



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



| | |
|-----------|---------------------------|
| Test Date | 24/06/2025 |
| 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.

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

Section : RRB NTPC Graduate Level I

Q.1 If $m = a \cos^3 \beta$ and $n = b \sin^3 \beta$, then find the value of $\left\{ \frac{m}{a} \right\}^{\frac{2}{3}} + \left\{ \frac{n}{b} \right\}^{\frac{2}{3}}$.

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

Q.2 The LCM of 40, 78 and another number, x, is 7800. Which of the following can be the value of x?

- Ans
- ☒ 1. 180
 - ☒ 2. 200
 - ☒ 3. 127
 - ☒ 4. 152

Q.3 Which traditional method of Vedic chanting is regarded as the most complex and extensive among all the recitation styles?

- Ans
- ☒ 1. Jatapatha
 - ☒ 2. Shikhapatha
 - ☒ 3. Dandapatha
 - ☒ 4. Ghanapatha

Q.4 Which keyboard shortcut is used in MS PowerPoint 365 to start editing text inside a selected shape or text box?

- Ans
- ☒ 1. F5
 - ☒ 2. Ctrl + E
 - ☒ 3. Alt + Enter
 - ☒ 4. F2

Q.5 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

DJ26 EK37 FL48 GM59 ?

- Ans
- ☒ 1. HM71
 - ☒ 2. HN70
 - ☒ 3. HM70
 - ☒ 4. HN71

Test Prime

**ALL EXAMS,
ONE SUBSCRIPTION**



70,000+
Mock Tests



**Personalised
Report Card**



**Unlimited
Re-Attempt**



600+
Exam Covered



**Previous Year
Papers**



**500%
Refund**



ATTEMPT FREE MOCK NOW

Q.6 Which of the following is the primary objective of the Sagarmala Project by the Ministry of Shipping?

- Ans
- ☐ 1. Coastal city modernisation
 - ☒ 2. Industrial corridor development
 - ☐ 3. Port-led development
 - ☐ 4. Inland waterway expansion

Q.7 What should come in place of the question mark (?) in the given series?
187, 173, 160, 148, 137, ?

- Ans
- ☒ 1. 127
 - ☐ 2. 117
 - ☐ 3. 131
 - ☐ 4. 129

Q.8 Seven people, A, B, C, D, S, T, and U are sitting in a row, facing north. No one sits to the right of D. Only three people sit between D and S. Only two people sit between S and T. C sits third to the left of U. A sits to the immediate right of U. How many people sit between B and T?

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

Q.9 Two sets of numbers are given below. In each set of numbers, certain mathematical operation(s) on the first number results in the second number. Similarly, certain mathematical operation(s) on the second number results in the third number and so on. Which of the given options follows the same set of operations as in the given sets? (NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding / subtracting / multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

10 - 20 - 30 - 60; 2 - 4 - 14 - 28

- Ans
- ☐ 1. 12 - 24 - 34 - 64
 - ☐ 2. 8 - 10 - 20 - 40
 - ☒ 3. 5 - 10 - 20 - 40
 - ☐ 4. 15 - 30 - 35 - 60

Q.10 Which of the following scenarios would most effectively necessitate the use of a three-dimensional reference within an MS Excel formula?

- Ans
- ☐ 1. Applying conditional formatting to a range of cells based on values in another worksheet within the same workbook
 - ☐ 2. Creating a chart that visualizes data points sourced from several different workbooks
 - ☒ 3. Summing values from a specific cell across a sequence of identically structured worksheets representing monthly data for a year
 - ☐ 4. Calculating the average sales figures across multiple non-contiguous worksheets for the same product category

Q.11 A shopkeeper fixes the marked price of an item 50% above its cost price. What percentage of discount on the marked price should be allowed to gain 8%?

- Ans
- ☐ 1. 29%
 - ☐ 2. 30%
 - ☒ 3. 28%
 - ☐ 4. 27%

Q.12 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 | 9 | 7 | 6 | - | 8 | @ | # | + | 2 | % | ÷ | 3 | 1 | & |
| Code | C | R | J | Z | L | F | I | Y | Q | P | V | S | U | E |

Conditions:
If the fourth element is a number, then it is to be coded as γ.
If the first element is a multiple of 3, then it is to be coded as β.
If the second and the fifth elements are symbols, then the codes for these two (the second and the fifth elements) are to be interchanged.
What will be the code for the following group?

