



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



Test Date	19/06/2025
Test Time	4:30 PM - 6:00 PM
Subject	RRB NTPC Graduate Level I

* Note

Correct Answer will carry 1 mark per Question.

Incorrect Answer will carry 1/3 Negative mark per Question.

- Options shown in green color with a tick icon are correct.
- Chosen option on the right of the question indicates the option selected by the candidate.

Section : RRB NTPC Graduate Level I

Q.1 Which of the following is a unit of the dimension 'length'?

- Ans
- ☒ 1. Joule
 - ☒ 2. Metre
 - ☒ 3. Ampere
 - ☒ 4. Kilogram

Q.2 KX 3 is related to OV -9 in a certain way. In the same way, IR 11 is related to MP -1. To which of the given options is JG -2 related, following the same logic?

- Ans
- ☒ 1. NE -14
 - ☒ 2. OE -14
 - ☒ 3. OF -13
 - ☒ 4. NF -15

Q.3 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.)
(36, 27, 41)
(45, 36, 50)

- Ans
- ☒ 1. (74, 65, 89)
 - ☒ 2. (61, 52, 56)
 - ☒ 3. (28, 19, 43)
 - ☒ 4. (53, 44, 58)

Q.4 Which of the following features is NOT typical of the Thar Desert?

- Ans
- ☒ 1. Shifting dunes
 - ☒ 2. Inland drainage
 - ☒ 3. Oases
 - ☒ 4. Dense evergreen forests

Q.5 The Red Shirt Movement, also known as Khudai Khidmatgar, was led by which Indian freedom fighter in the North-West Frontier Province?

- Ans
- ☒ 1. Subhas Chandra Bose
 - ☒ 2. Khan Abdul Ghaffar Khan
 - ☒ 3. Maulana Abul Kalam Azad
 - ☒ 4. Madan Mohan Malviya

Q.6 How does the writ jurisdiction of the High Courts differ from that of the Supreme Court?

- Ans**
- ☐ 1. High Courts can issue writs only against state governments, not the Centre.
 - ☒ 2. High Courts can issue writs for purposes beyond Fundamental Rights, unlike the Supreme Court.
 - ☐ 3. High Courts can issue writs only in appellate cases, not in original jurisdiction.
 - ☐ 4. High Courts require prior approval from the Supreme Court before issuing writs.

Q.7 Q, R, S, T, U, V and Y are sitting around a circular table facing the centre of the table. Y sits fourth to the left of S. R sits fourth to the right of T. Only two people sit between S and T when counted from the left of S. V is not an immediate neighbour of R or T. U is not an immediate neighbour of V. Who sits third to the right of Q?

- Ans**
- ☐ 1. Y
 - ☐ 2. T
 - ☐ 3. U
 - ☒ 4. R

Q.8 Which keyboard shortcut is used to copy selected text in MS Word 365?

- Ans**
- ☐ 1. Ctrl + V
 - ☒ 2. Ctrl + C
 - ☐ 3. Ctrl + X
 - ☐ 4. Ctrl + Z

Q.9 If the third proportional of 40 and Z is 10, then what is the positive value of Z?

- Ans**
- ☐ 1. 21
 - ☐ 2. 19
 - ☒ 3. 20
 - ☐ 4. 17

Q.10 In a certain code language, 'LOST' is coded as '6832' and 'SALT' is coded as '2136'. What is the code for 'A' in the given code language?

- Ans**
- ☐ 1. 3
 - ☐ 2. 6
 - ☒ 3. 1
 - ☐ 4. 2

Q.11 What should come in place of the question mark (?) in the given series?

1514 1513 1517 1508 1524 ?

- Ans**
- ☐ 1. 1478
 - ☒ 2. 1499
 - ☐ 3. 1476
 - ☐ 4. 1474

Q.12 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.

Statements:

All pulse are rice.

All rice are wheat.

All wheat are corn.

Conclusions:

(I) All pulse are corn.

(II) Some corn are rice.

