



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

Q.6	Which of the following is the primary objective of the Sagarmala Project by the Ministry of Shipping?
Ans	<div><div><input checked="" type="checkbox"/></div>1. Coastal city modernisation</div> <div><div><input checked="" type="checkbox"/></div>2. Industrial corridor development</div> <div><div><input checked="" type="checkbox"/></div>3. Port-led development</div> <div><div><input checked="" type="checkbox"/></div>4. Inland waterway expansion</div>
Q.7	What should come in place of the question mark (?) in the given series? 187, 173, 160, 148, 137, ?
Ans	<div><div><input checked="" type="checkbox"/></div>1. 127</div> <div><div><input checked="" type="checkbox"/></div>2. 117</div> <div><div><input checked="" type="checkbox"/></div>3. 131</div> <div><div><input checked="" type="checkbox"/></div>4. 129</div>
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	<div><div><input checked="" type="checkbox"/></div>1. Four</div> <div><div><input checked="" type="checkbox"/></div>2. Three</div> <div><div><input checked="" type="checkbox"/></div>3. One</div> <div><div><input checked="" type="checkbox"/></div>4. Two</div>
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	<div><div><input checked="" type="checkbox"/></div>1. 12 - 24 - 34 - 64</div> <div><div><input checked="" type="checkbox"/></div>2. 8 - 10 - 20 - 40</div> <div><div><input checked="" type="checkbox"/></div>3. 5 - 10 - 20 - 40</div> <div><div><input checked="" type="checkbox"/></div>4. 15 - 30 - 35 - 60</div>
Q.10	Which of the following scenarios would most effectively necessitate the use of a three-dimensional reference within an MS Excel formula?
Ans	<div><div><input checked="" type="checkbox"/></div>1. Applying conditional formatting to a range of cells based on values in another worksheet within the same workbook</div> <div><div><input checked="" type="checkbox"/></div>2. Creating a chart that visualizes data points sourced from several different workbooks</div> <div><div><input checked="" type="checkbox"/></div>3. Summing values from a specific cell across a sequence of identically structured worksheets representing monthly data for a year</div> <div><div><input checked="" type="checkbox"/></div>4. Calculating the average sales figures across multiple non-contiguous worksheets for the same product category</div>
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	<div><div><input checked="" type="checkbox"/></div>1. 29%</div> <div><div><input checked="" type="checkbox"/></div>2. 30%</div> <div><div><input checked="" type="checkbox"/></div>3. 28%</div> <div><div><input checked="" type="checkbox"/></div>4. 27%</div>

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.

