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सी ई एन - 06/2025 - CEN - 06/2025
एनटीपीसी (स्नातक स्तर) की भर्ती / Recruitment of NTPC Graduate Level



RRB NTPC Graduate 2025

Graduate Level · CEN 06/2025 · Question Paper Compilation

Kannada

All 1 Shifts (Sets) · Official Answer Key

About this Compilation

This booklet compiles all **1 shift papers** of the **RRB Group D Graduate 2025** examination (CEN 06/2025) in **Kannada**, 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

10 Jul 2026

9:00 AM - 10:30 AM

Q1

A box initially at rest is pushed with a force of 30 N to the right while friction applies a force of 30 N to the left. What happens to the motion of the box?

- A. The box remains at rest. ✓
- B. The box accelerates to the right.
- C. The box slows down and stops.
- D. The box moves in the opposite direction.

Q2

In a linear race of 750 meters, X can beat Y by 10 meters. In a race of 444 meters, Y can beat Z by 6 meters. In a race of 150 meters, X will beat Z by how many meters?

- A. 4 ✓
- B. 3
- C. 6
- D. 2

Q3

ಮಾರ್ಚ್ 2026ರಲ್ಲಿ ಆಕ್ರಮಣಕಾರಿ ಅನ್ಯಲೋಕದ ಪ್ರಭೇದಗಳ ಕುರಿತು ಸಮಿತಿಯನ್ನು ಸ್ಥಾಪಿಸಿದ ಸಂಸ್ಥೆ ಯಾವುದು?

- A. ಪರಿಸರ ಸಚಿವಾಲಯ
- B. ಕೇಂದ್ರ ಮಾಲಿನ್ಯ ನಿಯಂತ್ರಣ ಮಂಡಳಿ
- C. ಭಾರತೀಯ ಅರಣ್ಯ ಸಂಶೋಧನಾ ಮಂಡಳಿ
- D. ರಾಷ್ಟ್ರೀಯ ಜೀವವೈವಿಧ್ಯ ಪ್ರಾಧಿಕಾರ ✓

Q4

A student heats a compound and observes the emission of brown fumes. The compound was most likely:

- A. NaCl
- B. AgCl
- C. $\text{Pb}(\text{NO}_3)_2$ ✓
- D. CaCO_3

Q5

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

(Left) S R E S 2 U ^ \$ + X B 7 N M 7 4 C Z 5 @ U 4 D /
(Right)

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

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

Q6

Who among the following was jointly awarded the 2025 Nobel Prize in Economic Sciences along with 2 other economists?

- A. Paul Krugman
- B. Thomas Piketty
- C. Daron Acemoglu
- D. Joel Mokyr ✓

Q7

Each of A, B, C, M, N and O has scored different marks. Only two people have scored less than B. C has scored immediately more than M. Only two people have scored between M and O. A has scored more than N. No one has scored less than O. How many people have scored more than N?

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



Q8

ಒಂದು ನೇರ ಸಾಲಿನಲ್ಲಿ ನಿರ್ದಿಷ್ಟ ಸಂಖ್ಯೆಯ ಜನರು ಉತ್ತರ ದಿಕ್ಕಿಗೆ ಮುಖ ಮಾಡಿ ಕುಳಿತಿದ್ದಾರೆ. E ಅವರು ಸಾಲಿನ ಎಡ ತುದಿಯಲ್ಲಿ ಕುಳಿತಿದ್ದಾರೆ. E ಮತ್ತು F ಅವರ ನಡುವೆ ನಿಖರವಾಗಿ ಏಳು ಜನರು ಕುಳಿತಿದ್ದಾರೆ. A ಅವರು F ಅವರ ಬಲಕ್ಕೆ ಮೂರನೇ ಸ್ಥಾನದಲ್ಲಿ ಕುಳಿತಿದ್ದಾರೆ. C ಮತ್ತು B ಅವರ ನಡುವೆ ನಿಖರವಾಗಿ ನಾಲ್ಕು ಜನರು ಕುಳಿತಿದ್ದಾರೆ. C ಅವರು ನಿಖರವಾಗಿ E ಮತ್ತು F ಅವರ ಮಧ್ಯದಲ್ಲಿ ಕುಳಿತಿದ್ದಾರೆ. B ಮತ್ತು D ಅವರ ನಡುವೆ ನಿಖರವಾಗಿ ನಾಲ್ಕು ಜನರು ಕುಳಿತಿದ್ದಾರೆ. D ಅವರು ಯಾವುದೇ ಒಂದು ತುದಿಯಲ್ಲಿ ಕುಳಿತಿದ್ದಾರೆ. ಹಾಗಾದರೆ ಆ ಸಾಲಿನಲ್ಲಿ ಒಟ್ಟು ಎಷ್ಟು ಜನರು ಕುಳಿತಿದ್ದಾರೆ?

A. 15



B. 10

C. 8

D. 12

Q9

In a certain code,
'wishing everyone well' is coded as 'lh cv vd',
'wishing happy days' is coded as 'fv fz lh',
'days everyone enjoy' is coded as 'cv vm fz'.
(All the codes are two-letter codes only.)

What is the possible code for 'happy everyone'?

A. vd fz

B. fv lh

C. fv cv



D. cv fz

Q10

Which committee recommended the shift from administered interest rates to market-determined rates in India?

A. Rangarajan Committee (1997)

B. Narasimham Committee I (1991)



C. Chelliah Committee (1991)

D. Kelkar Committee (2002)

Q11

ಈ ಕೆಳಗಿನವುಗಳಲ್ಲಿ ಯಾವ ಮೂಲಭೂತ ಹಕ್ಕು ನಾಗರಿಕರಿಗೆ ಮಾತ್ರ ಲಭ್ಯವಿದೆ ಮತ್ತು ವಿದೇಶೀಯರಿಗೆ ಲಭ್ಯವಿಲ್ಲ?

A. ಕಾನೂನಿನ ಮುಂದೆ ಸಮಾನತೆಯ ಹಕ್ಕು

B. ಜೀವದ ಮತ್ತು ವ್ಯಕ್ತಿತ್ವಾತ್ಮಕತೆಯ ಹಕ್ಕು

C. ವಾಕ್ ಮತ್ತು ಅಭಿವ್ಯಕ್ತಿ ಸ್ವಾತಂತ್ರ್ಯದ ಹಕ್ಕು



D. ಶೋಷಣೆ ವಿರುದ್ಧದ ಹಕ್ಕು

Q12

ಕೊಟ್ಟಿರುವ ಸರಣಿಯಲ್ಲಿ ಪ್ರಶ್ನಾರ್ಥಕ ಚಿಹ್ನೆಯ (?) ಜಾಗದಲ್ಲಿ ಯಾವುದು ಸರಿಹೊಂದುತ್ತದೆ?

39 52 65 78 91 ?