- Ans**
- ☐ 1. Neither conclusion (I) nor (II) follows
 - ☒ 2. Both conclusions (I) and (II) follow
 - ☐ 3. Only conclusion (II) follows
 - ☐ 4. Only conclusion (I) follows

Q.13 If 3 is added to each even digit and 2 is added to each odd digit in the number 413257, what will be the sum of the first and last digits in the new number thus formed?

- Ans**
- ☐ 1. 14
 - ☐ 2. 12
 - ☐ 3. 10
 - ☒ 4. 16

Q.14 If the selling price of a bed is 2-times of initial, then the profit is 8-times of initial. Find the initial profit percentage (in %).

- Ans**
- ☐ 1. 300
 - ☐ 2. 400
 - ☐ 3. 25
 - ☒ 4. 16.67

Q.15 Simplify: $\left[\left(26 \div \frac{4}{2} \right) \times \left\{ 8 \div 2 \times \frac{12 - 2}{5} \right\} \div \{ 4 \times 4 \div 3 \} \right]$

- Ans**
- ☐ 1. 16.5
 - ☒ 2. 19.5
 - ☐ 3. 30
 - ☐ 4. 13

Q.16 Mr. Becks starts from Point A and drives 9 km towards the East. He then takes a right turn, drives 16 km, turns right and drives 28 km. He then takes a right turn and drives 21 km. He takes a final right turn, drives 19 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 only unless specified.)

- Ans**
- ☒ 1. 5 km to the South
 - ☐ 2. 3 km to the North
 - ☐ 3. 7 km to the South
 - ☐ 4. 1 km to the North

Q.17 Who were the 'Rajukas' during the Mauryan period?

- Ans**
- ☒ 1. Provincial officials
 - ☐ 2. Militias
 - ☐ 3. Craftsmen
 - ☐ 4. Army administrators

Q.18 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?
HKP22 ILQ31 JMR40 KNS49 ?

- Ans**
- ☐ 1. LOT59
 - ☒ 2. LOT58
 - ☐ 3. LOS59
 - ☐ 4. LOS58

Q.19 A, B, C, D, E and F live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on, till the topmost floor is numbered 6. B lives on an odd numbered floor but not 3. The sum of floors on which B and D live is 7. E lives immediately below F. C lives on the top floor. How many people live above E?

- Ans**
- ☐ 1. 2
 - ☐ 2. 4
 - ☒ 3. 3
 - ☐ 4. 1

Q.20 Consider the following statements regarding Operation Brahma, launched in March 2025.
The operation was launched by the Government of India to assist Myanmar and Thailand after a major earthquake.
Indian Navy ships Satpura and Savitri from the Eastern Naval Command sailed for Yangon with relief material.
The Indian Army deployed a 118-member medical task force from the Shatrujeet Brigade as part of the relief efforts.
A 60-bed Medical Treatment Centre was set up by the Indian Army in Thailand for trauma and emergency care.
Which of the above statements are correct?

- Ans**
- ☐ 1. Only 1 and 4
 - ☐ 2. Only 2 and 3
 - ☐ 3. 1, 2, 3 and 4
 - ☒ 4. Only 1, 2 and 3

Q.21 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

SPM 8, TQN 14, URO 20, VSP 26, ?

- Ans**
- ☐ 1. WQM 30
 - ☐ 2. XPM 30
 - ☒ 3. WTQ 32
 - ☐ 4. XRN 32

Q.22 Which two numbers should be interchanged to make the following equation correct? (Note: The entire number should be interchanged and not individual digits of a given number.)

$$24 \times 3 + (32 \div 4) - 10 \times 8 + 26 = 196$$

- Ans**
- ☐ 1. 4 and 8
 - ☐ 2. 26 and 24
 - ☒ 3. 3 and 8
 - ☐ 4. 24 and 32

Q.23 A group of people consists of men, women and children. Among them, 20% are men, 30% are women and the rest are children, and their average weights are 50 kg, 40 kg and 30 kg, respectively. The average weight of the group (in kg) is:

- Ans**
- ☒ 1. 37
 - ☐ 2. 36
 - ☐ 3. 34
 - ☐ 4. 35

Q.24 Hiromi Kawakami's speculative fiction novel, shortlisted for the 2025 International Booker Prize, is titled:

- Ans**
- ☒ 1. Under the Eye of the Big Bird
 - ☐ 2. The Nakano Thrift Shop
 - ☐ 3. Strange Weather in Tokyo
 - ☐ 4. The Ten Loves of Nishino

Q.25 Which of the following numbers is divisible by 44?