Numb er/sym bol	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. 44<sup>th</sup> Amendment Act of 1978
  - ☐ 2. 86<sup>th</sup> Amendment Act of 2002
  - ☐ 3. 42<sup>nd</sup> Amendment Act of 1976
  - ☐ 4. 97<sup>th</sup> 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 55<sup>th</sup> 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	<div><div><input checked="" type="checkbox"/></div>1. None</div> <div><div><input type="checkbox"/></div>2. Three</div> <div><div><input type="checkbox"/></div>3. Two</div> <div><div><input type="checkbox"/></div>4. One</div>
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	<div><div><input type="checkbox"/></div>1. 60</div> <div><div><input type="checkbox"/></div>2. 600</div> <div><div><input type="checkbox"/></div>3. 10</div> <div><div><input checked="" type="checkbox"/></div>4. 100</div>
Q.25	Who among the following was considered the first notable king of the Pushyabhuti dynasty, ruling from 580-605 CE?
Ans	<div><div><input type="checkbox"/></div>1. Rajyavardhana</div> <div><div><input checked="" type="checkbox"/></div>2. Prabhakaravardhana</div> <div><div><input type="checkbox"/></div>3. Harshavardhana</div> <div><div><input type="checkbox"/></div>4. Naravardhana</div>
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	<div><div><input checked="" type="checkbox"/></div>1. 81</div> <div><div><input type="checkbox"/></div>2. 72</div> <div><div><input type="checkbox"/></div>3. 88</div> <div><div><input type="checkbox"/></div>4. 91</div>
Q.27	How are the proceedings and status of a Lok Adalat treated under Indian law?
Ans	<div><div><input type="checkbox"/></div>1. Proceedings are informal and not recognised under any law.</div> <div><div><input type="checkbox"/></div>2. Proceedings are advisory and Lok Adalat is not considered a civil court.</div> <div><div><input checked="" type="checkbox"/></div>3. Proceedings are judicial and Lok Adalat is deemed a civil court under CrPC.</div> <div><div><input type="checkbox"/></div>4. Proceedings are not judicial and have no legal standing in courts.</div>
Q.28	If $x^2 + y^2 - 10x + 26y + 194 = 0$ , then the value of $x^2 + y^2$ is:
Ans	<div><div><input type="checkbox"/></div>1. 190</div> <div><div><input checked="" type="checkbox"/></div>2. 194</div> <div><div><input type="checkbox"/></div>3. 198</div> <div><div><input type="checkbox"/></div>4. 200</div>
Q.29	Who among the following launched the IndiaAI initiatives in 2025?
Ans	<div><div><input type="checkbox"/></div>1. Minister of Science and Technology</div> <div><div><input checked="" type="checkbox"/></div>2. Union IT Minister</div> <div><div><input type="checkbox"/></div>3. Prime Minister of India</div> <div><div><input type="checkbox"/></div>4. Director of IndiaAI Mission</div>

**Q.30** 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 tanks are figs.  
No eagles are tanks.  
Some mugs are eagles.

**Conclusions:**  
(I) Some figs are not eagles.  
(II) Some mugs are not tanks.

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

**Q.31** If 'P' stands for 'x', 'Q' stands for '÷', 'R' stands for '−' and 'S' stands for '+', then what will come in place of the question mark (?) in the following equation?

$(110\ R\ 32)\ Q\ 2\ S\ 9\ P\ 4\ R\ 21 = ?$

- Ans**
- ☐ 1. 36
  - ☐ 2. 22
  - ☒ 3. 54
  - ☐ 4. 48

**Q.32** 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.

How is P related to W?

- Ans**
- ☐ 1. Sister's husband
  - ☐ 2. Father's brother
  - ☒ 3. Brother
  - ☐ 4. Sister

**Q.33** 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?

- Ans**
- ☐ 1. Green GDP Accounting
  - ☐ 2. Food Security Act
  - ☒ 3. Perform, Achieve and Trade (PAT) scheme
  - ☐ 4. Make in India

**Q.34** 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?

- Ans**
- ☐ 1. 251
  - ☒ 2. 252
  - ☐ 3. 254
  - ☐ 4. 253

**Q.35** 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?

- Ans**
- ☐ 1. Subsidy scheme
  - ☐ 2. Builders-led construction
  - ☒ 3. Affordable rental housing complexes
  - ☐ 4. Affordable housing for senior citizens

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
- ☒ 1. 3 km to the west
  - ☒ 2. 5 km to the north
  - ☒ 3. 6 km to the east
  - ☒ 4. 2 km to the south

Q.37 Which of the following is an example of a Tier I city in India?

- Ans
- ☒ 1. Jaipur
  - ☒ 2. Bhopal
  - ☒ 3. Amritsar
  - ☒ 4. Kolkata

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
- ☒ 1. ₹1,300
  - ☒ 2. ₹1,250
  - ☒ 3. ₹1,150
  - ☒ 4. ₹1,350

Q.39 The simple interest (in ₹) on ₹2,200 at the rate of 5% per annum in 2 years is:

- Ans
- ☒ 1. ₹220
  - ☒ 2. ₹320
  - ☒ 3. ₹170
  - ☒ 4. ₹270

Q.40 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. 1
  - ☒ 3. -1
  - ☒ 4. -2

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
- ☒ 1. K
  - ☒ 2. D
  - ☒ 3. G
  - ☒ 4. F