A. 117

B. 99

C. 104



D. 110

Q13

ಒಂದು ನಿರ್ದಿಷ್ಟ ಸಂಕೇತ ಭಾಷೆಯಲ್ಲಿ,
A + B ಎಂದರೆ 'A ಅವರು B ಅವರ ತಾಯಿ',
A - B ಎಂದರೆ 'A ಅವರು B ಅವರ ಸಹೋದರ',
A x B ಎಂದರೆ 'A ಅವರು B ಅವರ ಹೆಂಡತಿ',
A % B ಎಂದರೆ 'A ಅವರು B ಅವರ ತಂದೆ', ಮತ್ತು
A # B ಎಂದರೆ 'A ಅವರು B ಅವರ ಮಗಳು'.
ಈ ಕೆಳಗಿನವುಗಳಲ್ಲಿ ಯಾವುದು Q ಅವರು L ಅವರ ಹೆಂಡತಿಯ ಸಹೋದರಿ ಎಂದು ಸೂಚಿಸುತ್ತದೆ?

I. V % Q # K + Z - T x L

II. V + Q # K % Z - T + L

III. V # K x Q % L + T # Z

IV. V + Q # G - Z % T + L

A. II ಮತ್ತು IV ಎರಡೂ

B. I ಮತ್ತು III ಎರಡೂ

C. ಕೇವಲ I



D. ಕೇವಲ IV



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Q14

ಸುಶಾಂತ್ ಮತ್ತು ವರುಣ್ ಎಂಬ ಇಬ್ಬರು 400 ಮೀಟರ್ ದೂರದ ಒಂದು ವೃತ್ತಾಕಾರದ ಟ್ರ್ಯಾಕ್‌ನಲ್ಲಿ ಓಡುತ್ತಿದ್ದಾರೆ. ಸುಶಾಂತ್ ಅವರು 100 ಸೆಕೆಂಡುಗಳಲ್ಲಿ ಒಂದು ಸುತ್ತನ್ನು ಪೂರ್ಣಗೊಳಿಸುತ್ತಾರೆ ಮತ್ತು ವರುಣ್ ಅವರು 80 ಸೆಕೆಂಡುಗಳಲ್ಲಿ ಒಂದು ಸುತ್ತನ್ನು ಪೂರ್ಣಗೊಳಿಸುತ್ತಾರೆ. ಅವರಿಬ್ಬರು ಒಂದೇ ಬಿಂದುವಿನಿಂದ ಏಕಕಾಲದಲ್ಲಿ ಪ್ರಾರಂಭಿಸಿ ಪರಸ್ಪರ ವಿರುದ್ಧ ದಿಕ್ಕುಗಳಲ್ಲಿ ಓಡುತ್ತಾರೆ. ಅವರಿಬ್ಬರೂ ಮತ್ತೆ ಆರಂಭದ ಬಿಂದುವಿನಲ್ಲಿ ಒಟ್ಟಿಗೆ ಸೇರುವ ಮೊದಲು ಎಷ್ಟು ಬಾರಿ ಭೇಟಿಯಾಗುತ್ತಾರೆ?

A. 8



B. 12

C. 9

D. 10

Q15

The Industrial Policy Resolution (1956), adopted during the Second Five Year Plan, aimed at which of the following?

A. Promoting only consumer goods industries

B. Privatization of heavy industries

C. Establishing a socialist pattern of society



D. Reducing public sector involvement

Q16

In a ΔXYZ , XT is the bisector of $\angle X$ meeting side YZ at T. If $XY = 5.6$ cm, $YZ = 6$ cm, and $YT = 3.2$ cm, find XZ.

A. 5.4 cm

B. 4.9 cm



C. 6 cm

D. 4.2 cm

Q17

Which quantity describes the rate at which work is done over a period of time?

A. Displacement

B. Energy

C. Power



D. Force

Q18

H, I, J, K, U, V, W and X are sitting around a square table facing the centre of the table. Four of them are sitting at the corners while four are sitting at the exact centre of the sides.

Only three people sit between J and W. J does not sit at any of the corners. I sits third to the left of W. H sits second to the left of J. V is an immediate neighbour of both W and H. U is an immediate neighbor of J. X sits second to the left of W.

How many people sit between K and H when counted from the left of K?

A. Three

B. One

C. Two

D. Four



Q19

ಒಂದು ಆಯತಾಕಾರದ ಹೊಲವು 68.5 m x 45.6 m ಅಳತೆ ಹೊಂದಿದೆ. ಹೊಲದ ಹೊರಭಾಗದ ಸುತ್ತಲೂ ಏಕರೂಪದ ಅಗಲ 2.4 m ಇರುವ ಹಾದಿಯನ್ನು ನಿರ್ಮಿಸಲಾಗಿದೆ. ಹಾದಿಯ ಹೊರ ಸುತ್ತಳತೆ ಮತ್ತು ಹೊಲದ ಸುತ್ತಳತೆಯ ನಡುವಿನ ವ್ಯತ್ಯಾಸವನ್ನು ಕಂಡುಹಿಡಿಯಿರಿ.

A. 18.5 m

B. 19.2 m



C. 17 m

D. 20 m

Q20

At which level of the Panchayati Raj system do Mandal or Taluka Panchayats function?

A. Village level

B. Intermediate level



C. District level

D. Metropolitan level

Q21

1885ರಲ್ಲಿ ಭಾರತೀಯ ರಾಷ್ಟ್ರೀಯ ಕಾಂಗ್ರೆಸ್ ಅನ್ನು ಸ್ಥಾಪಿಸಿದ ಕೀರ್ತಿ ಯಾರಿಗೆ ಸಲ್ಲುತ್ತದೆ?

A. ಲಾರ್ಡ್ ಡಫರಿನ್ (Lord Dufferin)

B. ಲಾರ್ಡ್ ಕರ್ಜನ್ (Lord Curzon)

C. ಲಾರ್ಡ್ ರಿಪನ್ (Lord Ripon)

D. ಅಲನ್ ಆಕ್ಟೇವಿಯನ್ ಹ್ಯೂಮ್ (Allan Octavian Hume)



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Q22

A sum of ₹3059 is divided into three parts such that half of the first part, one-fourth of the second part, and one-eighth of the third part are equal. Find the value (in ₹) of the third part.

A. 1548

B. 1748



C. 1848

D. 1948

Q23

If 40% of a number is added to 240, then the result is the same number. 50% of the same number is:

A. 220

B. 300

C. 440

D. 200



Q24

"ದಿ ಗ್ರೇಡ್" ಎಂಬ ಪ್ರಸಿದ್ಧ ಕಾದಂಬರಿಯನ್ನು ಯಾವ ಭಾರತೀಯ ಲೇಖಕರು ಬರೆದಿದ್ದಾರೆ?

A. ಖುಷ್ವಂತ್ ಸಿಂಗ್

B. ರಾಜಾ ರಾವ್

C. ಆರ್. ಕೆ. ನಾರಾಯಣ್



D. ವಿಕ್ರಮ್ ಸೇಠ್

Q25

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.