9 # @ 2 7

- Ans
- ✗ 1. γIFβR
 - ✗ 2. βIFQR
 - ✗ 3. CIFQR
 - ✓ 4. βIFγR

Q.13 The mean proportional between $9 + 3\sqrt{7}$ and $18 - 6\sqrt{7}$ is:

- Ans
- ✓ 1. 6
 - ✗ 2. 1
 - ✗ 3. 13
 - ✗ 4. 9

Q.14 The success of the Green Revolution was dependent on institutional support. Which organisation played a key role in agricultural research and the dissemination of HYV seeds in India?

- Ans
- ✗ 1. DRDO
 - ✓ 2. ICAR
 - ✗ 3. NITI Aayog
 - ✗ 4. NABARD

Q.15 In a certain code language, 'LIKE' is coded as '5738' and 'TASK' is coded as '2819'. What is the code for 'K' in the given code language?

- Ans
- ✓ 1. 8
 - ✗ 2. 9
 - ✗ 3. 2
 - ✗ 4. 3

Q.16 A grocer marked his goods at 70% above the cost price and sold them at a discount of X%. If he gained 53% profit, then find the value of X.

- Ans
- ✗ 1. 11
 - ✗ 2. 9
 - ✓ 3. 10
 - ✗ 4. 7

Q.17 The Emperor of Gladness, set in East Gladness, Connecticut, is a 2025 novel by which author?

- Ans
- ☐ 1. Dan Brown
 - ☐ 2. Philip Pullman
 - ☒ 3. Ocean Vuong
 - ☐ 4. John Scalzi

Q.18 Sharad can complete a piece of work alone in 13 days and Varad can complete the same piece of work alone in 9 days. They started the work together, but Varad had to leave 11 days before the completion of the work. In how many days will the work complete?

- Ans
- ☐ 1. $9\frac{10}{11}$
 - ☐ 2. $10\frac{5}{11}$
 - ☒ 3. $11\frac{9}{11}$
 - ☐ 4. $12\frac{2}{11}$

Q.19 Which Indian Constitutional Amendment Act states about the minimisation of inequalities in income, status, facilities and opportunities as Directive Principle to State Policy?

- Ans
- ☒ 1. 44th Amendment Act of 1978
 - ☐ 2. 86th Amendment Act of 2002
 - ☐ 3. 42nd Amendment Act of 1976
 - ☐ 4. 97th Amendment Act of 2011

Q.20 The difference between an interior angle and an exterior angle of a regular polygon is 140°. Find the number of sides of the polygon.

- Ans
- ☐ 1. 15
 - ☐ 2. 16
 - ☒ 3. 18
 - ☐ 4. 20

Q.21 Which city hosted the 55th International Film Festival of India in November 2024?

- Ans
- ☐ 1. Bengaluru
 - ☐ 2. New Delhi
 - ☐ 3. Mumbai
 - ☒ 4. Panaji

Q.22 What should come in place of the question mark (?) in the given series?

4 8 15 27 46 ? 113

- Ans
- ☐ 1. 72
 - ☐ 2. 68
 - ☐ 3. 76
 - ☒ 4. 74

Q.23 Each of the digits in the number 7416385 is arranged in ascending order from left to right. The position(s) of how many digits will remain unchanged as compared to that/those in the original number?

- Ans
- ✓ 1. None
 - ✗ 2. Three
 - ✗ 3. Two
 - ✗ 4. One

Q.24 Find the value of $\frac{(0.06)^2 + (0.66)^2 + (0.666)^2}{(0.006)^2 + (0.066)^2 + (0.0666)^2}$.

- Ans
- ✗ 1. 60
 - ✗ 2. 600
 - ✗ 3. 10
 - ✓ 4. 100

Q.25 Who among the following was considered the first notable king of the Pushyabhuti dynasty, ruling from 580-605 CE?