- Ans**
- ☐ 1. 3379
 - ☐ 2. 2967
 - ☐ 3. 3550
 - ☒ 4. 3344

Q.26 A water tank can be filled in 19 minutes by using 39 pipes of the same capacity. In how many minutes (rounded off to two decimal places) will the water tank be filled if we use 23 pipes of the same capacity as above?

- Ans**
- ☐ 1. 24.73
 - ☒ 2. 32.22
 - ☐ 3. 27.49
 - ☐ 4. 37.03

Q.27 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.
(NOTE: All numbers are single digit numbers only.)

(Left) 4 \$ 4 2 2 7 4 1 8 € 6 9 3 £ 3 £ 9 @ % 9 # £ (Right)

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

- Ans**
- ☐ 1. 3
 - ☐ 2. 1
 - ☒ 3. 2
 - ☐ 4. 4

Q.28 Kalpana and Sudha got 656 and 697 marks, respectively, in the same examination. If Kalpana scored 32% marks, then what is the percentage of marks scored by Sudha?

- Ans**
- ☐ 1. 32%
 - ☐ 2. 35%
 - ☒ 3. 34%
 - ☐ 4. 37%

Q.29 The sides of a triangle are 109 cm, 171 cm, and 100 cm. What is the length (in cm) of its altitude corresponding to the side with a length of 171 cm?

- Ans**
- ☐ 1. 94
 - ☐ 2. 49
 - ☒ 3. 60
 - ☐ 4. 82

Q.30 According to World Bank's State of Social Protection Report 2025, as of 2022, how many people in low- and middle-income countries lacked adequate social protection coverage?

- Ans**
- ☐ 1. 04 billion
 - ☒ 2. 02 billion
 - ☐ 3. 05 billion
 - ☐ 4. 03 billion

Q.31 What is the median of the following data?

15, 70, 34, 37, 25, 36, 74, 36, 54, 78, 33

- Ans
- ☐ 1. 37
 - ☒ 2. 36
 - ☐ 3. 35.5
 - ☐ 4. 36.5

Q.32 The average of first 17 multiples of 13 is:

- Ans
- ☐ 1. 127
 - ☐ 2. 137
 - ☒ 3. 117
 - ☐ 4. 128

Q.33 If $a + b = 50$, and $a - b = 21$, find the value of $(a + b)^2$.

- Ans
- ☐ 1. 2466
 - ☒ 2. 2500
 - ☐ 3. 2504
 - ☐ 4. 2456

Q.34 At STP, the number of molecules present in 5.6 L of O_2 gas is:

- Ans
- ☐ 1. 2.24×10^{23}
 - ☐ 2. 1.5055×10^{23}
 - ☐ 3. 6.022×10^{23}
 - ☒ 4. 3.011×10^{23}

Q.35 Privatisation can be partial, involving minority shareholding by the private sector. What is the government's shareholding threshold in a PSU for it to be considered privatised?

- Ans
- ☐ 1. 51%
 - ☐ 2. More than 50%
 - ☐ 3. 75%
 - ☒ 4. Less than 51%

Q.36 Skill development became crucial in aligning the workforce with economic needs. Which flagship program was launched in 2015 to improve employability through skill training?

- Ans
- ☐ 1. Kaushal Bharat
 - ☒ 2. Skill India Mission
 - ☐ 3. Digital Literacy Program
 - ☐ 4. Ujjwala Yojana

Q.37 What does PCB stand for in electronics?

- Ans
- ☐ 1. Power Circuit Board
 - ☐ 2. Personal Control Board
 - ☐ 3. Portable Control Base
 - ☒ 4. Printed Circuit Board

Q.38 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 ::?