Five, girls, Gauri, Ragini, Navya, Kajal and Lovely, are sitting around a circular table facing towards the centre.

Who sits to the immediate left of Lovely?

(I) Gauri is sitting immediately to the right of Lovely.

Ragini is sitting immediately to the left of Kajal.

(II) Navya is sitting second to the left of Kajal. Gauri is an immediate neighbour of both Navya and Lovely.

A. Both statements I and II together are NOT 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. 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

Q26

The flow of electric current in acidic solutions is due to:

A. Ions present in the solution



B. Gas bubbles formed

C. Metals in the solution

D. Neutral molecules only

Q27

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

24 C 16 D 8 A 4 B 2 = ?

A. 32

B. 36



C. 28

D. 40



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Q28

If the mean proportional between $(x + 3)$ and $(x - 3)$ is 4, what is the value of x ; $x > 0$?

A. 3

B. 4

C. 5



D. 6

Q29

Latitudes and longitudes are commonly referred to as what in geographical terminology?

A. Global divisions

B. Planetary markers

C. Geographical coordinates



D. Geographical boundaries

Q30

Select the option that is correct regarding the following two statements labelled Assertion (A) and Reason (R).

Assertion (A): The Election Commission of India recognises parties as national, or state parties based on specified criteria.

Reason (R): Recognition of political parties depends on electoral performance and adherence to rules set by the Election Commission of India.

A. A is true, R is false.

B. Both A and R are true, but R is not the correct explanation of A.

C. Both A and R are true, and R is the correct explanation of A.



D. A is false, R is true.

Q31

Which of the following pairs of mineral resource projects and their locations in India is correctly matched?

A. Raniganj Coalfield – Gujarat

B. Neyveli Lignite Project – Punjab

C. Kudremukh Iron Ore Project – Karnataka



D. Korba Coalfield – Rajasthan

Q32

ರಾಹುಲ್ ವಯಸ್ಸು ಮತ್ತು ಅವರ ಮಗನ ವಯಸ್ಸಿನ ಅನುಪಾತವು 7: 2 ಆಗಿದೆ. ರಾಹುಲ್ 49 ವರ್ಷ ವಯಸ್ಸಿನವರಾಗಿದ್ದರೆ, ಅವರ ಮಗನ ವಯಸ್ಸು ಎಷ್ಟು?

A. 15 ವರ್ಷ

B. 14 ವರ್ಷ



C. 13 ವರ್ಷ

D. 12 ವರ್ಷ

Q33

A and B complete a work in 35 days. If A alone can do it in 60 days, then B alone can do one-third of the same work in _____ days.

A. 36

B. 84

C. 42

D. 28



Q34

Which player won the 2025 Ballon d'Or (Men's) at the ceremony held in Paris on 22 September 2025?

A. Jude Bellingham

B. Erling Haaland

C. Kylian Mbappé

D. Ousmane Dembélé



Q35

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

(Left) Y 7 H # 4 B Q \$ 3 L 9 @ N 8 X Z * & T 2 R (Right)

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

A. Three

B. One



C. Two

D. None



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Q36

A user wants to transfer a large file to a colleague over the internet. Which internet service is most suitable for this task?

A. Instant Messaging

B. E-mail

C. World Wide Web

D. File Transfer Protocol (FTP)



Q37

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

(Left) 715 438 961 127 821 (Right)

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

NOTE - All operations to be done from left to right.

What will be the resultant if third digit of the highest number is added to the second digit of lowest number?

A. 6

B. 9

C. 10

D. 3



Q38

In June 2025, who among the following was appointed as the Secretary of the Research and Analysis Wing (RAW), India's external intelligence agency?

A. Parag Jain



B. Arvind Kumar

C. Ravi Sinha

D. Samant Goel

Q39

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

CF – GI – KL

MP – QS – UV

A. PL – RN – TP

B. RM – QT – PR

C. BF – EI – HL

D. OR – SU – WX



Q40

ಇಂಗ್ಲಿಷ್ ವರ್ಣಮಾಲೆಯ ಕ್ರಮವನ್ನು ಆಧರಿಸಿ, ಈ ಕೆಳಗಿನ ನಾಲ್ಕರಲ್ಲಿ ಮೂರು ಅಕ್ಷರ-ಗುಚ್ಛಗಳು ಒಂದು ನಿರ್ದಿಷ್ಟ ರೀತಿಯಲ್ಲಿ ಸದೃಶವಾಗಿದ್ದು ಒಂದೇ ಗುಂಪಿಗೆ ಸೇರಿವೆ. ಆ ಗುಂಪಿಗೆ ಸೇರದ ಅಕ್ಷರ-ಗುಚ್ಛ ಯಾವುದು? (ಗಮನಿಸಿ: ಗುಂಪಿಗೆ ಸೇರದ ಅಕ್ಷರ-ಗುಚ್ಛವು ಅದರಲ್ಲಿನ ವ್ಯಂಜನಗಳು/ಸ್ವರಗಳ ಸಂಖ್ಯೆ ಅಥವಾ ಅಕ್ಷರ-ಗುಚ್ಛದಲ್ಲಿ ಅವುಗಳ ಸ್ಥಾನಗಳನ್ನು ಆಧರಿಸಿ ಗುಂಪಿಗೆ ಸೇರದ್ದು ಅಲ್ಲ)

A. ORM

B. RUP

C. GJE

D. LMK



Q41

A(1, 5) ಮತ್ತು B(4, 7) ಇತರ ಶೃಂಗಗಳಾಗಿರುವ ಮತ್ತು D(4, 5) ಕೇಂದ್ರಬಿಂದುವಾಗಿರುವ ΔABC ಯ ಶೃಂಗ C (x, y) ಅನ್ನು ಕಂಡುಹಿಡಿಯಿರಿ.

A. C (7, 4)

B. C (7, 3)



C. C (3, 6)

D. C (6, 3)

Q42

Who built the Marble Palace in Kolkata, a grand mansion noted for its Renaissance art collection and neoclassical architecture?

A. Bankim Chandra Chatterjee

B. Raja Rajendra Mullick



C. Dadabhai Naoroji

D. Keshab Chandra Sen



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Q43

How can you vertically center the text inside selected cells of a table in MS Word 2021?

- A. Home tab > Paragraph group > Align Left
- B. Home tab > Paragraph group > Align Right
- C. Home tab > Paragraph group > Justify
- D. Right-click selection > Table Properties > Cell tab > Vertical alignment: Center ✓

Q44

ಈ ಕೆಳಗಿನ ಯಾವ ನೃತ್ಯ ಪ್ರಕಾರವನ್ನು ಮೊದಲು ಯಕ್ಷಗಾನ ಎಂಬ ಸಾಮಾನ್ಯ ಹೆಸರಿನಿಂದ ಕರೆಯಲಾಗುತ್ತಿತ್ತು?