- Ans
- ✗ 1. Rajyavardhana
 - ✓ 2. Prabhakaravardhana
 - ✗ 3. Harshavardhana
 - ✗ 4. Naravardhana

Q.26 Hitesh is three times as old as his son, and his daughter is 3 years younger than the son. If the sum of the ages of these three people 3 years ago was 123 years, then Hitesh's present age (in years) is:

- Ans
- ✓ 1. 81
 - ✗ 2. 72
 - ✗ 3. 88
 - ✗ 4. 91

Q.27 How are the proceedings and status of a Lok Adalat treated under Indian law?

- Ans
- ✗ 1. Proceedings are informal and not recognised under any law.
 - ✗ 2. Proceedings are advisory and Lok Adalat is not considered a civil court.
 - ✓ 3. Proceedings are judicial and Lok Adalat is deemed a civil court under CrPC.
 - ✗ 4. Proceedings are not judicial and have no legal standing in courts.

Q.28 If $x^2 + y^2 - 10x + 26y + 194 = 0$, then the value of $x^2 + y^2$ is:

- Ans
- ✗ 1. 190
 - ✓ 2. 194
 - ✗ 3. 198
 - ✗ 4. 200

Q.29 Who among the following launched the IndiaAI initiatives in 2025?

- Ans
- ✗ 1. Minister of Science and Technology
 - ✓ 2. Union IT Minister
 - ✗ 3. Prime Minister of India
 - ✗ 4. Director of IndiaAI Mission

| | |
|------|--|
| Q.30 | <p>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.</p> <p>Statements: All tanks are figs. No eagles are tanks. Some mugs are eagles.</p> <p>Conclusions: (I) Some figs are not eagles. (II) Some mugs are not tanks.</p> <p>Ans <input checked="" type="checkbox"/> 1. Only conclusion (I) follows. <input checked="" type="checkbox"/> 2. Both conclusions (I) and (II) follow. <input checked="" type="checkbox"/> 3. Neither conclusion (I) nor (II) follows. <input checked="" type="checkbox"/> 4. Only conclusion (II) follows.</p> |
| Q.31 | <p>If ‘P’ stands for ‘×’, ‘Q’ stands for ‘÷’, ‘R’ stands for ‘–’ and ‘S’ stands for ‘+’, then what will come in place of the question mark (?) in the following equation?</p> <p>(110 R 32) Q 2 S 9 P 4 R 21 = ?</p> <p>Ans <input checked="" type="checkbox"/> 1. 36 <input checked="" type="checkbox"/> 2. 22 <input checked="" type="checkbox"/> 3. 54 <input checked="" type="checkbox"/> 4. 48</p> |
| Q.32 | <p>S is the father of W. D is the only sister of W. R is the mother's mother of D. L, the mother of P, is married to S.</p> <p>How is P related to W?</p> <p>Ans <input checked="" type="checkbox"/> 1. Sister's husband <input checked="" type="checkbox"/> 2. Father's brother <input checked="" type="checkbox"/> 3. Brother <input checked="" type="checkbox"/> 4. Sister</p> |
| Q.33 | <p>The 1991 economic reforms in India led to rapid industrialisation and expansion of energy-intensive sectors. Which market-based mechanism has India adopted to balance industrial growth, energy efficiency and emissions?</p> <p>Ans <input checked="" type="checkbox"/> 1. Green GDP Accounting <input checked="" type="checkbox"/> 2. Food Security Act <input checked="" type="checkbox"/> 3. Perform, Achieve and Trade (PAT) scheme <input checked="" type="checkbox"/> 4. Make in India</p> |
| Q.34 | <p>Mohan can do a piece of work in 9 hours. Pramod can do it in 21 hours. With the assistance of Ashish, they completed the work in 6 hours. In how many hours can Ashish alone do twice the same work?</p> <p>Ans <input checked="" type="checkbox"/> 1. 251 <input checked="" type="checkbox"/> 2. 252 <input checked="" type="checkbox"/> 3. 254 <input checked="" type="checkbox"/> 4. 253</p> |
| Q.35 | <p>Which of the following components is included in the Pradhan Mantri Awas Yojana PMAY-U 2.0 scheme launched in 2024 to provide housing solutions specifically for migrants and workers?</p> <p>Ans <input checked="" type="checkbox"/> 1. Subsidy scheme <input checked="" type="checkbox"/> 2. Builders-led construction <input checked="" type="checkbox"/> 3. Affordable rental housing complexes <input checked="" type="checkbox"/> 4. Affordable housing for senior citizens</p> |