: OSR :: JNM : %

- Ans**
- ☐ 1. # = ROU, % = GKQ
 - ☐ 2. # = IUU, % = GBQ
 - ☐ 3. # = UQU, % = GOZ
 - ☒ 4. # = RVU, % = GKJ

Q.39 What is the range of the Hansa NG trainer aircraft launched in 2025?

- Ans**
- ☐ 1. 1,000 nautical miles
 - ☐ 2. 800 nautical miles
 - ☐ 3. 400 nautical miles
 - ☒ 4. 620 nautical miles

Q.40 The Ajanta caves have been mentioned in the accounts of which of the following travellers?

- Ans**
- ☐ 1. Ibn-Battuta
 - ☒ 2. Hiuen Tsang
 - ☐ 3. Domingo Paes
 - ☐ 4. Megasthenes

Q.41 Which of the following is the greatest number that divides 137 and 198 and leaves 7 and 3 as respective remainders?

- Ans**
- ☐ 1. 67
 - ☐ 2. 68
 - ☒ 3. 65
 - ☐ 4. 71

Q.42 An article's cost price is ₹300, and the marked price is mentioned as ₹1,032. What is the profit percentage of the seller if he sells it by allowing a discount of 50% on the marked price?

- Ans**
- ☐ 1. 69%
 - ☐ 2. 73%
 - ☐ 3. 70%
 - ☒ 4. 72%

Q.43 This question is based on the five, three-digit numbers given below.

(Left) 514 414 422 875 167 (Right)

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

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

What will be the resultant if the second digit of the highest number is subtracted from the second digit of the lowest number?

- Ans**
- ☐ 1. -2
 - ☐ 2. 2
 - ☒ 3. -1
 - ☐ 4. 0

Q.44 If 14, 7, 12, and y are in proportion, then the value of y is:

- Ans**
- ☐ 1. 10
 - ☒ 2. 6
 - ☐ 3. 16
 - ☐ 4. 2

Q.45 In Carnatic music, the concluding part of 'Pallavi' is usually known as:

- Ans**
- ☒ 1. Ragamalika
 - ☐ 2. Varnam
 - ☐ 3. Anu Pallavi
 - ☐ 4. Thanam

Q.46 Who was 'Young Raja' in the context of Khond Uprising in Odisha?

- Ans**
- ☐ 1. Maganlal Bhukhan
 - ☒ 2. Chakra Bisoi
 - ☐ 3. U Tirot Singh
 - ☐ 4. Jetha Madhavji

Q.47 Which group gained increased importance in the post-Gupta society due to land grants?

- Ans**
- ☐ 1. Shudras
 - ☐ 2. Kshatriyas
 - ☐ 3. Vaishyas
 - ☒ 4. Brahmins

Q.48 The length of a rectangular field is $\left(\frac{2a+2\sqrt{5}}{4}\right)$ m and breadth is $\left(\frac{a-\sqrt{5}}{2}\right)$ m. Find the area of the rectangular field.

- Ans**
- ☐ 1. $\left(\frac{a^2-5}{2}\right) \text{ m}^2$
 - ☒ 2. $\left(\frac{a^2-5}{4}\right) \text{ m}^2$
 - ☐ 3. $\left(\frac{a^2+5}{2}\right) \text{ m}^2$
 - ☐ 4. $\left(\frac{a^2+5}{4}\right) \text{ m}^2$

Q.49 Under whose administration was the practice of Sati officially abolished in British India?

- Ans**
- ☐ 1. Lord Cornwallis
 - ☐ 2. Lord Canning
 - ☐ 3. Lord Dalhousie
 - ☒ 4. Lord William Bentinck

Q.50 In MS Word, when a user wants to move a block of text from one part of a document to another, which of the following sequences of actions should be performed?

- Ans**
- ☐ 1. Type the text → Save it → Retype it at the new location
 - ☐ 2. Copy the text → Paste the text at the desired location
 - ☒ 3. Cut the text → Paste the text at the desired location
 - ☐ 4. Highlight the text → Save it → Open it in another document

Q.51 The ratio of three numbers is 10 : 15 : 13. If 10 percent of the first number is 66, what would be 50 percent of the difference of the third and second number?

