



रेलवे भर्ती बोर्ड / RAILWAY RECRUITMENT BOARDS

सी ई एन ०६/२०२४ - एन टी पी सी पूर्व स्नातक स्तर - CEN - 06/2024 - NTPC Under Graduate Level



RRB NTPC UG 2024 CBT 2

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

English

All 1 Shifts (Sets) · Official Answer Key

About this Compilation

This booklet compiles all **1 shift papers** of the **RRB NTPC UG 2024 CBT 2** 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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Index — All Sets (click to open)

Set 1

20 Dec 2025

4:30 PM - 6:00 PM

Q1

Who among the following led the Dandi March in March 1930?

A. Subhas Chandra Bose

B. Mahatma Gandhi ✓

C. Lala Lajpat Rai

D. Jawahar Lal Nehru

Q2

In the conduct of elections in India, which authority is responsible for supervising all polling stations within a constituency and officially declaring the final election result?

A. Polling Officer

B. Returning Officer ✓

C. Presiding Officer

D. Chief Electoral Observer

Q3

Who among the following is the editor of 'Indian Renaissance: The Modi Decade'?

A. Soumitra Chatterjee

B. Arun Shourie

C. Dr. KS Chauhan

D. Dr. Aishwarya Pandit ✓

Q4

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

EDG, CBE, AZC, YXA, WVY, ?

A. UTW ✓

B. VTU

C. USW

D. VSW

Q5

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. QR – WX

B. AB – GH

C. MN – SV ✓

D. IJ – OP

Q6

D, E, F, G, O, P and Q are sitting in a straight line, facing north. Only three people sit to the left of E. Only O sits to the right of G. Only three people sit between G and F. Q 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. Three ✓

B. One

C. Two

D. Four

Q7

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

BATH – HBAT – THBA

TOYS – STOY – YSTO

A. CART – ACTR – CTAR

B. ABLE – EABL – LEAB ✓

C. LOVE – OVEL – VELO

D. TOMB – OMTB – MTOB

Q8

In what ratio must Rohit, a grocer, mix two varieties of gram flour costing ₹130 and ₹150 per kg, respectively, so as to get a mixture worth ₹145.50 per kg?

A. 31 : 9

B. 7 : 31

C. 31 : 7

D. 9 : 31 ✓



Q9

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

$$138 \text{ B } 2 \text{ C } 24 \text{ A } 4 \text{ D } 8 = ?$$

A. 272

B. 274



C. 271

D. 273

Q10

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, 14, 24)

(3, 10, 16)

A. (7, 18, 32)



B. (6, 8, 12)

C. (4, 12, 28)

D. (9, 14, 24)

Q11

Which Schedule of the Indian Constitution contains the list of powers, authority and responsibilities of the Panchayats?

A. Twelfth Schedule

B. Tenth Schedule

C. Eleventh Schedule



D. Ninth Schedule

Q12

A and B complete a work in 14 days. If A alone can do it in 42 days, then B alone can do one-third of the same work in _____ (days).

A. 7



B. 14

C. 21

D. 28

Q13

Which of the following is the longest river in the desert region of India?

A. Brahmaputra

B. Ganga

C. Yamuna

D. Luni



Q14

Which team was the winner of the Vijay Hazare Trophy 2024-25?

A. Karnataka



B. Gujarat

C. Haryana

D. Vidarbha

Q15

In a row of 48 people facing the north, Mohit sits 14th from the right end. If Harini sits 15th from the left end of the row, how many people sit between Mohit and Harini?

A. 21

B. 18

C. 19



D. 16

Q16

Radhe starts from Point A and drives 32 km towards west. He then takes a left turn, drives 30 km, turns left and drives 49 km. He then takes a left turn and drives 46 km. He takes a final left turn, drives 17 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 degrees turns unless specified)

A. 16 km to the south



B. 15 km to the west

C. 13 km to the south

D. 12 km to the north



Q17

Speakers of which of the following languages in India are mostly confined to the Himalayan belt contiguous with the international boundaries?