| | |
|------|---|
| Q.36 | Mr. RST starts from Point A and drives 16 km towards the south. He then takes a left turn, drives 6 km, turns left and drives 23 km. He then takes a left turn and drives 8 km, turns left and drives 3 km. He then takes a right turn and drives 4 km. He takes a final left turn, drives 4 km and stops at Point P. How far (shortest distance) and in which direction should he drive in order to reach Point A again? (All turns are 90-degree turns only unless specified) |
| Ans | <div><div><div>✗</div><div>1. 3 km to the west</div></div><div><div>✗</div><div>2. 5 km to the north</div></div><div><div>✓</div><div>3. 6 km to the east</div></div><div><div>✗</div><div>4. 2 km to the south</div></div></div> |
| Q.37 | Which of the following is an example of a Tier I city in India? |
| Ans | <div><div><div>✗</div><div>1. Jaipur</div></div><div><div>✗</div><div>2. Bhopal</div></div><div><div>✗</div><div>3. Amritsar</div></div><div><div>✓</div><div>4. Kolkata</div></div></div> |
| Q.38 | Raj spent ₹1,200, ₹1,300, ₹1,400, ₹1,100, ₹1,300 and ₹1,200 on six consecutive days of a trip. What was his average daily spending over these six days? |
| Ans | <div><div><div>✗</div><div>1. ₹1,300</div></div><div><div>✓</div><div>2. ₹1,250</div></div><div><div>✗</div><div>3. ₹1,150</div></div><div><div>✗</div><div>4. ₹1,350</div></div></div> |
| Q.39 | The simple interest (in ₹) on ₹2,200 at the rate of 5% per annum in 2 years is: |
| Ans | <div><div><div>✓</div><div>1. ₹220</div></div><div><div>✗</div><div>2. ₹320</div></div><div><div>✗</div><div>3. ₹170</div></div><div><div>✗</div><div>4. ₹270</div></div></div> |
| Q.40 | <p>This question is based on the five, three-digit numbers given below.</p> <p>(Left) 514 414 422 875 167 (Right)</p> <p>(Example: 697 – First digit = 6, second digit = 9 and third digit = 7)</p> <p>(Note: All operations to be done from left to right.)</p> <p>What will be the resultant if the second digit of the highest number is subtracted from the second digit of the lowest number?</p> |
| Ans | <div><div><div>✗</div><div>1. 2</div></div><div><div>✗</div><div>2. 1</div></div><div><div>✓</div><div>3. -1</div></div><div><div>✗</div><div>4. -2</div></div></div> |
| Q.41 | Seven boxes D, E, F, G, I, J and K are kept one over the other but not necessarily in the same order. Only three boxes are kept above G. Only one box is kept between J and G. Only three boxes are kept between J and K. K is kept at some place above G. E is kept immediately below K. F is kept at one of the places above D. I is not kept immediately above or below J. Which box is kept at the lowermost position? |
| Ans | <div><div><div>✗</div><div>1. K</div></div><div><div>✓</div><div>2. D</div></div><div><div>✗</div><div>3. G</div></div><div><div>✗</div><div>4. F</div></div></div> |

Q.42 In the following triads, each group of letters is related to the subsequent one following a certain logic. Select from the given options, the one that follows the same logic.

SAND - DSNA - SDAN
GUNT - TGNU - GTUN

- Ans
- ✓ 1. JUNK - KJNU - JKUN
 - ✗ 2. SEAL - ESAL - LEAS
 - ✗ 3. FEAR - RFEA - EARF
 - ✗ 4. POLE - EPLO - POEL

Q.43 If A varies directly as B, and A = 210 when B = 51, then find A when B = 136.

- Ans
- ✗ 1. 563
 - ✓ 2. 560
 - ✗ 3. 558
 - ✗ 4. 559

Q.44 Which Indian states does the Thar Desert primarily cover?