- Ans**
- ☐ 1. 65
 - ☒ 2. 66
 - ☐ 3. 64
 - ☐ 4. 68

Q.52 A group of numbers and symbols is coded using letter codes as per the codes given below and the conditions that follow. Study the given codes and conditions and answer the question that follows.

Note: If none of the conditions apply, then codes for the respective number/symbol are to be followed directly as given in the table.

Number/Symbol	4	@	7	#	3	&	8	*	2	^	9
s											
Code	H	A	J	B	K	C	L	D	M	E	N

Conditions:

- i) If the first element is a number and the last a symbol, the codes for these two (the first and the last elements) are to be interchanged.
- ii) If the first element is an even number and the last an odd number, the first and last elements are to be coded as .
- iii) If both the second and third elements are perfect cubes, then the code of the second element will be the code of the third element.

What will be the code for the following group?

348@

- Ans**
- ☐ 1. KHLA
 - ☐ 2. KLHA
 - ☐ 3. ALHK
 - ☒ 4. AHLK

Q.53 Each of the digits in the number 7234169 is arranged in ascending order from left to right. The position(s) of how many digits will remain unchanged as compared to that in the original number?

- Ans**
- ☐ 1. 2
 - ☐ 2. 1
 - ☒ 3. 4
 - ☐ 4. 3

Q.54 Chemical fertilisers were used intensively during the Green Revolution. What was the result of their overuse?

- Ans**
- ☐ 1. Higher pest resistance
 - ☐ 2. Crop diversification
 - ☐ 3. Flooding
 - ☒ 4. Soil salinity

Q.55 This question is based on the five, three-digit numbers given below.

(Left) 307 485 194 237 937 (Right)

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

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

What will be the resultant if the third digit of the highest number is subtracted from the first digit of the lowest number?

- Ans**
- ☐ 1. -7
 - ☐ 2. -3
 - ☒ 3. -6
 - ☐ 4. -5

Q.56 From 10 to 12 April 2025, the 9th edition of the Global Technology Summit (GTS) was held in which city?

- Ans
- ☐ 1. Lucknow
 - ☐ 2. Jaipur
 - ☐ 3. Chandigarh
 - ☒ 4. New Delhi

Q.57 As of April 2025, what growth percentage of Gross Domestic Product (GDP) for 2025-26 is projected by the Reserve Bank of India?

- Ans
- ☒ 1. 6.5%
 - ☐ 2. 5%
 - ☐ 3. 6.3%
 - ☐ 4. 4.5%

Q.58 If $\Delta ABC \cong \Delta PQR$, such that $\angle ABC = 77^\circ$, $\angle BCA = (x - y)^\circ$, $AC = 48$ cm, $\angle PQR = (3x - 4)^\circ$, $PR = x + 3y$, then find the value of $\angle QRP$.

- Ans
- ☐ 1. 28°
 - ☐ 2. 32°
 - ☐ 3. 23°
 - ☒ 4. 20°

Q.59 Find the median from the following data.

Age in years	15-25	25-35	35-45	45-55	55-65	65-75	75-85
No. of patients	11	18	22	30	40	16	33

- Ans
- ☐ 1. 45 years
 - ☐ 2. 74 years
 - ☒ 3. 56 years
 - ☐ 4. 58 years

Q.60 Z is the wife of S. M and C are daughters of S. T is the daughter of C. How is M related to T?

- Ans
- ☒ 1. Mother's sister
 - ☐ 2. Mother's mother
 - ☐ 3. Mother's wife
 - ☐ 4. Mother

Q.61 If at the same rate of interest, in 2 years, the simple interest is ₹40 and compound interest, compounded annually, is ₹41, then what is the principal (in ₹)?

- Ans
- ☒ 1. 400
 - ☐ 2. 395
 - ☐ 3. 393
 - ☐ 4. 404

Q.62 NKGO is related to LIEM in a certain way based on the English alphabetical order. In the same way, QNJR is related to OLHP. To which of the given options is TQMU related, following the same logic?

- Ans
- ☐ 1. ORSK
 - ☐ 2. ROSK
 - ☒ 3. ROKS
 - ☐ 4. ORKS

Q.63 Find the simple interest (in ₹) on ₹2,000 at 5.75% per annum rate of interest for the period from 15 February 2023 to 29 April 2023.