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	<div><div>✓</div>1. JUNK - KJNU - JKUN</div> <div><div>✗</div>2. SEAL - ESAL - LEAS</div> <div><div>✗</div>3. FEAR - RFEA - EARF</div> <div><div>✗</div>4. POLE - EPLO - POEL</div>
Q.43	If A varies directly as B, and A = 210 when B = 51, then find A when B = 136.
Ans	<div><div>✗</div>1. 563</div> <div><div>✓</div>2. 560</div> <div><div>✗</div>3. 558</div> <div><div>✗</div>4. 559</div>
Q.44	Which Indian states does the Thar Desert primarily cover?
Ans	<div><div>✓</div>1. Rajasthan and Gujarat</div> <div><div>✗</div>2. Gujarat and Maharashtra</div> <div><div>✗</div>3. Rajasthan and Punjab</div> <div><div>✗</div>4. Rajasthan and Uttar Pradesh</div>
Q.45	Which cytoskeletal protein is the major component of neurofilaments that helps maintain the caliber and integrity of large axons?
Ans	<div><div>✗</div>1. Keratin protein</div> <div><div>✗</div>2. Actin protein</div> <div><div>✓</div>3. Neurofilament protein</div> <div><div>✗</div>4. Tubulin protein</div>
Q.46	In April 2025, India and Italy strengthened their strategic partnership by advancing cooperation in which of the following areas?
Ans	<div><div>✗</div>1. Space exploration and agriculture</div> <div><div>✓</div>2. Trade, defense, clean energy, and connectivity</div> <div><div>✗</div>3. Education and healthcare</div> <div><div>✗</div>4. Tourism and cultural exchange</div>
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	<div><div>✓</div>1. # = MHI, % = YTU</div> <div><div>✗</div>2. # = MOU, % = YLU</div> <div><div>✗</div>3. # = KJI, % = YMU</div> <div><div>✗</div>4. # = NHI, % = YOK</div>
Q.48	David ranked 19 <sup>th</sup> from the top and 25 <sup>th</sup> from the bottom in his class. How many students are there in his class?
Ans	<div><div>✗</div>1. 42</div> <div><div>✓</div>2. 43</div> <div><div>✗</div>3. 44</div> <div><div>✗</div>4. 45</div>



Q.49 If the length of a cuboid is 4 cm, breadth is 46 cm and volume is 8832 cm<sup>3</sup>, 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	<div> <div>✗</div> <div>1. Standard basic units</div> </div> <div> <div>✓</div> <div>2. Fundamental or base units</div> </div> <div> <div>✗</div> <div>3. Basic constants</div> </div> <div> <div>✗</div> <div>4. Derived basic units</div> </div>
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	<div> <div>✗</div> <div>1. 0.8</div> </div> <div> <div>✗</div> <div>2. 2.2</div> </div> <div> <div>✗</div> <div>3. 1.1</div> </div> <div> <div>✓</div> <div>4. 1.4</div> </div>
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	<div> <div>✓</div> <div>1. 21.5</div> </div> <div> <div>✗</div> <div>2. 6.3</div> </div> <div> <div>✗</div> <div>3. 23.7</div> </div> <div> <div>✗</div> <div>4. 10.7</div> </div>
Q.59	Who elects the members of the Estimates Committee in the Indian Parliament?
Ans	<div> <div>✗</div> <div>1. Members of the Rajya Sabha</div> </div> <div> <div>✗</div> <div>2. Prime Minister</div> </div> <div> <div>✓</div> <div>3. Members of the Lok Sabha</div> </div> <div> <div>✗</div> <div>4. President of India</div> </div>
Q.60	<p>This question is based on the five, three-digit numbers given below.</p> <p>(Left) 103 678 217 111 537 (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 added to the first digit of the lowest number?</p>
Ans	<div> <div>✗</div> <div>1. 12</div> </div> <div> <div>✗</div> <div>2. 10</div> </div> <div> <div>✓</div> <div>3. 8</div> </div> <div> <div>✗</div> <div>4. 6</div> </div>
Q.61	What is required for the generation of a sound wave?
Ans	<div> <div>✗</div> <div>1. Vacuum only</div> </div> <div> <div>✗</div> <div>2. Electromagnetic carrier wave only</div> </div> <div> <div>✓</div> <div>3. Vibration and an elastic medium only</div> </div> <div> <div>✗</div> <div>4. Air molecules only</div> </div>
Q.62	The Cornwallis Code, introduced in 1793, is known for _____.
Ans	<div> <div>✗</div> <div>1. promoting native Indians in judiciary</div> </div> <div> <div>✗</div> <div>2. introducing English as the court language</div> </div> <div> <div>✓</div> <div>3. abolishing the zamindari system</div> </div> <div> <div>✗</div> <div>4. establishing uniform police and judiciary reforms</div> </div>