- A. ಕಥಕ್
- B. ಮೋಹಿನಿಯಾಟ್ಟಂ
- C. ಭರತನಾಟ್ಯ
- D. ಕೂಚಿಪುಡಿ ✓

Q45

ಒಂದುವೇಳೆ '+' ಮತ್ತು '-' ಪರಸ್ಪರ ಅದಲುಬದಲಾದರೆ ಹಾಗೂ 'x' ಮತ್ತು '÷' ಪರಸ್ಪರ ಅದಲುಬದಲಾದರೆ, ಕೆಳಗಿನ ಸಮೀಕರಣದಲ್ಲಿರುವ ಪ್ರಶ್ನಾರ್ಥಕ ಚಿಹ್ನೆಯ (?) ಜಾಗದಲ್ಲಿ ಏನು ಬರುತ್ತದೆ?

$$81 \times 9 - 14 \div 2 + (60 \times 6) \div 3 - 49 + 15 = ?$$

- A. 64
- B. 32
- C. 56
- D. 41 ✓

Q46

The Economic Survey of India (2002–03) discusses the impact of globalisation after the 1991 reforms. Which strategy best reflects this influence when a district seeks to attract new industries?

- A. Enhancing agricultural subsidies
- B. Expanding industrial licensing
- C. Promoting domestic–foreign joint ventures ✓
- D. Restricting foreign financial institutions

Q47

Choose the correct statements about quadrilaterals from the ones given below.

- A. In an isosceles trapezium, the parallel sides are equal.
- B. Kite is a type of parallelogram.
- C. All squares are rhombus.
- D. The quadrilateral formed by joining the mid-points of the sides of any quadrilateral is a trapezium.

A. A, D

B. Only C ✓

C. A, B, D

D. B, C

Q48

A wire of resistance 10 ohms is cut into two equal pieces. If these pieces are connected in parallel, what is the equivalent resistance?

A. 5 ohms

B. 10 ohms

C. 20 ohms

D. 2.5 ohms ✓

Q49

Find the mean deviation about the mean for the data.

5, 10, 15, 20, 25.

A. 8

B. 5

C. 7

D. 6 ✓

Q50

The local self-government system under the Cholas is best reflected in the:

A. Hathigumpha Inscription

B. Allahabad Pillar Inscription

C. Uttaramerur Inscription ✓

D. Aihole Inscription



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Q51

ಸಿಂಧೂ ಕಣಿವೆಯ ನಾಗರಿಕತೆಯ ಈ ಕೆಳಗಿನ ಯಾವ ಸ್ಥಳದಲ್ಲಿ ಹಡಗುಕಟ್ಟೆಯ (dockyard) ಪತ್ತೆಯಾಗಿದೆ?

- A. ಮೊಹೆಂಜೋದಾರೋ
- B. ಕಾಲಿಬಂಗನ್
- C. ಹರಪ್ಪ
- D. ಲೋಥಾಲ್ ✓

Q52

ಈ ಕೆಳಗಿನ ಯಾವ ಆಯ್ಕೆಯು $27x^3 + 343y^3 + 189x^2y + 441xy^2$ ಗೆ ಸರಿಸಮಾನವಾಗಿದೆ?

- A. $(3x + 7y)^3$ ✓
- B. $(5x + 7y)^3$
- C. $(3x + 10y)^3$
- D. $(7x + 3y)^3$

Q53

If 12 workers can complete a wall in 18 days, in how many days will 8 workers complete it?

- A. 32 days
- B. 27 days ✓
- C. 36 days
- D. 30 days

Q54

An early 19th-century tribal uprising was organised in 1812 by Kerala's first agricultural tribe from the Wayanad region, resisting British agrarian exploitation. This revolt is known as the:

- A. Kadar Tribal Revolt
- B. Koya Viplavam
- C. Kurichiya Revolt ✓
- D. Kurumba Uprising

Q55

ನೀಡಿರುವ ರೇಖಾತ್ಮಕ ಸಮೀಕರಣಗಳ ವ್ಯವಸ್ಥೆಯು ಅಪರಿಮಿತ ಸಂಖ್ಯೆಯ ಪರಿಹಾರಗಳನ್ನು ಹೊಂದಿದೆ.

$$3x + 7y = 15$$

$$ax + by = 30$$

a ಮತ್ತು b ಗಳ ಮೌಲ್ಯಗಳು ಯಾವುವು?

- A. $a = 3; b = 7$
- B. $a = 7; b = 3$
- C. $a = 14; b = 6$
- D. $a = 6; b = 14$ ✓

Q56

ಈ ದತ್ತಾಂಶದ ಮಧ್ಯಾಂಕವನ್ನು ಕಂಡುಹಿಡಿಯಿರಿ: 4, 6, 8, 10, 12, 14.

- A. 11
- B. 8
- C. 9 ✓
- D. 10

Q57

The price of a shirt is increased by 20% and then decreased by 20%. What is the net percentage change in the price?

- A. 8% decrease
- B. 4% decrease ✓
- C. No change
- D. 0.4% increase

Q58

ಭಾರತದ ಸಂವಿಧಾನದ 75(3) ನೇ ಅನುಚ್ಛೇದದ ಅಡಿಯಲ್ಲಿ, ಯಾವ ಸಂಸ್ಥೆಯು ಲೋಕಸಭೆಗೆ ಸಾಮೂಹಿಕವಾಗಿ ಜವಾಬ್ದಾರವಾಗಿರುತ್ತದೆ?

- A. ಭಾರತದ ಹಣಕಾಸು ಆಯೋಗ
- B. ನೆಚಿವ ಸಂಪುಟ ✓
- C. ಭಾರತದ ಸರ್ವೋಚ್ಚ ನ್ಯಾಯಾಲಯ
- D. ರಾಜ್ಯಸಭೆ



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Q59

This question is based on the given words.

(Left) TON TAR DEV TAB (Right)

How many letters are there between the second letter of the second word from the right and the second letter of the first word from the left as per the English alphabetical order?

A. 9



B. 8

C. 7

D. 6

Q60

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. B is seated second to the right of H. B is not seated at the centre of any side. F is the immediate neighbour of E and B. D is seated third to the left of H. G is seated in a corner. C is seated second to the right of A. How many people are seated between D and A when counted from the left of D?

A. Five



B. Four

C. Three

D. One

Q61

Primary deficit is fiscal deficit minus:

A. Borrowings

B. Interest payments



C. Capital expenditure

D. Revenue deficit

Q62

Each of V, U, T, O, N, M and L was born in a different month viz. January, March, May, June, July, September and December of the same year, starting from January and ending in December.

Only two people are elder than M. Only two people were born between L and M. Only U is elder than O. T is elder than N but younger than V.

How many people were born between T and U?

A. Four

B. Three



C. Two

D. One

Q63

Which of the following regions of the world has the highest population density due to fertile plains, industrialisation, and urban development?

A. South and East Asia



B. Sahara Desert

C. Greenland

D. Amazon Basin

Q64

Which feature best distinguishes meristematic tissue from other plant tissues in terms of cell division and function?