A. Tibeto-Burman



B. Austric

C. Indo-Aryan

D. Dravidian

Q18

How does diversification of agricultural activities contribute to rural prosperity?

A. By reducing agricultural productivity

B. By providing alternative income sources and improving resilience



C. By focussing only on staple crops

D. By increasing reliance on traditional cropping patterns

Q19

Who are the authors of the book 'The Law and Spirituality: Reconnecting the Bond', released in April 2024?

A. Raman Mittal and Seema Singh



B. RK Pachnanda and Uttam Kumar Sinha

C. Geeta Singh and Arif Khan Bharti

D. Ashok Kumar and OP Manocha

Q20

Which of the following observations indicates that a chemical reaction has taken place?

A. Change in temperature



B. No change in texture

C. Change in size

D. Change in shape

Q21

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. KIH

B. ZXW

C. SQO



D. GED

Q22

As per the Ministry of Culture, which of the following represents an impact of a language being declared classical?

A. National integration

B. Increased literacy rate

C. Employment opportunities



D. Global collaborations

Q23

The marked price of an iPad is ₹960. It is sold with two successive discounts of 25% each, followed by an additional 15% discount for cash payment. What is the final selling price (in ₹) after the cash discount?

A. 460

B. 459



C. 461

D. 456

Q24

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'.

Based on the above, how is S related to T if 'S + G & J # K x T'?

A. Brother

B. Wife's father

C. Father

D. Wife's brother



Q25

Two pipes can fill a cistern, individually, in 99 min and 90 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 50 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. 815 min

B. 841 min

C. 825 min



D. 822 min



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Q26

Which of the following states is one of those with high population density due to flat plains, fertile soils and abundant rainfall, according to the 2011 Census?

- A. Gujarat
- B. Himachal Pradesh
- C. Kerala
- D. Rajasthan



Q27

Train A leaves station M at 7:20 a.m. and reaches station N at 3:20 p.m. on the same day. Train B leaves station N at 9:20 a.m. and reaches station M at 4:20 p.m. on the same day. Find the time when Trains A and B meet.

- A. 1:38 a.m.
- B. 10:57 a.m.
- C. 4:10 p.m.
- D. 12:08 p.m.



Q28

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

57 58 62 71 87 112 ?

- A. 76
- B. 148
- C. 144
- D. 137



Q29

Which among the following dynasties was founded by Dantidurga?

- A. Pala
- B. Gurjara Pratihara
- C. Rashtrakuta
- D. Chola



Q30

Seven boxes H, I, J, K, Q, R and S are kept one over the other but not necessarily in the same order. H is kept second from the bottom. Only three boxes are kept between H and S. J is kept at one of the positions below H. Only Q is kept between S and R. K is kept at one of the positions above S.

How many boxes are kept between I and J?

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



Q31

Which organisation, established by the Indian government, serves as the regulatory and promotional body to facilitate increased private sector participation in India's space activities as of March 2025?

- A. Space Applications Centre (SAC)
- B. Indian Space Research Organisation (ISRO)
- C. Department of Space (DoS)
- D. Indian National Space Promotion and Authorization Centre (IN-SPACe)



Q32

Three years ago from now, Aman was four times Chaman's age. Three years from now, he will be twice as old as Chaman. What is Aman's current age (in years)?

- A. 18
- B. 15
- C. 20
- D. 10



Q33

In a test with a maximum of 100 marks, B scored 54 and A scored 75. Approximately what percentage of B's score is A's score?

- A. 75%
- B. 138.89%
- C. 101.07%
- D. 72%



Q34

The Constitutional provisions enabling the establishment of tribunals in India were introduced through which Amendment Act?

- A. Forty-first Amendment Act, 1975
- B. Forty-fourth Amendment Act, 1978
- C. Forty-second Amendment Act, 1976 ✓
- D. Fifty-second Amendment Act, 1985

Q35

Simplify: $x(5x - 5) + 7(x^2 - 2) + 15$

- A. $-12x^2 - 5x + 1$
- B. $-12x^2 - 5x - 1$
- C. $12x^2 - 5x + 1$ ✓
- D. $12x^2 - 5x - 1$

Q36

Refer to the following number series and answer the question that follows (all numbers are single digit numbers only).