- Ans**
- ☐ 1. 24
 - ☐ 2. 21
 - ☐ 3. 22
 - ☒ 4. 23

Q.64 What is the primary objective of the 'Sahkar' taxi service, launched by the Indian government in March 2025?

- Ans**
- ☐ 1. To establish a government-owned ride-hailing monopoly
 - ☐ 2. To empower drivers through a cooperative, profit-sharing model
 - ☐ 3. To provide free taxi services to senior citizens
 - ☒ 4. To replace all existing private taxi services in India

Q.65 Mr. Z starts from Point Y and drives 12 km towards the north. He then takes a left turn, drives 2 km, turns right and drives 1 km. He then takes a left turn and drives 14 km. He takes a final left turn, drives 13 km and stops at Point X. How far (shortest distance) and towards which direction should he drive in order to reach Point Y again? (All turns are 90-degree turns only unless specified.)

- Ans**
- ☐ 1. 14 km towards the west
 - ☐ 2. 13 km towards the north
 - ☐ 3. 11 km towards the south
 - ☒ 4. 16 km towards the east

Q.66 Which of the following statements about Printed Circuit Boards (PCBs) is INCORRECT?

- Ans**
- ☒ 1. PCBs serve only desktop computers and not portable devices.
 - ☐ 2. PCBs hold and connect electronic components using conductive tracks.
 - ☐ 3. PCBs provide a base to support and organize hardware parts.
 - ☐ 4. Complex devices may use multilayer PCBs to fit more circuitry.

Q.67 A and B complete a work in 18 days. If A alone can do it in 24 days, then B alone can do one-fourth of the same work in _____ days.

- Ans**
- ☒ 1. 18
 - ☐ 2. 72
 - ☐ 3. 36
 - ☐ 4. 54

Q.68 Which of the following events was part of the 15th National Voters' Day celebrations held in January 2025?

- Ans**
- ☒ 1. Presentation of best electoral practices awards
 - ☐ 2. Launch of digital voting machines
 - ☐ 3. Introduction of online voter ID application
 - ☐ 4. Announcement of new electoral boundaries

Q.69 Financial inclusion has been a major goal of post-1991 economic reforms in India. Which of the following flagship schemes was launched in 2014 to promote financial inclusion through universal access to banking facilities?

- Ans**
- ☐ 1. National Rural Livelihood Mission (NRLM)
 - ☒ 2. Pradhan Mantri Jan Dhan Yojana (PMJDY)
 - ☐ 3. Atal Pension Yojana (APY)
 - ☐ 4. Pradhan Mantri MUDRA Yojana (PMMY)

Q.70 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. V has the exam on Wednesday. Only one person has the exam after T. P has the exam immediately after R, but not on Tuesday. S has the exam immediately before U.

How many people have exams between P and Q?

- Ans
- ☐ 1. Two
 - ☐ 2. Three
 - ☒ 3. One
 - ☐ 4. Four

Q.71 The Northern Plains of India have been primarily formed by which of the following processes?

- Ans
- ☒ 1. Deposition of alluvium
 - ☐ 2. Volcanic eruption
 - ☐ 3. Glacial erosion
 - ☐ 4. Tectonic uplift

Q.72 The speed of a boat in still water is 17 km/hr and the speed of the stream is 16 km/hr. A man rows to a place at a distance of 26.4 km and comes back to the starting point. Find the total time (in hours) taken by him.

- Ans
- ☐ 1. 23.4
 - ☐ 2. 17.8
 - ☐ 3. 25.4
 - ☒ 4. 27.2

Q.73 If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 1845637, what will be the sum of the digits that are second from the left and second from the right?

- Ans
- ☐ 1. 6
 - ☒ 2. 10
 - ☐ 3. 12
 - ☐ 4. 8

Q.74 What powers and responsibilities were granted to Panchayati Raj Institutions through the 73rd Constitutional Amendment Act of 1992?