A. Cells transport water and minerals throughout the plant

B. Cells divide actively and contribute to plant growth



C. Cells store vital nutrients and maintain reserves

D. Cells form a protective covering across plant surface



Q65

A question is given, followed by two statements labelled I and II. Identify which of the statements is/are sufficient to answer the question.

Among H, I, J, K, and L, who is the tallest?

(I) J is taller than H and I but shorter than K.

(II) L is shorter than K but taller than J.

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

Q66

ಭಾರತ ಸಂವಿಧಾನದ ಯಾವ ಅನುಚ್ಛೇದವು ಗ್ರಾಮ, ಮಧ್ಯಂತರ ಮತ್ತು ಜಿಲ್ಲಾ ಮಟ್ಟದಲ್ಲಿ ಪಂಚಾಯತ್ ನ ರಚನೆಯನ್ನು ನಿರ್ದಿಷ್ಟವಾಗಿ ಒದಗಿಸುತ್ತದೆ?

A. ಅನುಚ್ಛೇದ 243H

B. ಅನುಚ್ಛೇದ 243A

C. ಅನುಚ್ಛೇದ 243D

D. ಅನುಚ್ಛೇದ 243B

Q67

Five interior angles of a 10-sided figure are each 185 degrees. If the remaining five interior angles are equal, then each of the five angles (in degrees) is equal to:

A. 101

B. 107

C. 105

D. 103

Q68

The International Day for Disaster Risk Reduction (IDDRR) 2025 is observed under which theme?

A. Strengthening Early Warning Systems

B. Rebuilding Communities Together

C. Investing in Sustainable Futures

D. Fund Resilience, Not Disasters

Q69

Which application software allows users to immediately see the result of a change in data?

A. Presentation tool

B. Database software

C. Word processor

D. Spreadsheet

Q70

ಒಂದುವೇಳೆ '+' ಮತ್ತು '-' ಪರಸ್ಪರ ಅದಲುಬದಲಾದರೆ ಹಾಗೂ 'x' ಮತ್ತು '÷' ಪರಸ್ಪರ ಅದಲುಬದಲಾದರೆ, ಕೆಳಗಿನ ಸಮೀಕರಣದಲ್ಲಿರುವ ಪ್ರಶ್ನಾರ್ಥಕ ಚಿಹ್ನೆಯ (?) ಜಾಗದಲ್ಲಿ ಏನು ಬರುತ್ತದೆ?

$$42 \times 3 - 25 \div 5 + (56 \times 8) \div 2 - 24 = ?$$

A. 132

B. 158

C. 167

D. 149

Q71

L ಅವರು M ಅವರ ತಾಯಿ. M ಅವರು O ಅವರ ತಾಯಿ. O ಅವರು H ಅವರ ಸಹೋದರಿ. H ಅವರು P ಅವರ ಹೆಂಡತಿ. P ಅವರು F ಅವರ ತಂದೆ. F ಅವರು G ಅವರ ತಾಯಿ. ಹಾಗಾದರೆ M ಅವರು F ಅವರಿಗೆ ಹೇಗೆ ಸಂಬಂಧಿ?

A. ತಾಯಿಯ ತಾಯಿ

B. ತಂದೆಯ ಸಹೋದರಿ

C. ಸಹೋದರಿಯ ಮಗಳು

D. ತಾಯಿಯ ಸಹೋದರಿ

Q72

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

KDW 25, NGZ 35, QJC 55, TMF 95, WPI 175, ?

A. LSL 335

B. ZML 335

C. ZSG 335

D. ZSL 335



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Q73

Each of A, B, C, D, S, T and U was born in a different month viz. January, February, April, May, June, September and December of the same year starting from January and ending in December. D was born in June. Only S is younger than B. C is elder than T but younger than A. U was born in February. How many people were born between B and A?

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



Q74

9 is related to 117 following a certain logic. Following the same logic, 12 is related to 156. To which of the following is 17 related, following the same logic?

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

- A. 197
- B. 221
- C. 201
- D. 186



Q75

A sum of money triples itself at a certain rate of compound interest, compounded annually in 7 years. In how many years will it amount to 27 times of itself?

- A. 31 years
- B. 11 years
- C. 21 years
- D. 23 years



Q76

An object is placed 10 cm in front of a lens, and the image is formed at 30 cm on the same side as the object. What is the magnification produced by the lens?

- A. -3
- B. 3
- C. 0.3
- D. -0.3



Q77

Which of the following Boards will be established under the Sustainable Harnessing and Advancement of Nuclear Energy for Transforming India Act, 2025?

- A. National Nuclear Safety Board
- B. Nuclear Power Development Board
- C. Central Radiation Monitoring Board
- D. Atomic Energy Regulatory Board



Q78

Below are given two sets of numbers. In each set of numbers, a certain mathematical operation on first number results in the second number. Similarly, certain mathematical operation on second number results in the third number and so on. Which of the given options follows the same set of operations as that followed in the question?

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

5 – 5 – 25 – 125;

4 – 4 – 16 – 64

- A. 8 – 8 – 64 – 520
- B. 3 – 3 – 9 – 36
- C. 6 – 6 – 36 – 216
- D. 7 – 7 – 49 – 94



Q79

ಈ ಕೆಳಗಿನ ತ್ರಿವಳಿಗಳಲ್ಲಿ, ಅಕ್ಷರಗಳ ಪ್ರತಿಯೊಂದು ಗುಂಪು ಸಹ ಒಂದು ನಿರ್ದಿಷ್ಟ ತರ್ಕವನ್ನು ಅನುಸರಿಸಿ ಮುಂದಿನ ಅಕ್ಷರಗಳ ಗುಂಪಿಗೆ ಸಂಬಂಧಿಸಿದೆ. ನೀಡಿರುವ ಆಯ್ಕೆಗಳಿಂದ, ಅದೇ ತರ್ಕವನ್ನು ಅನುಸರಿಸುವ ಆಯ್ಕೆಯನ್ನು ಆರಿಸಿ.

BARS - ARBS - SRAB
FLAM - LAFM - MALF

A. MIND - INMD - INDM

B. KEAT - EAKT - TAEK

C. WAST - WSAT - TSAW

D. BALK - ABLK - KALB

Q80

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 is the one that does not belong to that group?

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

A. OSV

B. JOR

C. HMP

D. DIL

Q81

ಭಾರತದಲ್ಲಿನ ಈ ಕೆಳಗಿನ ಯಾವ ಸಂರಕ್ಷಣಾ ತಾಣವು ಒಂಟಿ ಕೊಂಬಿನ ಖಡ್ಗಮೃಗದ ಯಶಸ್ವಿ ಸಂರಕ್ಷಣೆಗೆ ಹೆಸರುವಾಸಿಯಾಗಿದೆ?