(Left) 8 8 4 7 5 5 3 2 9 8 6 4 5 3 8 4 5 8 9 1 5 7 4 9 7 5 1
(Right)

How many such even numbers are there, each of which is immediately preceded by an odd number and also immediately followed by an odd number?

- A. 0
- B. 4
- C. 2
- D. 3 ✓

Q37

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

MID 6; OKF 12; QMH 18; SOJ 24; ?

- A. URL 30
- B. UQL 30 ✓
- C. UPL 32
- D. SRL 28

Q38

If A and B together can finish a job in 10 days, and B alone can finish it in 15 days, how many days will A alone take to finish the job?

- A. 20 days
- B. 25 days
- C. 30 days ✓
- D. 15 days

Q39

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

$$3 \div 2 + 15 \times 3 - 5 = ? + 10$$

- A. 16 ✓
- B. 13
- C. 17
- D. 15

Q40

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

ULE RHZ ODU LZP ?

- A. JWK
- B. HUL
- C. HWJ
- D. IVK ✓

Q41

At a health club, 55% of the members are women and 45% of the members are men. If the average age of the men is 95 years and the average age of the women is 85 years, what is the average age (in years) of all the members?

- A. 87.8
- B. 79.3
- C. 83.9
- D. 89.5 ✓



Q42

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

$$692 - 438 \div 1488 \times 372 + 257 \div 621 \times 69 = ?$$

A. 311

B. 113

C. 131



D. 313

Q43

Which of the following Articles of the Indian Constitution deals with the Directive Principles of State Policies?

A. Articles 66 to 51

B. Articles 36 to 51



C. Articles 46 to 51

D. Articles 56 to 51

Q44

Nitin starts from Point Y and drives 13 km towards south. He then takes a right turn, drives 59 km, turns left and drives 49 km. He then takes a left turn and drives 21 km. He takes a left turn, drives 37 km. He then turns right, drives 38 km, turns right and drives 23 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. 43 km towards north

B. 51 km towards south

C. 48 km towards north



D. 49 km towards south

Q45

EFHE is related to IJLI in a certain way based on the English alphabetical order. In the same way, IJLI is related to MNPM. To which of the given options is PQSP related, following the same logic?

A. TUWT



B. TUVT

C. TTVT

D. TVVY

Q46

Which of the following sports terms is NOT associated with cricket?

A. Cover drive

B. LBW

C. Powerplay

D. Raider



Q47

Tsarap Chu Conservation Reserve, India's largest conservation reserve as of May 2025, is located in which of the following states?

A. Himachal Pradesh



B. Andhra Pradesh

C. Assam

D. Arunachal Pradesh

Q48

Divide ₹9,900 among three persons A, B and C. If the shares of A and C are in the ratio of 4 : 18 and B's share is 50% of the total shares of A and C, what is the share (in ₹) of B?

A. 3,298

B. 3,300



C. 3,302

D. 3,301

Q49

Refer to the following letter series and answer the question that follows. (Counting to be done from left to right only.)

(Left) K O P Q W S E D G U J I O P K M N V Y I P O (Right)

How many such consonants are there, each of which is immediately preceded by a vowel and also immediately followed by a vowel?

A. None

B. Two



C. One

D. More than two



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Q50

A shopkeeper offers a trade discount of 15% on the marked price of an item. If the marked price of this product is ₹6500, what is its selling price (in ₹)?

- A. 5552
- B. 5200
- C. 5255
- D. 5525

**Q51**

A train travels three equal distances of 180 km each at speeds of 45 km/hr, 60 km/hr and 90 km/hr, respectively. What is the total time taken to cover all three distances?

- A. 3.5 hours
- B. 9 hours
- C. 4.5 hours
- D. 7 hours

**Q52**

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. YH – CE
- B. AJ – EG
- C. CL – GI
- D. HN – TV

**Q53**

Which of the following is NOT one of the three approaches of the Government of India for poverty reduction?