- Ans
- ✓ 1. Rajasthan and Gujarat
 - ✗ 2. Gujarat and Maharashtra
 - ✗ 3. Rajasthan and Punjab
 - ✗ 4. Rajasthan and Uttar Pradesh

Q.45 Which cytoskeletal protein is the major component of neurofilaments that helps maintain the caliber and integrity of large axons?

- Ans
- ✗ 1. Keratin protein
 - ✗ 2. Actin protein
 - ✓ 3. Neurofilament protein
 - ✗ 4. Tubulin protein

Q.46 In April 2025, India and Italy strengthened their strategic partnership by advancing cooperation in which of the following areas?

- Ans
- ✗ 1. Space exploration and agriculture
 - ✓ 2. Trade, defense, clean energy, and connectivity
 - ✗ 3. Education and healthcare
 - ✗ 4. Tourism and cultural exchange

Q.47 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 :: ?

: RMN :: TOP : %

- Ans
- ✓ 1. # = MHI, % = YTU
 - ✗ 2. # = MOU, % = YLU
 - ✗ 3. # = KJI, % = YMU
 - ✗ 4. # = NHI, % = YOK

Q.48 David ranked 19th from the top and 25th from the bottom in his class. How many students are there in his class?

- Ans
- ✗ 1. 42
 - ✓ 2. 43
 - ✗ 3. 44
 - ✗ 4. 45

Q.49 If the length of a cuboid is 4 cm, breadth is 46 cm and volume is 8832 cm^3 , then find the height (in cm) of the cuboid.

- Ans
- ☐ 1. 43
 - ☒ 2. 48
 - ☐ 3. 41
 - ☐ 4. 57

Q.50 Find the median from the following data.

| Age in years | 20-30 | 30-40 | 40-50 | 50-60 | 60-70 | 70-80 | 80-90 |
|-----------------|-------|-------|-------|-------|-------|-------|-------|
| No. of patients | 11 | 16 | 14 | 29 | 40 | 21 | 17 |

- Ans
- ☐ 1. 80 years
 - ☐ 2. 59 years
 - ☐ 3. 79 years
 - ☒ 4. 61 years

Q.51 In Windows 11 OS, which of the following is NOT allowed in a file or folder name?

- Ans
- ☐ 1. Hyphens (-)
 - ☒ 2. Symbols like asterisk (*) or question mark (?)
 - ☐ 3. Underscores (_)
 - ☐ 4. Letters and numbers

Q.52 What was the theme of Financial Literacy Week 2025 observed from 24 to 28 February?

- Ans
- ☒ 1. Financial Literacy - Women's Prosperity
 - ☐ 2. Credit Discipline and Credit from Formal Institutions
 - ☐ 3. Go Digital, Go Secure
 - ☐ 4. Financial Literacy: A Step Towards Empowerment

Q.53 The most important source for Samudragupta's reign is:

- Ans
- ☐ 1. Milindapanho
 - ☒ 2. Prayagraj Prashasti
 - ☐ 3. Arthashastra
 - ☐ 4. Vishnu Purana

Q.54 If $72 \div 18 \times 3^2 - 21 \times 12 \div 3 + 12 = z$, then find value of z.

- Ans
- ☐ 1. -28
 - ☐ 2. -44
 - ☐ 3. -31
 - ☒ 4. -36

Q.55 Zakir starts from Point A and drives 7 km towards the South. He then takes a left turn, drives 2 km, turns right and drives 7 km. He then takes a left turn and drives 11 km. He then takes a left turn and drives 8 km. He then takes a left turn and drives 2 turns. He takes a final right turn, drives 6 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90 degrees turns only unless specified.)

- Ans
- ☐ 1. 10 km to the West
 - ☐ 2. 9 km to the West
 - ☒ 3. 11 km to the West
 - ☐ 4. 13 km to the West

Q.56 What are the units for base quantities called?

- Ans
- ☐ 1. Standard basic units
 - ☒ 2. Fundamental or base units
 - ☐ 3. Basic constants
 - ☐ 4. Derived basic units

Q.57 On a circular path of 2742 m, Riya and Trisha start walking from the same point but in opposite directions at the speed of 4.6 m/s and X m/s, respectively. They will meet for the first time after 457 seconds. Find the value of X.