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	<div><div>✓</div>1. 70%</div> <div><div>✗</div>2. 73%</div> <div><div>✗</div>3. 69%</div> <div><div>✗</div>4. 71%</div>
Q.64	In a row of 22 students facing north, Suman is 14 <sup>th</sup> from the left end. If Dipa is 2 <sup>nd</sup> to the right of Suman, what is Dipa's position from the right end of the line?
Ans	<div><div>✗</div>1. 5<sup>th</sup></div> <div><div>✓</div>2. 7<sup>th</sup></div> <div><div>✗</div>3. 8<sup>th</sup></div> <div><div>✗</div>4. 6<sup>th</sup></div>
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	<div><div>✗</div>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.</div> <div><div>✗</div>2. SRAM uses more transistors per bit to store data, providing faster access times compared to DRAM.</div> <div><div>✗</div>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.</div> <div><div>✓</div>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.</div>
Q.66	A number when increased by $57\frac{1}{2}\%$ , gives 378. The number is:
Ans	<div><div>✓</div>1. 240</div> <div><div>✗</div>2. 200</div> <div><div>✗</div>3. 400</div> <div><div>✗</div>4. 100</div>
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	<div><div>✓</div>1. EIM 25</div> <div><div>✗</div>2. EKM 25</div> <div><div>✗</div>3. ETM 25</div> <div><div>✗</div>4. EGM 25</div>
Q.68	Which factor primarily contributed to the development of nucleated settlements in the Bundelkhand region of central India?
Ans	<div><div>✗</div>1. Availability of mineral resources</div> <div><div>✓</div>2. Security concerns and invasions</div> <div><div>✗</div>3. Fertile soil and irrigation facilities</div> <div><div>✗</div>4. Proximity to trade routes</div>
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	<div><div>✗</div>1. Representation of backward classes</div> <div><div>✗</div>2. Geographical representation</div> <div><div>✓</div>3. Representation of foreign communities</div> <div><div>✗</div>4. Individual capacity and capability</div>