- A. Growth-oriented approach with the expectation that economic growth would trickle down to the poor.
- B. Provide minimum basic amenities to people through public expenditure on social consumption needs.
- C. Ensure the bare minimum level of remuneration or wage for labour with different levels of skills.
- D. Raise incomes and employment for the poor by creating additional assets and by means of work generation.

**Q54**

The period of southwest monsoon from _____ is known as the rainy season for most parts of the country.

- A. June to October
- B. May to August
- C. June to August
- D. June to September

**Q55**

What is the generally accepted maximum size for email attachments across major email providers?

- A. 10MB
- B. 50MB
- C. 25MB
- D. 100MB

**Q56**

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

30 40 50 60 70 ?

- A. 80
- B. 79
- C. 77
- D. 78

**Q57**

What is the term used for alternative forms of a gene?

- A. Genome
- B. Chromosome
- C. Locus
- D. Allele

**Q58**

In a certain code language, 'pull bush map' is coded as 'hn ha lv' and 'kite input pull' is coded as 'ha of bq'. How is 'pull' coded in the given language?

- A. of
- B. lv
- C. ha
- D. hn



Q59

If 'I' stands for '+', 'J' stands for '×', 'K' stands for '÷' and 'L' stands for '-', then what will come in place of the question mark (?) in the following equation?

$$174\ K\ 6\ J\ 12\ I\ 63\ L\ 15\ K\ 5\ I\ 29\ J\ 4\ K\ 2\ L\ 11 = ?$$

A. 513

B. 491

C. 574

D. 455



Q60

Which of the following is NOT a dimension of the Human Development Index (HDI)?

A. Military strength and defence expenditure



B. The acquisition of education and knowledge

C. A long and healthy life

D. The standard of living and command over resources

Q61

In which of the following states is the Bokaro Steel Plant located?

A. Chhattisgarh

B. Jharkhand



C. Bihar

D. West Bengal

Q62

The mandap of the temple is referred to as the 'Jagamohan' in which school of temple architecture?

A. Odisha school



B. Pala school

C. Solanki school

D. Khajuraho school

Q63

Atul earns ₹16,000 per month. He spends ₹5,500 on rent, ₹2,500 on bills, and saves the remaining amount each month. If he uses his entire monthly savings for his birthday celebration in one month, find his total savings for the year (in ₹).

A. 88,000



B. 72,000

C. 96,000

D. 80,000

Q64

Amravati, Bhavani, Hemavati, and Kabini are the main tributaries of which of the following rivers?

A. Brahmatputra

B. Indus

C. Tapi

D. Kaveri



Q65

According to the United Nations Office on Drugs and Crime (UNODC) and UN Women data released in 2025, how often was a woman or girl killed by the intimate partners or family members worldwide in 2024?

A. Every 5 minutes

B. Every hour

C. Every 10 minutes



D. Every 30 minutes

Q66

Which team won the 3rd edition of the Women's Premier League in 2025?

A. Mumbai Indians



B. Royal Challengers Bengaluru

C. Delhi Capitals

D. Gujarat Giants

Q67

Lok Adalats aim to settle disputes amicably by promoting which type of resolution?

A. Criminal

B. Amicable/compromise



C. Adversarial

D. Mandatory Orders

Q68

The Main Worker is a person who works for:

A. at least 183 days (or six months) in a year



B. at least 153 days (or five months) in a year

C. at least 90 days (or three months) in a year

D. at least 120 days (or four months) in a year



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Q69

The H.C.F. and the L.C.M. of two numbers are 49 and 490, respectively. If one of the numbers is 245, find the other one.

A. 147

B. 98



C. 49

D. 196

Q70

I, J, K, L, R, S and T are sitting around a circular table facing the centre of the table.

Only two people sit between K and T when counted from the right of K. Only three people sit between S and L when counted from the right of L. T sits to the immediate right of R. J sits to the immediate right of I.

Who sits fourth to the right of I?

A. J



B. L

C. S

D. T

Q71

Which of the following is NOT among the six fundamental rights provided in Part III of the Indian Constitution?