A. ಗಿರ್ ರಾಷ್ಟ್ರೀಯ ಉದ್ಯಾನವನ

B. ಪೆರಿಯಾರ್ ವನ್ಯಜೀವಿ ಅಭಯಾರಣ್ಯ

C. ಕಾಜಿರಂಗ ರಾಷ್ಟ್ರೀಯ ಉದ್ಯಾನವನ

D. ಸೈಲೆಂಟ್ ವ್ಯಾಲಿ ರಾಷ್ಟ್ರೀಯ ಉದ್ಯಾನವನ

Q82

ಒಮ್ಮೆರಾ ಅವರು F ಬಿಂದುವಿನಿಂದ ಪ್ರಾರಂಭಿಸಿ ದಕ್ಷಿಣಕ್ಕೆ 45 m ನಡೆಯುತ್ತಾರೆ. ನಂತರ ಅವರು ಎಡಕ್ಕೆ ತಿರುಗಿ 30 m ನಡೆಯುತ್ತಾರೆ, ನಂತರ ಎಡಕ್ಕೆ ತಿರುಗಿ 20 m ನಡೆಯುತ್ತಾರೆ ಮತ್ತು C ಬಿಂದುವನ್ನು ತಲುಪಿ ನಿಲ್ಲುತ್ತಾರೆ. ಅಂಜನ್ ಅವರು C ಬಿಂದುವಿನ ಉತ್ತರ ದಿಕ್ಕಿಗೆ 15 m ದೂರದಲ್ಲಿರುವ Q ಬಿಂದುವಿನಿಂದ ನಡೆಯಲು ಪ್ರಾರಂಭಿಸುತ್ತಾರೆ. ಅವರು ಪೂರ್ವಕ್ಕೆ 30 m ನಡೆಯುತ್ತಾರೆ, ನಂತರ ಎಡಕ್ಕೆ ತಿರುಗಿ 10 m ನಡೆಯುತ್ತಾರೆ ಮತ್ತು U ಬಿಂದುವಿನಲ್ಲಿ ನಿಲ್ಲುತ್ತಾರೆ. ಹಾಗಾದರೆ F ಬಿಂದು ಮತ್ತು U ಬಿಂದುವಿನ ನಡುವಿನ ಅತ್ಯಂತ ಕಡಿಮೆ ದೂರ ಎಷ್ಟು? (ಎಲ್ಲಾ ತಿರುವುಗಳು ಕೇವಲ 90° ತಿರುವುಗಳಾಗಿವೆ)

A. 60 m

B. 75 m

C. 25 m

D. 35 m

Q83

ಹೆಚ್ಚಿನ ತೇವಾಂಶ ಧಾರಣ ಸಾಮರ್ಥ್ಯದಿಂದಾಗಿ ಭಾರತದಲ್ಲಿ ಹತ್ತಿ ಕೃಷಿಗೆ ಯಾವ ರೀತಿಯ ಮಣ್ಣನ್ನು ಸಾಂಪ್ರದಾಯಿಕವಾಗಿ ಹೆಚ್ಚು ಸೂಕ್ತವೆಂದು ಪರಿಗಣಿಸಲಾಗುತ್ತದೆ?

A. ಹಿಮಾಲಯ ನದಿಗಳಿಂದ ಸಂಗ್ರಹವಾದ ಮೆಕ್ಕಲು ಮಣ್ಣು

B. ಶುಷ್ಕ ಪಶ್ಚಿಮ ಪ್ರದೇಶಗಳಲ್ಲಿ ಕಂಡುಬರುವ ಮರುಭೂಮಿ ಮಣ್ಣು

C. ಹೆಚ್ಚಿನ ಮಳೆ ಬೀಳುವ ಪ್ರದೇಶಗಳಲ್ಲಿ ಕಂಡುಬರುವ ಜಂಬಿಟ್ಟಿಗೆ ಮಣ್ಣು

D. ಜೇಡಿಮಣ್ಣು ಮತ್ತು ತೇವಾಂಶದಿಂದ ಸಮೃದ್ಧವಾಗಿರುವ ಕಪ್ಪು ಮಣ್ಣು

Q84

ಒಂದುವೇಳೆ 'P' ಎಂದರೆ 'x', 'Q' ಎಂದರೆ '÷', 'R' ಎಂದರೆ '-' ಮತ್ತು 'S' ಎಂದರೆ '+' ಆಗಿದ್ದರೆ, ಕೆಳಗಿನ ಸಮೀಕರಣದಲ್ಲಿನ ಪ್ರಶ್ನಾರ್ಥಕ ಚಿಹ್ನೆಯ '?' ಜಾಗದಲ್ಲಿ ಏನು ಬರುತ್ತದೆ?

(42 Q 6) P 5 S 7 P 11 R (64 Q 8) P 2 R 5 P 6 = ?

A. 54

B. 62

C. 66

D. 42



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Q85

A metallic sheet is of the rectangular shape with length 56 cm and width 40 cm. From each corner, a square of 10 cm is cut-off. A closed box is made of the remaining sheet. How many match boxes of length 4.0 cm breadth 2.0 cm and height 1.5 cm it can accommodate?

- A. 610 boxes
- B. 620 boxes
- C. 600 boxes
- D. 550 boxes

Q86

Carbon dioxide from the air or soil combines with water in a chemical weathering process known as which of the following?

- A. Carboration
- B. Carburation
- C. Carbonation
- D. Carboxylation

Q87

A person travels from place P to place Q to buy an article that costs 15% less at Q than at P. He spends ₹150 on travel and still saves ₹150 compared to buying the article at P. What is his percentage saving with respect to the price at P?

- A. 7.5%
- B. 3.5%
- C. 9%
- D. 4.5%

Q88

You have a large dataset and need to sort it frequently based on different columns. What is an efficient way to quickly access and apply different sorting criteria without repeatedly opening the "Sort" dialogue box?

- A. Add the "Sort" command to the Quick Access Toolbar and configure the sort settings each time.
- B. Manually select the desired column each time and use the quick sort buttons.
- C. Create Slicers for each column you want to sort by.
- D. Record a macro for each commonly used sort order.

Q89

A new pesticide reduces the insect population in an agricultural field. Predict the most likely impact on the field's food web, considering the roles of birds, plants, and decomposers.

- A. Bird populations may decline due to reduced insect prey, altering energy flow
- B. Plants population will decline dramatically due to lack of pollinators
- C. Decomposers will increase significantly due to more dead organic matter
- D. Energy flow will stop across all trophic levels within the ecosystem

Q90

A scientist observes a plant cell containing many colorless plastids in the storage tissue of a potato tuber. Which function is most likely associated with these plastids?

- A. Synthesizing red and yellow pigments
- B. Capturing sunlight to produce energy
- C. Producing amino acids for protein synthesis
- D. Storing starch produced through photosynthesis

Q91

ತೀವ್ರಗಾಮಿ ವಿಧಾನವು ಮಂದಗಾಮಿ ವಿಧಾನಕ್ಕಿಂತ ಭಿನ್ನವಾಗಿದೆ ಏಕೆಂದರೆ ಮುಖ್ಯವಾಗಿ ತೀವ್ರಗಾಮಿಗಳು ____.