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"/> 1. 9</div><div><input type="checkbox"/> 2. 6</div><div><input type="checkbox"/> 3. 10</div><div><input type="checkbox"/> 4. 8</div></div>
Q.71	The length of each of the two equal sides of an isosceles triangle is 41 cm and the length of its base is 18 cm. The area (in cm <sup>2</sup> ) of the triangle is:
Ans	<div><div><input type="checkbox"/> 1. 351</div><div><input type="checkbox"/> 2. 355</div><div><input checked="" type="checkbox"/> 3. 360</div><div><input type="checkbox"/> 4. 365</div></div>
Q.72	VBCD is related to MTTV in a certain way based on the English alphabetical order. In the same way, LV SX is related to CNJP. To which of the following options is KXRZ related, following the same logic?
Ans	<div><div><input type="checkbox"/> 1. BROP</div><div><input checked="" type="checkbox"/> 2. BPIR</div><div><input type="checkbox"/> 3. BPRI</div><div><input type="checkbox"/> 4. BRIP</div></div>
Q.73	Which smallest number should be added to 22938 so that the sum is completely divisible by 7?
Ans	<div><div><input type="checkbox"/> 1. 5</div><div><input type="checkbox"/> 2. 6</div><div><input checked="" type="checkbox"/> 3. 1</div><div><input type="checkbox"/> 4. 2</div></div>
Q.74	Which international organisation launched the 'AI for Good' initiative in 2025?
Ans	<div><div><input type="checkbox"/> 1. United Nations Educational, Scientific and Cultural Organisation</div><div><input type="checkbox"/> 2. Organisation for Economic Co-operation and Development</div><div><input checked="" type="checkbox"/> 3. International Telecommunication Union</div><div><input type="checkbox"/> 4. International Monetary Fund</div></div>
Q.75	Each of the digits in the number 5123487 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	<div><div><input type="checkbox"/> 1. Two</div><div><input type="checkbox"/> 2. One</div><div><input checked="" type="checkbox"/> 3. None</div><div><input type="checkbox"/> 4. Three</div></div>
Q.76	India's demographic profile on the eve of independence reflected the socio-economic backwardness imposed by colonial rule. Which of the following options best describes the health care and nutrition status on the eve of independence?
Ans	<div><div><input checked="" type="checkbox"/> 1. Low life expectancy with high birth and death rates</div><div><input type="checkbox"/> 2. High life expectancy with high birth rates and low death rate</div><div><input type="checkbox"/> 3. High life expectancy with low birth and death rates</div><div><input type="checkbox"/> 4. Moderate life expectancy with declining birth and death rates</div></div>

Q.77 A hollow spherical shell is made of a metal of density 7 g/cm<sup>3</sup>. 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><input checked="" type="checkbox"/></div>1. The Ryotwari System</div> <div><div><input checked="" type="checkbox"/></div>2. Doctrine of Lapse</div> <div><div><input checked="" type="checkbox"/></div>3. Permanent Settlement</div> <div><div><input checked="" type="checkbox"/></div>4. Forest Laws and land settlements</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><input checked="" type="checkbox"/></div>1. a resolution passed by the Parliament</div> <div><div><input checked="" type="checkbox"/></div>2. the Union Council of Ministers</div> <div><div><input checked="" type="checkbox"/></div>3. the State Governments</div> <div><div><input checked="" type="checkbox"/></div>4. the Supreme Court of India</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><input checked="" type="checkbox"/></div>1. 13.26%</div> <div><div><input checked="" type="checkbox"/></div>2. 10.71%</div> <div><div><input checked="" type="checkbox"/></div>3. 11.73%</div> <div><div><input checked="" type="checkbox"/></div>4. 12.47%</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><input checked="" type="checkbox"/></div>1. Azelhof CSI Lier</div> <div><div><input checked="" type="checkbox"/></div>2. Asian Equestrian Games</div> <div><div><input checked="" type="checkbox"/></div>3. Indian Equestrian Championship</div> <div><div><input checked="" type="checkbox"/></div>4. World Equestrian Cup</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><input checked="" type="checkbox"/></div>1. Only 2 and 3</div> <div><div><input checked="" type="checkbox"/></div>2. Only 1 and 2</div> <div><div><input checked="" type="checkbox"/></div>3. 1, 2 and 3</div> <div><div><input checked="" type="checkbox"/></div>4. Only 1</div>
Q.89	In India, which sector is responsible for transforming natural products into manufactured goods?
Ans	<div><div><input checked="" type="checkbox"/></div>1. Secondary sector</div> <div><div><input checked="" type="checkbox"/></div>2. Primary sector</div> <div><div><input checked="" type="checkbox"/></div>3. Information sector</div> <div><div><input checked="" type="checkbox"/></div>4. Tertiary sector</div>
Q.90	Crisil projects India's bank credit growth to accelerate to how much percentage in FY26?
Ans	<div><div><input checked="" type="checkbox"/></div>1. 13-14%</div> <div><div><input checked="" type="checkbox"/></div>2. 15-16%</div> <div><div><input checked="" type="checkbox"/></div>3. 14-15%</div> <div><div><input checked="" type="checkbox"/></div>4. 12-13%</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