A. Right to Religious Education



B. Right to Equality

C. Right against Exploitation

D. Right to Freedom

Q72

The Balimela Power Plant is located in which of the following states of India?

A. Andhra Pradesh

B. Odisha



C. Chhattisgarh

D. Jharkhand

Q73

Under the Citizenship (Amendment) Act, 2019, the Overseas Citizen of India (OCI) registration may be cancelled if _____.

A. The Overseas Citizen of India permanently relocates to another country

B. The Overseas Citizen of India formally seeks dual citizenship status

C. The Overseas Citizen of India refuses to comply with tax obligations

D. The Overseas Citizen of India violates the Citizenship Act or any notified law



Q74

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

16, 26, 39, 55, 74, ?

A. 96



B. 90

C. 103

D. 100

Q75

The Karnataka Khadi and Gramodyoga Samyukta Sangha (KKGSS), the only unit legally permitted to manufacture the tricolour flag out of pure khadi, is located in which place?

A. Belur

B. Bengeri



C. Gokarna

D. Badami

Q76

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 bulbs are lights. All bulbs are magnets.

Conclusions:

(I) At least some magnets are lights.

(II) Some magnets are bulbs.

A. Only conclusion (II) follows.

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



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

D. Only conclusion (I) follows.



Q77

What sum (in ₹) will earn a simple interest of ₹1,560 in 4 years at 20% per year rate of interest?

- A. 1,248
- B. 1,950
- C. 3,900
- D. 975

Q78

Refer to the following number series and answer the question that follows (all numbers are single digit numbers only). Counting to be done from left to right only.

(Left) 9 8 7 4 5 3 2 4 5 6 8 1 2 3 5 6 7 6 5 3 9 (Right)

How many such even digits are there, each of the which is immediately preceded by a perfect square and immediately followed by an odd digit? (NOTE: 1 is also a perfect square)

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

Q79

A trader lost 5% by selling a shirt for ₹850. He will gain x% by selling it for ₹1,530. The value of x is:

- A. 86
- B. 81
- C. 71
- D. 61

Q80

Which of the following male athletes was crowned the 'World Athlete of the Year' in 2025?

- A. Jakob Ingebrigtsen
- B. Neeraj Chopra
- C. Mondo Duplantis
- D. Noah Lyles

Q81

Mohammad Qasim Nanotavi and Rashid Ahmed Gangohi founded which of the following movements?

- A. Shariya Movement
- B. Pagal Pant Movement
- C. Deoband Movement
- D. Wahabi Movement

Q82

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 below G. Only one box is kept above V. Only one box is kept between V and U. X is kept immediately above P. W is kept at some place below E. How many boxes are kept between E and X?

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

Q83

The Union Minister of the Government of India, Rajiv Ranjan Singh, launched the Organic Fisheries Cluster in the _____ district of Sikkim in January 2025.

- A. Soreng
- B. Pakyong
- C. Mangan
- D. Gangtok

Q84

The 7-digit number 40A861B is divisible by 3. What is the minimum value of (A + B)?

- A. 3
- B. 5
- C. 2
- D. 1



Q85

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 kings are drills.
All clamps are drills.

Conclusions:

(I) Some kings are clamps.

(II) All drills are clamps.

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

Q86

In a certain code language, 'bell poet visit' is coded as 'js vx gu' and 'yard visit queen' is coded as 'aw ks js'. How is 'visit' coded in the given language?

- A. vx
- B. gu
- C. js ✓
- D. aw

Q87

Which memory type is both non-volatile and commonly used for firmware storage in embedded controllers?

- A. L3 cache
- B. Flash ROM ✓
- C. SRAM
- D. DRAM

Q88

The Citizenship (Amendment) Act, 2019 applies specifically to migrants belonging to the notified communities from which set of neighbouring countries?