- Ans
- ☐ 1. 0.8
 - ☐ 2. 2.2
 - ☐ 3. 1.1
 - ☒ 4. 1.4

Q.58 A man has to cover a distance of 387 km in 18 hours. If he covers two – third of this distance in $\frac{6}{9}$ of the time, then what should his speed (in km/hr) be to cover the remaining distance in the time left?

- Ans
- ☒ 1. 21.5
 - ☐ 2. 6.3
 - ☐ 3. 23.7
 - ☐ 4. 10.7

Q.59 Who elects the members of the Estimates Committee in the Indian Parliament?

- Ans
- ☐ 1. Members of the Rajya Sabha
 - ☐ 2. Prime Minister
 - ☒ 3. Members of the Lok Sabha
 - ☐ 4. President of India

Q.60 This question is based on the five, three-digit numbers given below.

(Left) 103 678 217 111 537 (Right)

(Example: 697 – First digit = 6, second digit = 9 and third digit = 7)
(Note: All operations to be done from left to right.)

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

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

Q.61 What is required for the generation of a sound wave?

- Ans
- ☐ 1. Vacuum only
 - ☐ 2. Electromagnetic carrier wave only
 - ☒ 3. Vibration and an elastic medium only
 - ☐ 4. Air molecules only

Q.62 The Cornwallis Code, introduced in 1793, is known for _____.

- Ans
- ☐ 1. promoting native Indians in judiciary
 - ☐ 2. introducing English as the court language
 - ☒ 3. abolishing the zamindari system
 - ☐ 4. establishing uniform police and judiciary reforms

Q.63 A manufacturer fixes his selling price at 30% over the cost of production. If the cost of production goes up by 30%, and the manufacturer raises his selling price by 70%, find the profit percentage.

- Ans**
- ☒ 1. 70%
 - ☐ 2. 73%
 - ☐ 3. 69%
 - ☐ 4. 71%

Q.64 In a row of 22 students facing north, Suman is 14th from the left end. If Dipa is 2nd to the right of Suman, what is Dipa's position from the right end of the line?

- Ans**
- ☐ 1. 5th
 - ☒ 2. 7th
 - ☐ 3. 8th
 - ☐ 4. 6th

Q.65 Which of the following statements DOES NOT describe the primary difference between SRAM and DRAM in terms of their internal architecture and performance characteristics?

- Ans**
- ☐ 1. SRAM uses more transistors (typically six per cell), which makes it less dense, while DRAM uses just one transistor and one capacitor per cell, making it more compact.
 - ☐ 2. SRAM uses more transistors per bit to store data, providing faster access times compared to DRAM.
 - ☐ 3. SRAM is much faster because it has a simple design and doesn't need to refresh data, while DRAM is slower due to the need for periodic refreshes.
 - ☒ 4. SRAM is faster and more expensive, making it suitable for main system memory, while DRAM is slower and cheaper, making it ideal for Cache memory.

Q.66 A number when increased by $57\frac{1}{2}\%$, gives 378. The number is:

- Ans**
- ☒ 1. 240
 - ☐ 2. 200
 - ☐ 3. 400
 - ☐ 4. 100

Q.67 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

AAA 5, BCD 10, CEG 15, DGJ 20, ?

- Ans**
- ☒ 1. EIM 25
 - ☐ 2. EKM 25
 - ☐ 3. ETM 25
 - ☐ 4. EGM 25

Q.68 Which factor primarily contributed to the development of nucleated settlements in the Bundelkhand region of central India?

- Ans**
- ☐ 1. Availability of mineral resources
 - ☒ 2. Security concerns and invasions
 - ☐ 3. Fertile soil and irrigation facilities
 - ☐ 4. Proximity to trade routes

Q.69 Which of the following is NOT one of the factors that the Prime Minister should consider when selecting ministers for the Union Council of Ministers in India?

