. ₹1,060

B. ₹1,070

C. ₹1,050

D. ₹1,040

Q74

Which keyboard shortcut allows you to open the Open dialog box in MS PowerPoint 2019 for selecting a file to open?

A. Ctrl + Shift + O

B. Ctrl + O

C. Alt + O

D. Shift + O

Q75

On 3 June 2025, India secured the presidency of which international organisation, defeating Austria with 87 out of 141 votes?

A. Commonwealth Association for Public Administration (CAPA)

B. United Nations Public Administration Network (UNPAN)

C. Global Institute of Governance and Public Administration (GIGPA)

D. International Institute of Administrative Sciences (IIAS)



Q76

The average of three numbers is 49. The first number is twice the second, and the second is twice the third. What is the largest number?

A. 42

B. 84



C. 21

D. 63

Q77

Gharana Parampara is found in which of the following?

A. Karnataka Folk Music

B. Karnataka Classical Music

C. Hindustani Classical Music



D. Hindustani Lok Music

Q78

Who among the following is credited with the composition of a text called 'Gatha Saptasati' or 'Saptasati'?

A. Gautamiputra

B. Satakarni I

C. Srimukha

D. Hala



Q79

A, B, C, D, E, F, G and H are sitting around a square table facing the centre of the table. Some of them are sitting at the corners while some are sitting at the exact centre of the sides. F sits second to the right of G. F sits at one of the corners. Only three people sit between G and E when counted from the left of G. H sits third to the left of E. Only three people sit between H and B when counted from the left of H. C sits second to the right of B. D is not an immediate neighbour of E. How many people sit between E and D, when counted from the left of D?

A. None

B. Two

C. More than two

D. One



Q80

The number 977340 is divisible by:

A. 37

B. 34

C. 35



D. 24

Q81

The primary force responsible for pulling water upward in tall plants is _____.

A. root pressure

B. transpiration



C. osmosis

D. guttation

Q82

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. LPQ

B. NSS



C. SWX

D. XBC

Q83

In 1878, dissatisfied followers of Keshab Chandra Sen established the Sadharan Brahmo Samaj. Who among the following were its founders?

A. Ishwar Chandra Vidyasagar, Ananda Mohan Bose and Bankim Chandra Chatterjee

B. Sib Chandra Deb, Rabindranath Tagore and Surendranath Banerjee

C. Raja Ram Mohan Roy, Debendranath Tagore and Keshab Chandra Sen

D. Ananda Mohan Bose, Sib Chandra Deb and Umesh Chandra Dutta



Q84

Pure ghee costs ₹112/kg. After adulterating it with vegetable oil costing ₹56/kg, a dishonest shopkeeper sells the mixture at the rate of ₹91/kg, thereby making a profit of 30%. In what ratio does he mix the two?

A. 3 : 5

B. 6 : 5

C. 2 : 3

D. 1 : 3



Q85

Who among the following was the Prime Minister of India when India launched its Chandrayaan-2 mission?

- A. Atal Bihari Vajpayee
- B. Dr Manmohan Singh
- C. Narendra Modi
- D. PV Narasimha Rao

Q86

From a taxi stand, two cabs start at a speed of 57 km/hr at an interval of 12 minutes, both cabs travelling in the same direction. A man coming in the opposite direction towards the taxi stand meets the cabs at an interval of 10 minutes. Find the speed (in km/hr) of the man.

- A. 12.7
- B. 7.9
- C. 11.4
- D. 9.5

Q87

The price of fuel decreases by 10%, 45% and 10% in three successive months, but increases by 65% in the fourth month. What is the percentage increase/decrease in the price of fuel in the fourth month as compared to its original price? (Round off the answer to two decimal places.)

- A. Decreases by 30.57%
- B. Decreases by 26.49%
- C. Increases by 21.55%
- D. Increases by 25.16%

Q88

MPQO is related to UXYW in a certain way based on the English alphabetical order. In the same way, DGHF is related to LOPN. To which of the given options is KNOM related, following the same logic?

- A. SWUV
- B. SVWU
- C. SUWV
- D. SWVU

Q89

Which of the following ratios is the greatest?