- A. Sri Lanka, Myanmar and Pakistan
- B. Afghanistan, Bangladesh and Pakistan ✓
- C. Maldives, Afghanistan and Bhutan
- D. Nepal, Bhutan and Bangladesh

Q89

The substances that are used for making food products unsafe for human consumption are known as:

- A. adulterants ✓
- B. chemical hazards
- C. food additives
- D. flavouring agents

Q90

Given the data set $\{x + 4, 2x - 3, 5x, x + 1, 3x + 2\}$, for $x > 1$, where x is a natural number, if the median is 7, what is the value of x ?

- A. 3 ✓
- B. 4
- C. 6
- D. 2

Q91

On which of the following dates did the United Nations observe the first World Clean Energy Day?

- A. 6 June 2020
- B. 26 January 2024 ✓
- C. 26 January 2022
- D. 6 June 2018

Q92

In a certain code language,
 $A + B$ means 'A is the father of B',
 $A - B$ means 'A is the wife of B',
 $A \times B$ means 'A is the son of B',
and $A \div B$ means 'A is the daughter of B'.

How is X related to W if ' $W \times Z + Y \div X - Z$ '?

- A. Wife's mother
- B. Son's wife
- C. Mother ✓
- D. Daughter's husband

Q93

Who among the following was the leader of 1857 Revolt at Delhi?

- A. Bahadur Shah II ✓
- B. Begum Hazrat Mahal
- C. Nana Sahib
- D. Mangal Pandey



Q94

How can gender equality contribute to human development?

A. By eliminating barriers to women's participation in education and workforce



B. By reducing workforce diversity

C. By focussing solely on male-dominated industries

D. By limiting opportunities for women

Q95

Find the mean for the following data: 12, 3, 18, 17, 4, 9, 17, 19, 20, 15, 8, 17, 2, 3, 16, 11, 3, 1, 0, and 5.

A. 10



B. 11

C. 8

D. 9

Q96

The larger of two supplementary angles is 16° more than the smaller angle. The smaller angle (in degrees) is:

A. 87

B. 82



C. 72

D. 79

Q97

Who is known as the 'Father of Modern Indian Art' and is famous for works like Shakuntala, Rang Rasiya?

A. Rabindranath Tagore

B. Nandlal Bose

C. Abhanindranath Tagore

D. Raja Ravi Verma



Q98

What does the acronym 'ASCII' stand for in computer terminology?

A. American Standard Code for International Interchange

B. Advanced Standard Code for Information Interchange

C. American Scientific Code for Information Interchange

D. American Standard Code for Information Interchange



Q99

A shopkeeper fixes the marked price of an item 90% above its cost price. What percentage of discount on marked price should be allowed to gain 71%?

A. 8%

B. 10%



C. 13%

D. 11%

Q100

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 decide the appropriate answer.

Question: Among 5 Sticks, M,A,N,C and G each having a different length, which stick is the longest?

Statements:

(I) M is shorter than A but longer than N.

(II) N is longer than C but shorter than G.

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

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



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

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

Q101

As per Energy Statistics India 2025, which renewable energy source contributes the largest share to India's total estimated potential of renewable power, as of March 2025?

A. Wind energy



B. Hydro power

C. Solar energy

D. Biomass energy

Q102

With regard to their occupation, the early Vedic Aryans were ____.

A. Fishermen and hunters

B. Pastoralists



C. Priests

D. Merchants and traders



Q103

Evaluate: $30 + \{-9 \times (26 - 14 + 6)\}$

- A. -135
- B. -133
- C. -134
- D. -132

**Q104**

Which of the following days is observed on 1 January every year?

- A. Earth Day
- B. International Yoga Day
- C. World Health Day
- D. Global Family Day

**Q105**

The sum of 10 numbers is 612. Find their average.

- A. 62.2
- B. 60.2
- C. 61.2
- D. 59.2

**Q106**

Mukund deposited ₹57,000 in a bank. With annual compounding, how much compound interest (in ₹) will he earn in 2 years if the interest rate is 10% per annum in the first year and increases by 3% per annum in the second year?

- A. 13,851
- B. 13,501
- C. 13,651
- D. 14,101

**Q107**

Each vowel in the word COURAGE 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. Which of the following letters will be fifth from the right in the new group of letters thus formed?