- Ans**
- ☐ 1. Representation of backward classes
 - ☐ 2. Geographical representation
 - ☒ 3. Representation of foreign communities
 - ☐ 4. Individual capacity and capability

| | |
|------|---|
| Q.70 | If 1 is added to each even digit and 1 is subtracted from each odd digit in the number 7521432, what will be the sum of digits which are second from left and third from right in the new number thus formed? |
| Ans | <div><div><input checked="" type="checkbox"/></div>1. 9</div> <div><input checked="" type="checkbox"/></div> 2. 6 |

☒☒

Q.77 A hollow spherical shell is made of a metal of density 7 g/cm³. Its internal and external radii are 0 cm and 3 cm, respectively. What is the approximate weight (in kg) of the shell?

(Take $\pi = \frac{22}{7}$, Density = $\frac{\text{Mass}}{\text{Volume}}$)

- Ans
- ☐

1. 2.208
- ☐

2. 2.14
- ☒

3. 0.792
- ☐

4. 2.15

Q.78 In a certain code language, ‘CURE’ is coded as ‘5783’ and ‘RIGS’ is coded as ‘2179’. What is the code for ‘R’ in the given code language?

- Ans
- ☐

1. 2
- ☐

2. 1
- ☐

3. 8
- ☒

4. 7

Q.79 ‘Swaraj Dweep’, a popular tourist destination known for its beaches, is located in:

- Ans
- ☐

1. Gulf of Mannar
- ☐

2. Lakshadweep Islands
- ☒

3. Andaman and Nicobar Islands
- ☐

4. Daman and Diu

Q.80 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. PRL
- ☐

2. IKE
- ☐

3. HJD
- ☒

4. PLO

Q.81 What is the primary purpose of the ‘Sections’ feature in MS PowerPoint when managing a large presentation?

- Ans
- ☐

1. To apply different themes to specific groups of slides
- ☐

2. To create hyperlinks between different parts of the presentation
- ☐

3. To enable collaborative editing of specific parts of the presentation by different users
- ☒

4. To divide the presentation into logical groupings for better organization and navigation during editing and presenting

Q.82 Find the value of K, for which the quadratic equation $x^2 + 4x + K = 0$ has equal roots.

- Ans
- ☐

1. 3
- ☐

2. 5
- ☒

3. 4
- ☐

4. 6

Q.83 The average height of 15 boys out of a class of 50 is 160 cm. If the average height of the remaining boys is 168 cm, the average height (in cm) of all the boys of the class is:

- Ans
- ☐

1. 165
- ☒

2. 165.6
- ☐

3. 166.6
- ☐

4. 164

| | |
|------|---|
| Q.84 | Which policy of the British greatly affected the tribal landholding patterns and led to widespread discontent among the tribes, thereby fueling rebellions? |
| Ans | <div><div><div>✖</div><div>1. The Ryotwari System</div></div><div><div>✖</div><div>2. Doctrine of Lapse</div></div><div><div>✖</div><div>3. Permanent Settlement</div></div><div><div>✔</div><div>4. Forest Laws and land settlements</div></div></div> |
| Q.85 | The President of India possesses the power to remove or recall officials such as Governors and Ambassadors. This power is exercised based on the advice of: |
| Ans | <div><div><div>✖</div><div>1. a resolution passed by the Parliament</div></div><div><div>✔</div><div>2. the Union Council of Ministers</div></div><div><div>✖</div><div>3. the State Governments</div></div><div><div>✖</div><div>4. the Supreme Court of India</div></div></div> |
| Q.86 | If A's salary is 12% more than that of B, then by what percentage is B's salary less than that of A (correct to two decimal places)? |
| Ans | <div><div><div>✖</div><div>1. 13.26%</div></div><div><div>✔</div><div>2. 10.71%</div></div><div><div>✖</div><div>3. 11.73%</div></div><div><div>✖</div><div>4. 12.47%</div></div></div> |
| Q.87 | What is the name of the equestrian competition event that began on March 25, 2025, and ended on March 30, 2025, where Niharika Singhania secured the first position? |
| Ans | <div><div><div>✔</div><div>1. Azelhof CSI Lier</div></div><div><div>✖</div><div>2. Asian Equestrian Games</div></div><div><div>✖</div><div>3. Indian Equestrian Championship</div></div><div><div>✖</div><div>4. World Equestrian Cup</div></div></div> |
| Q.88 | <p>Consider the following statements regarding the visit of Indian Navy's First Training Squadron (1TS) to Thailand in March 2025.</p> <p>INS Sujata, INS Shardul and ICGS Veera were part of the Indian Navy's First Training Squadron that visited Phuket Deep Sea Port.</p> <p>The Indian ships conducted PASSEX with HTMS Huahin.</p> <p>The visit included war-like drills, such as simulated naval combat and live-fire exercises.</p> <p>Which of the above statements is/are correct?</p> |
| Ans | <div><div><div>✖</div><div>1. Only 2 and 3</div></div><div><div>✔</div><div>2. Only 1 and 2</div></div><div><div>✖</div><div>3. 1, 2 and 3</div></div><div><div>✖</div><div>4. Only 1</div></div></div> |
| Q.89 | In India, which sector is responsible for transforming natural products into manufactured goods? |
| Ans | <div><div><div>✔</div><div>1. Secondary sector</div></div><div><div>✖</div><div>2. Primary sector</div></div><div><div>✖</div><div>3. Information sector</div></div><div><div>✖</div><div>4. Tertiary sector</div></div></div> |
| Q.90 | Crisil projects India's bank credit growth to accelerate to how much percentage in FY26? |
| Ans | <div><div><div>✖</div><div>1. 13-14%</div></div><div><div>✖</div><div>2. 15-16%</div></div><div><div>✖</div><div>3. 14-15%</div></div><div><div>✔</div><div>4. 12-13%</div></div></div> |