- A. ಸರ್ಕಾರದೊಂದಿಗೆ ವಿಶೇಷ ಸಾಮಾನ್ಯ ಚರ್ಚೆಗಳನ್ನು ಪ್ರತಿಪಾದಿಸಿದರು
- B. ಸಾರ್ವಜನಿಕ ಕಲ್ಯಾಣಕ್ಕಾಗಿ ರಾಷ್ಟ್ರೀಯ ಆರ್ಥಿಕ ನೀತಿಗಳ ಬಳಕೆಯನ್ನು ವಿರೋಧಿಸಿದರು
- C. ಸಾಮಾನ್ಯ ಭಾಗವಹಿಸುವಿಕೆ ಮತ್ತು ನೇರ ರಾಜಕೀಯ ಆಂದೋಲನಕ್ಕೆ ಒತ್ತು ನೀಡಿದರು
- D. ಸ್ವರಾಜ್ಯಕ್ಕೆ ಏಕೈಕ ಮಾರ್ಗವಾಗಿ ಆಡಳಿತ ಸುಧಾರಣೆಗಳನ್ನು ಉತ್ತೇಜಿಸಿದರು



Q92

At the Coal India Inter-Company Powerlifting, Weightlifting, and Bodybuilding Championship 2025-26 held in Nagpur in October 2025, which team won the overall championship title?

A. WCL



B. MCL

C. SECL

D. SCCL

Q93

ಅಶೋಕ ಚಕ್ರವರ್ತಿಯ ಶಾಸನಗಳು ಪ್ರಧಾನವಾಗಿ ಈ ಕೆಳಗಿನ ಯಾವ ಲಿಪಿಯಲ್ಲಿ ರಚಿಸಲಾಗಿದೆ?

A. ಗುಪ್ತ ಲಿಪಿ

B. ದೇವನಾಗರಿ

C. ಖರೋಷ್ಠಿ

D. ಬ್ರಾಹ್ಮಿ



Q94

P, Q, S, T, Y and Z each scored different marks. Only two people have scored more than Y. Only S has scored less than P. T has scored more than Q but less than Z.

How many people have scored more than T?

A. Two

B. Four

C. Three

D. One



Q95

The symbol Z in atomic notation refers to:

A. Charge

B. Mass number

C. Atomic number



D. Neutron number

Q96

ಈ ಕೆಳಗಿನ ಸರಣಿಯಲ್ಲಿ ಪ್ರಶ್ನಾರ್ಥಕ ಚಿಹ್ನೆಯ (?) ಸ್ಥಾನದಲ್ಲಿ ಯಾವ ಆಯ್ಕೆ ಬರಬೇಕು?

111, 223, 449, 903, 1813, ?

A. 3536

B. 3036

C. 3630

D. 3635



Q97

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

$35 + 10 \times 2 - 15 \div 3 = ?$

A. 74

B. 76

C. 77

D. 75



Q98

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

$108 \times 4 - 13 + 4 \div 7 = ?$

A. 10

B. 16

C. 12



D. 14

Q99

ಕೆಳಗೆ ಕೊಟ್ಟಿರುವ ಸರಣಿಯನ್ನು ತಾರ್ಕಿಕವಾಗಿ ಪೂರ್ಣಗೊಳಿಸಲು ಸರಣಿಯಲ್ಲಿನ ಪ್ರಶ್ನಾರ್ಥಕ ಚಿಹ್ನೆಯ (?) ಜಾಗದಲ್ಲಿ ಯಾವ ಅಕ್ಷರ-ಸಂಖ್ಯಾ ಗುಚ್ಛವನ್ನು ಹಾಕಬೇಕು?

LTP25 MUQ36 NVR47 OWS58 ?

A. PXT68

B. PXT69



C. PXU69

D. PXU68



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Q100

A wholesaler offers a scheme discount of 2% on the total purchase if the customer buys more than 100 units of a product. If the price per unit is ₹20, what is the total amount payable if the customer buys 150 units?

A. ₹3,020

B. ₹2,980

C. ₹2,940



D. ₹3,000

Q101

Which of the following islands in Maharashtra is a UNESCO World Heritage site known for its ancient caves and 5th-century sculptures?

A. Salsette Island

B. Khanderi Island

C. Elephanta Island



D. Butcher Island

Q102

What is the primary advantage of converting an MS PowerPoint presentation to PDF format?

A. Significantly reduces file size while maintaining visual quality

B. Ensures universal viewing without requiring PowerPoint software



C. Enables cross-platform editing with multiple software applications

D. Automatically applies document encryption and password protection

Q103

Secret Mountain is a metahuman digital band conceived by whom?

A. Arijit Singh

B. Shreya Ghoshal

C. A.R. Rahman



D. Shankar Mahadevan

Q104

The largest four-digit number which when divided by 8, 7 and 11 leaves remainder 4 in each case is:

A. 9956

B. 9624

C. 9860



D. 9811

Q105

Which of the following rivers forms the largest drainage basin in India in terms of catchment area?

A. Narmada

B. Krishna

C. Ganga



D. Godavari

Q106

Shivam borrowed a sum of ₹30,000 at a certain rate of simple interest for 3 years. If he paid an interest of ₹4,500 at the end of the period at x% per annum rate of interest, the value of x is:

A. 5



B. 7

C. 4

D. 6

Q107

Which Article of the Indian Constitution strives to promote the welfare of the people by securing and protecting them as effectively?

A. Article 41

B. Article 40

C. Article 39

D. Article 38



Q108

ಒಬ್ಬ ಅಂಗಡಿಯವನು ₹40,000 ಗೆ ಒಂದು ಲ್ಯಾಪ್‌ಟಾಪ್ ಅನ್ನು ಖರೀದಿಸುತ್ತಾನೆ. ಅವನು ಮೊದಲು ಅದನ್ನು 20% ಲಾಭಕ್ಕೆ ಮಾರುತ್ತಾನೆ. ನಂತರ, ಖರೀದಿದಾರನು ಅದನ್ನು ಇನ್ನೊಬ್ಬ ವ್ಯಕ್ತಿಗೆ 10% ನಷ್ಟಕ್ಕೆ ಮಾರುತ್ತಾನೆ. ಹಾಗಾದರೆ ಲ್ಯಾಪ್‌ಟಾಪ್‌ನ ಅಂತಿಮ ಮಾರಾಟ ಬೆಲೆ ಎಷ್ಟು?

A. ₹50,000

B. ₹43,200 ☒

C. ₹42,000

D. ₹48,000

Q109

CM24 is related to HR26 in a certain way based on the English alphabetical order. In the same way, AT15 is related to FY17. To which of the following is CR12 related, following the same logic?