- Ans
- ☐ 1. Full autonomy from State
 - ☒ 2. Constitutional status and protection
 - ☐ 3. Direct control over the armed forces in rural areas
 - ☐ 4. Power to override state legislations in matters of local importance

Q.75 If $3 \cot A = 2$, then find the value of $\sqrt{\frac{3(\operatorname{cosec}^2 A - 1)}{(\sec^2 A - 1)}}$.

- Ans
- ☐ 1. $\frac{2\sqrt{3}}{9}$
 - ☐ 2. $\frac{2\sqrt{3}}{3}$
 - ☒ 3. $\frac{4\sqrt{3}}{9}$
 - ☐ 4. $\frac{4\sqrt{3}}{3}$

Q.76 An award made by a Lok Adalat has the same status as a _____.

- Ans**
- ☐ 1. Supreme Court order
 - ☐ 2. High Court judgement
 - ☐ 3. Magistrate's order
 - ☒ 4. Civil Court decree

Q.77 Find the effective price percentage of the marked price after three consecutive discounts of 8%, 17% and 17%. (Rounded up to two decimal places.)

- Ans**
- ☐ 1. 64.53%
 - ☐ 2. 64.71%
 - ☒ 3. 63.38%
 - ☐ 4. 64.51%

Q.78 UQNV is related to SOLT in a certain way based on the English alphabetical order. In the same way, XTQY is related to VROW. To which of the given options is RNKS related, following the same logic?

- Ans**
- ☒ 1. PLIQ
 - ☐ 2. PLQI
 - ☐ 3. LPIQ
 - ☐ 4. LPQI

Q.79 Which of the following is the most effective method for organizing files and folders in a computer's operating system?

- Ans**
- ☒ 1. Creating a logical folder structure that reflects the content, using clear, descriptive names
 - ☐ 2. Naming files and folders with random characters to avoid confusion
 - ☐ 3. Renaming folders frequently to prevent them from becoming cluttered
 - ☐ 4. Storing all files and folders in one directory to save space

Q.80 As of February 2025, how many Khelo India Centres have been established across India for training athletes?

- Ans**
- ☐ 1. 1511
 - ☐ 2. 1205
 - ☒ 3. 1041
 - ☐ 4. 2021

Q.81 Which transport initiative aims to link India with Thailand and Myanmar under India's Act East Policy?

- Ans**
- ☐ 1. Mekong–Ganga Corridor
 - ☐ 2. East Coast Economic Corridor
 - ☒ 3. IMT Trilateral Highway
 - ☐ 4. Kaladan Project

Q.82 What should come in place of the question mark (?) in the given series?

277, 254, 221, ?, 125, 62

- Ans**
- ☐ 1. 188
 - ☐ 2. 158
 - ☒ 3. 178
 - ☐ 4. 168

Q.83 What was the cutoff date for migrants to be eligible under the Citizenship (Amendment) Act, 2019 (CAA)?

- Ans**
- ☐ 1. January 26, 1950
 - ☒ 2. December 31, 2014
 - ☐ 3. March 31, 2020
 - ☐ 4. August 15, 1947

Q.84 Convectional rainfall is common in which part of India during the pre-monsoon period?

- Ans**
- ☐ 1. Western Ghats
 - ☐ 2. Kerala coast
 - ☒ 3. Chhota Nagpur Plateau
 - ☐ 4. Eastern Himalayas

Q.85 In January 2025, India mourned the loss of Dr K.S. Manilal, a pioneering scientist in which of the following fields?

- Ans**
- ☒ 1. Botany
 - ☐ 2. Environmental Engineering
 - ☐ 3. Astronomy
 - ☐ 4. Marine Biology

Q.86 In lipid biochemistry, why do unsaturated fatty acids tend to be liquid at room temperature?

- Ans**
- ☒ 1. The cis-double bonds introduce kinks, reducing van der Waals interactions.
 - ☐ 2. They have lower molecular weights than saturated fatty acids.
 - ☐ 3. They form ionic bonds that prevent solidification.
 - ☐ 4. Their double bonds increase molecular symmetry leading to less crystal packing.