- A. 19 : 43
- B. 20 : 38
- C. 23 : 45
- D. 13 : 40

Q90

In this question, a statement is given followed by two courses of action, numbered I and II. You must assume everything in the statement to be true, and on the basis of the information given in the statement, decide which of the given courses of action logically follow(s) for pursuing.

Statement:

Reports indicate that fish populations in River Y have declined sharply due to excessive fishing and industrial pollution.

Courses of Action:

- I. Fishing in River Y should be regulated for at least six months.
- II. Industries should be ordered to treat waste before discharging into River Y.

- A. Both I and II follow
- B. Only I follows
- C. Neither I nor II follows
- D. Only II follows

Q91

The Champaran Satyagraha of 1917, Gandhi's first major involvement in India's freedom struggle, was launched in support of which group?

- A. Indigo farmers in Bihar
- B. Peasant tenants in Awadh
- C. Tea plantation workers in Assam
- D. Cotton mill workers in Bombay

Q92

Which of the following Articles deals with the composition of the panchayats?

- A. Article 243D
- B. Article 243C
- C. Article 243B
- D. Article 243A

Q93

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

$$26 + 8 \times 4 - 10 \div 5 = ?$$

- A. 75
- B. 73
- C. 74
- D. 77



Q94

In MS Excel 2019, what is the maximum column width that can be set, and what does it represent?

- A. 32767 – Represents the maximum number of characters storable in a cell
- B. 409 – Represents the number of visible characters possible in a zoomed-out view
- C. 255 – Represents pixels based on the monitor resolution
- D. 255 – Represents the number of characters in the default font that fit in a cell ✓

Q95

MOST is related to EFKK in a certain way based on the English alphabetical order. In the same way, GEMJ is related to YVEA. To which of the given options is IDOI related, following the same logic?

- A. AGZU
- B. AUGZ ✓
- C. AUZG
- D. AGUZ

Q96

In the following series, only one letter-cluster is incorrect. Select the INCORRECT letter-cluster.

JFB RNJ ZVR HDZ PLK XTP

- A. PLK ✓
- B. HDZ
- C. RNJ
- D. ZVR

Q97

Three bells ring at intervals of 12, 15 and 18 minutes. If they rang together at 10:00 am, when will they ring together again?

- A. 12: 00 p.m.
- B. 4:00 p.m.
- C. 1:00 p.m. ✓
- D. 2:00 p.m.

Q98

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

2 12 60 240 ? 1440

- A. 720 ✓
- B. 780
- C. 660
- D. 760

Q99

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. RX – MS
- B. IO – DJ
- C. NR – GL ✓
- D. MF – HA

Q100

The ratio of the salaries of two employees is 3 : 4. If the first employee's salary is increased by 10% and the second employee's salary is increased by 20%, what will be the new ratio of their salaries?

- A. 11 : 16 ✓
- B. 33: 56
- C. 3 : 4
- D. 33 : 47

Q101

A, B, C, D, X and Y each scored different marks. Only two people have scored more than A. Only B has scored less than D. X has scored more than Y but less than C. How many people have scored more than X?

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



Q102

What is the percentage of population living in cities referred to as?

- A. Crude Birth Rate
- B. Population Density
- C. Urbanisation
- D. Growth Rate

Q103

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. KO-NR
- B. MQ-PT
- C. GK-IP
- D. AE-DH

Q104

Which of the following is NOT a component of essential maternal care?

- A. Intrauterine insemination (IUI)
- B. Tetanus immunisation
- C. Supplementation of iron and folic acid
- D. Education on breastfeeding practices

Q108

The price of 4 pens and 5 notebooks is ₹130. If the price of a pen increases by 25% and the price of a notebook decreases by 20%, then the price of 2 pens and 4 notebooks becomes ₹82. What is the original price of 1 pen and 2 notebooks?

- A. ₹40
- B. ₹25
- C. ₹30
- D. ₹20

Q105

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

7, 25, 61, 115, 187, ?

- A. 275
- B. 276
- C. 278
- D. 277

Q106

Refer to the given letter, number, symbol series and answer the question that follows.

(Left) D 4 & A \$ Z G 7 R 5 % W 2 @ 3 # V 6 & F Y (Right)

If all the numbers are dropped from the series, which of the following will be seventh from the right?