A. IW14

B. HV14

C. IV14

D. HW14 ☒**Q110**

Amit is standing on the ground and flying a kite using a 100 m long string at an angle of elevation of 30° . Nitin is standing on the roof of a building that is 10 m high and flying his kite at an angle of elevation of 45° . The two boys are standing on opposite sides of the point where the kites meet. Find the length (in m) of the string that Nitin must use so that both kites meet at the same point.

A. $50\sqrt{2}$ B. $50\sqrt{3}$ C. $40\sqrt{2}$ ☒D. $40\sqrt{3}$ **Q111**

Two concentric circles with a common centre 'O' have a chord AB on the outer circle, which intersects the inner circle at points C and D. If the distance of the chord from the centre is 3 cm, the outer radius is 13 cm and the inner radius is 7 cm, then the length (in cm) of AC is:

A. $4\sqrt{10}$ B. $5\sqrt{10}$ C. $2\sqrt{10}$ ☒D. $3\sqrt{10}$ 

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Q112

In this question, a group of number/symbol is coded using letter codes as per the codes given below and the conditions which follow. The correct combination of codes following the conditions is your answer. If none of the conditions follow, then codes for the respective Number/Symbol to be followed directly as given in the table.

Numb er/sy mbol	3	\$	5	1	@	%	2	&	+	7	#	8	4	6
Code	W	I	D	M	O	H	Z	T	G	S	U	E	X	V

Conditions:

- (i) If both first and last elements are symbols, the codes for these two (the first and the last elements) are to be interchanged.
- (ii) If the first element is an odd number and the last an even number, the first and last elements are to be coded as @.
- (iii) If both second and third elements are perfect squares, the third element is to be coded as the code for the second element.

What is the code for the following number-symbol group?

3 % @ 1 4

A. W M O H @

B. @ M O H @

C. W H O M X

D. @ H O M @



Q113

ಒಂದು ವೇಳೆ $10\sin A + \cos A = \sqrt{6} \sin A$ ಆಗಿದ್ದರೆ, $\tan A$ ಯ ಮೌಲ್ಯ ಎಷ್ಟು?

A. $\frac{-11 - \sqrt{6}}{96}$

B. $\frac{-10 - \sqrt{6}}{94}$

C. $\frac{-10 - \sqrt{6}}{96}$

D. $\frac{-10 - \sqrt{6}}{99}$

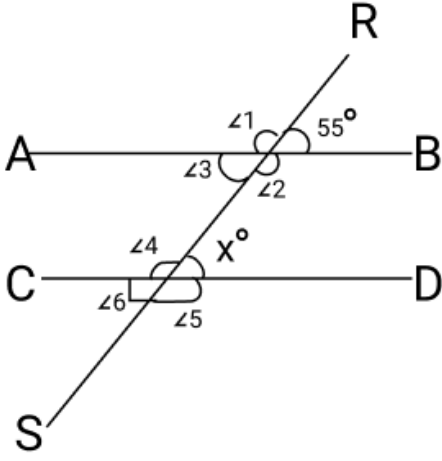


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Q114

ಕೊಟ್ಟಿರುವ ಚಿತ್ರದಲ್ಲಿ, AB ಬಾಹುವು CD ಗೆ ಸಮಾನಾಂತರವಾಗಿದೆ ಮತ್ತು RS ಒಂದು ಭೇದಕವಾಗಿದೆ. ಹಾಗಾದರೆ X ನ ಮೌಲ್ಯವನ್ನು ಕಂಡುಹಿಡಿಯಿರಿ.



A. 55



B. 45

C. 35

D. 65

Q115

Two cubes, each of volume 216 cm^3 , are joined end to end. Find the length of the diagonal of the resulting cuboid.

A. $7\sqrt{3} \text{ cm}$

B. $8\sqrt{7} \text{ cm}$

C. $5\sqrt{2} \text{ cm}$

D. $6\sqrt{6} \text{ cm}$



Q116

ಸರಳೀಕರಿಸಿ : $\frac{(2^4 \times 3^4 \times 5^4)}{(2^2 \times 3^2 \times 5^2)}$

A. 910

B. 900



C. 905

D. 909



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Q117

A ಅವರು ಒಂದು ಕೆಲಸವನ್ನು 9 ದಿನಗಳಲ್ಲಿ ಪೂರ್ಣಗೊಳಿಸಬಲ್ಲರು ಮತ್ತು ಅದೇ ಕೆಲಸವನ್ನು B ಅವರು 22 ದಿನಗಳಲ್ಲಿ ಪೂರ್ಣಗೊಳಿಸಬಲ್ಲರು. ಅವರು 2 ದಿನಗಳ ಕಾಲ ಒಟ್ಟಿಗೆ ಕೆಲಸ ಮಾಡಿದರೆ, ಕೆಲಸದ ಎಷ್ಟು ಭಾಗವು ಅಪೂರ್ಣವಾಗಿ ಉಳಿದಿರುತ್ತದೆ?

A. $\frac{71}{99}$

B. $\frac{73}{99}$

C. $\frac{68}{99}$

D. $\frac{76}{99}$

Q118

PQ ಮತ್ತು QR ಎಂಬ ಎರಡು ಸ್ಪರ್ಶಕರೇಖೆಗಳನ್ನು ಬಾಹ್ಯಬಿಂದು Q ನಿಂದ O ವೃತ್ತ ಕೇಂದ್ರಕ್ಕೆ ಎಳೆಯಲಾಗಿದೆ. ಒಂದುವೇಳೆ $OQ = 41$ cm, $\angle PQR = 60^\circ$ ಮತ್ತು ವೃತ್ತದ ತ್ರಿಜ್ಯವು 9 cm ಆಗಿದ್ದರೆ, ΔPRQ ನ ಸುತ್ತಳತೆಯನ್ನು ಕಂಡುಹಿಡಿಯಿರಿ.

A. 80 cm

B. 120 cm

C. 95 cm

D. 135 cm

Q119

ಈ ಕೆಳಗಿನ ಮಿಶ್ರ ಪುನರಾವರ್ತಕ ದಶಮಾಂಶಗಳಲ್ಲಿ x ನ ಮೌಲ್ಯ ಕಂಡುಹಿಡಿಯಿರಿ ಮತ್ತು ಸಿಗುವ ಪರಿಹಾರವನ್ನು ಸಾಮಾನ್ಯ ಭಿನ್ನರಾಶಿ ರೂಪದಲ್ಲಿ ವ್ಯಕ್ತಪಡಿಸಿ.
 $3x + 2.3666... = 5.4666...$

A. $\frac{31}{30}$

B. $\frac{31}{26}$

C. $\frac{29}{31}$

D. $\frac{31}{20}$

Q120

The base of a parallelogram is thrice its height. If the area of the parallelogram is 216 cm^2 , then find its height.

A. $6\sqrt{2}$ cm

B. $7\sqrt{2}$ cm

C. $8\sqrt{2}$ cm

D. $5\sqrt{2}$ cm



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