Q.91 The median of the observations 54, 65, 77, 34, 68, 66, 60, 70, 33, 71 and 15 is:

- Ans
- ☐ 1. 61
 - ☐ 2. 66
 - ☐ 3. 68
 - ☒ 4. 65

Q.92 Who is the first Indian boxer to win a gold medal at the World Boxing Cup 2025?

- Ans
- ☐ 1. Manish Rathore
 - ☒ 2. Hitesh Gulia
 - ☐ 3. Jadumani Singh Mandengbam
 - ☐ 4. Abhinash Jamwal

Q.93 Which of the following statements is/are correct regarding the Dandi March of 1930?
(a) The march started from Sabarmati Ashram and ended at Dandi, covering a distance of 240 miles.
(b) The Dandi March led to the signing of the Poona Pact.

- Ans
- ☐ 1. Neither (a) nor (b)
 - ☒ 2. Only (a)
 - ☐ 3. Both (a) and (b)
 - ☐ 4. Only (b)

Q.94 Tejas gets double the amount in 11 years when invested at compound interest, compounded annually. In how many years will the amount become four times itself?

- Ans
- ☐ 1. 21
 - ☐ 2. 44
 - ☐ 3. 43
 - ☒ 4. 22

Q.95 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. -6
 - ☐ 2. -4
 - ☐ 3. -5
 - ☐ 4. -3

Q.96 In which of the following buildings/towns constructed by the Mughals is Salim Chishti's tomb situated?

- Ans
- ☐ 1. Agra Fort
 - ☐ 2. Red Fort
 - ☐ 3. Taj Mahal
 - ☒ 4. Fatehpur Sikri

Q.97 Anu, Beena, Deepa, Heena, Kareena, Leena and Reena sit in a straight line, facing north. Kareena sits third to the right of Beena, who sits second to the right of Deepa. Reena sits to the immediate left of Leena. Anu sits second to the left of Heena. Three of the following four are alike in a certain way based on the given arrangement and thus form a group. Who among the following do NOT belong to that group?

- Ans
1. Anu and Deepa

2. Heena and Reena

3. Leena and Kareena

4. Beena and Reena

Q.98 Sohit and Rohit have a certain sum of money in the ratio of 17 : 14 and they spend their money on purchasing books in the ratio of 12 : 8. After purchasing books each of them has ₹3,392. Find the amount of money that Sohit initially had.

- Ans
1. ₹7,274

2. ₹7,208

3. ₹7,256

4. ₹7,218

Q.99 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. ELH

2. JQM

3. GNI

4. LSO

Q.100 GG 12 is related to CB 29 in a certain way. In the same way, IK 2 is related to EF 19. To which of the following is RN -6 related, following the same logic?

- Ans
1. MI 6

2. NH 11

3. NI 11

4. MH 6