Q.87 In a certain code language, 'CURE' is coded as '3527' and 'EATS' is coded as '1246'. What is the code for 'E' in the given code language?

- Ans**
- ☐ 1. 1
 - ☒ 2. 2
 - ☐ 3. 6
 - ☐ 4. 7

Q.88 A, B, C, D, E, F, and G are sitting around a circular table facing the centre. D sits to the immediate right of B. Only three people sit between D and E when counted from the left of D. Only three people sit between B and C. F sits to the immediate right of A. How many people sit between A and B when counted from the left of A?

- Ans**
- ☐ 1. One
 - ☐ 2. Two
 - ☐ 3. Three
 - ☒ 4. Four

Q.89 What is the maximum time limit for a co-operative society to conduct its annual general meeting after the close of the financial year?

- Ans**
- ☒ 1. 6 months
 - ☐ 2. 9 months
 - ☐ 3. 3 months
 - ☐ 4. 12 months

Q.90 15 chairs and 3 tables cost ₹7,800 and 14 chairs and 6 tables cost ₹9,200. What is the cost of 17 chairs and 18 tables?

- Ans
- ☐ 1. ₹17,598
 - ☐ 2. ₹17,604
 - ☒ 3. ₹17,600
 - ☐ 4. ₹17,596

Q.91 A man receives ₹7,915 per month as salary. He saves 20% of his salary every month. His expenditure per month is:

- Ans
- ☐ 1. ₹6,420
 - ☒ 2. ₹6,332
 - ☐ 3. ₹6,270
 - ☐ 4. ₹6,346

Q.92 Which novel by Chimamanda Ngozi Adichie portrays the interconnected lives of four African women?

- Ans
- ☐ 1. Americanah
 - ☐ 2. Purple Hibiscus
 - ☐ 3. Half of a Yellow Sun
 - ☒ 4. Dream Count

Q.93 A man takes 13 hours to swim 91 km downstream. He swims 39 km upstream in the same time. What is the speed (in km/hr) of the boat in still water?

- Ans
- ☒ 1. 5
 - ☐ 2. 8
 - ☐ 3. 1
 - ☐ 4. 9

Q.94 Let a be an odd positive integer. If the roots of a quadratic equation $x^2 - (a - 1)x + 4a + 7 = 0$ are integers, then the least value of a is:

- Ans
- ☐ 1. 25
 - ☐ 2. 19
 - ☒ 3. 21
 - ☐ 4. 23

Q.95 The volume of a right circular cylinder is 4851 cm^3 and its curved surface area is 462 cm^2 . If this cylinder is generated by rotating a rectangle about its length by 360° , what will be the perimeter (in cm) of this rectangle?

$$\text{Use } \pi = \frac{22}{7}$$

- Ans
- ☐ 1. 53
 - ☒ 2. 49
 - ☐ 3. 43
 - ☐ 4. 47

Q.96 N, I, G, H, T and S live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on till the topmost floor is numbered 6. Only H lives below G. Only I lives above S. T lives immediately below S. Who lives on floor numbered 3?

- Ans
- ☐ 1. T
 - ☒ 2. N
 - ☐ 3. H
 - ☐ 4. S

Q.97 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.)

- Ans**
- ☐ 1. BURM
 - ☐ 2. QJGB
 - ☐ 3. HAXS
 - ☒ 4. TMJF

Q.98 Which latitude passes through the Rann of Kutch?

- Ans**
- ☒ 1. 23.5°N
 - ☐ 2. 25°N
 - ☐ 3. 20°N
 - ☐ 4. 18°N

Q.99 In a circle, two chords, AB and CD, measuring 14 cm and 6 cm, respectively, are parallel to each other on the same side of the centre. If the distance between them is 4 cm, find the length (in cm) of the diameter of the circle.

- Ans**
- ☐ 1. $2\sqrt{29}$
 - ☒ 2. $2\sqrt{58}$
 - ☐ 3. $\sqrt{58}$
 - ☐ 4. $\sqrt{29}$

Q.100 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.)

- Ans**
- ☐ 1. UP – CW
 - ☐ 2. JE – RL
 - ☐ 3. BW – JD
 - ☒ 4. DY – LE