- A. %
- B. W
- C. @
- D. G

Q107

A, B, C, D, E and F have different heights. C is shorter than exactly 1 person. D is shorter than A but taller than F. E is shorter than F, and C is shorter than B. How many people are taller than D?

- A. 2
- B. 4
- C. 3
- D. 1



Q109

The downstream speed is 125 km/hr and the upstream speed is 25 km/hr. It takes a total of 25 hours to go to a place and come back. What is the total distance (in km) travelled by boat?

A. $520\frac{1}{6}$

B. $1041\frac{1}{3}$

C. $520\frac{5}{6}$

D. $1041\frac{2}{3}$



Q110

If x varies inversely as $y^3 - 1$ and x is equal to 6 when $y = 4$, find the value of x when $y = 8$.

A. $\frac{143}{141}$

B. $\frac{147}{115}$

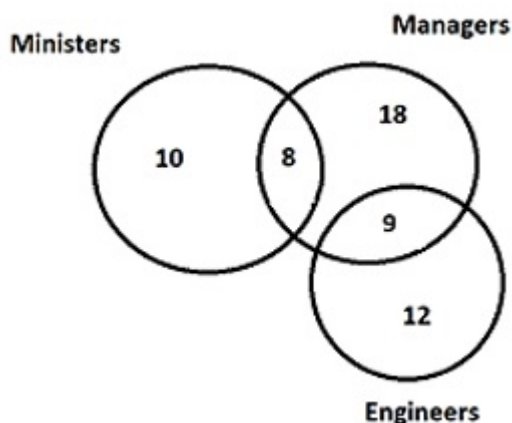
C. $\frac{54}{73}$

D. $\frac{83}{98}$



Q111

Study the given Venn diagram carefully and answer the question that follows. The numbers in different sections indicate the number of persons.



How many Ministers are there who are Managers but NOT Engineers?

A. 18

B. 8

C. 10

D. 9

Q112

A man covers equal distances at the speeds of 19 km/hr, 8 km/hr and 5 km/hr. His average speed for the entire journey is:

A. $13\frac{271}{287}$ km/hr

B. $3\frac{271}{287}$ km/hr

C. $7\frac{271}{287}$ km/hr

D. $5\frac{271}{287}$ km/hr

Q113

Find the simplified value of $7 - 8 \times 11 - 8 \times 13 - 8$.

A. $\frac{1}{1001^8}$

B. $\frac{1}{962^8}$

C. $\frac{1}{995^8}$

D. $\frac{1}{1025^8}$



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Q114

A solid metal cylinder of height 20 cm and diameter 14 cm is melted and recast into two solid cones having volume in the ratio 3 : 4, keeping the height 35 cm. What would be the percentage change in the flat surface area (area of the bases) before and after?

A. $26\frac{1}{13}\%$ decrease

B. $22\frac{1}{9}\%$ increase

C. $9\frac{1}{11}\%$ increase

D. $14\frac{2}{7}\%$ decrease



Q115

Simplify: $0.848 \div 0.8 \times \frac{1}{2} + 0.125 \div \frac{5}{2} \times 0.4$

A. 0.55

B. 0.75

C. 0.53

D. 0.73



Q116

Evaluate the following.

$$\frac{4}{3} + \left(\frac{1}{1 + \frac{2}{7}} \right) - \frac{4}{3}$$

A. $\frac{7}{9}$

B. $\frac{10}{3}$

C. $\frac{3}{13}$

D. $\frac{9}{8}$



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Q117

The value of $6^2 + \sqrt{2^2} - 5\sqrt{25} - 11$ is

A. 2



B. -5

C. 3

D. -2

Q118

The simplified value of $72 \div \left[\frac{12}{6} \times \{3 + 9 - (5 + 5 - (2 + 5))\} \right]$ is:

A. 6

B. 8

C. 4



D. 3

Q119

Evaluate the following.

$$\frac{5}{2} + \left(\frac{1}{1 + \frac{5}{7}} \right) - \frac{3}{2}$$

A. $\frac{11}{8}$ B. $\frac{28}{3}$ C. $\frac{19}{12}$ D. $\frac{18}{19}$

Q120

If the ratio of the quadrilateral's four angles is $\angle w : \angle x : \angle y : \angle z = 2 : 3 : 3 : 4$, then what is the value of $\angle x$?

A. 60° B. 80° C. 90° D. 70° 