- A. T
- B. A
- C. V
- D. U

**Q108**

The area of a square field is 1369 m^2 . Its perimeter (in m) is:

- A. 139
- B. 152
- C. 148
- D. 146

**Q109**

Who was the compiler of the book 'I AM?', which was launched in February 2025 by Shri Jagdeep Dhankhar, the Honourable Vice President of India?

- A. Arun Shourie
- B. Namita Gokhale
- C. Gopichand P Hinduja
- D. PS Raman

**Q110**

TWSP is related to MPLI in a certain way based on the English alphabetical order. In the same way, LOKH is related to EHDA. To which of the given options is PSOL related, following the same logic?

- A. IMGM
- B. ILGE
- C. IKGE
- D. ILHE

**Q111**

Which of the following laws states that 'Every object will remain at rest or in uniform motion unless acted upon by an external force'?

- A. Newton's First Law of Motion
- B. Kepler's Laws of Planetary Motion
- C. Newton's Third Law of Motion
- D. Law of Conservation of Momentum



Q112

Find the L.C.M. of $\frac{4}{7}$, $\frac{5}{21}$ and $\frac{8}{63}$.

A. $\frac{1}{63}$

B. $\frac{40}{63}$

C. $\frac{1}{7}$

D. $\frac{40}{7}$ ✓

Q113

Evaluate:

$$\sqrt{\left(31 + \sqrt{\left(15 + \sqrt{\left(97 + \sqrt{\left(7 + \sqrt{4}\right)}\right)}\right)}\right)}$$

A. 4

B. 5

C. 9

D. 6 ✓

Q114

Water flows through a cylindrical pipe of internal diameter 21 cm at the rate of 8 m/s. What time, in minutes, would the pipe take to fill an empty rectangular tank of dimensions 12 m × 9 m × 4.41 m?

(Rounded up to one decimal place) (Use $\pi = \frac{22}{7}$)

A. 30 minutes

B. 36.8 minutes

C. 28.6 minutes ✓

D. 27.5 minutes



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Q115

Simplify the expression given below.

$$3^5 - \left(\frac{1}{3}\right)^{-5} + \sqrt{\frac{27^{12} + 9^{13}}{27^6 + 9^{14}}}$$

A. 81



B. 69

C. 243

D. 27

Q116

$$\sqrt{\frac{1764}{2025}} \times \sqrt{\frac{625}{441}} - \left(\frac{3}{4}\right)^{-2}.$$

A. $-\frac{22}{63}$ B. $-\frac{1}{3}$ C. $-\frac{2}{3}$ D. $\frac{26}{9}$

Q117

A pole is standing on the top of a house. The height of the house is 25 metres. The angle of elevation of the top of the house from point P is 45° and the angle of elevation of the top of pole from P is 60° . Point P is on the ground level. What is the height of the pole (in metres)?

A. $25(\sqrt{3} - 1)$ B. $20(\sqrt{3} - 1)$ C. $20(\sqrt{3} + 1)$ D. $25(\sqrt{2} - 1)$ 

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Q118

The downstream speed is 115 km/hr and the upstream speed is 23 km/hr. It takes a total of 25 hours to go to a place and come back. What is the total distance travelled by boat?

A. $958\frac{2}{3}$ km

B. $479\frac{5}{6}$ km

C. $958\frac{1}{3}$ km



D. $479\frac{1}{6}$ km

Q119

If $\alpha : \beta = 15 : 22$ and $\beta : \gamma = 12 : 13$, then what is the value of $\alpha : \beta : \gamma$?

A. $90 : 143 : 132$

B. $90 : 66 : 143$

C. $90 : 132 : 143$



D. $45 : 66 : 143$

Q120

A conical cap has the base diameter 40 cm and height 21 cm. What is the cost (rounded off to one decimal place) of painting the surface of the cap at the rate of 112 paise per sq. cm? (Use $\pi = \frac{22}{7}$)

A. ₹2,087.4

B. ₹2,131.3

C. ₹2,041.6



D. ₹2,051.7



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