



रेल भर्ती बोर्ड / RAILWAY RECRUITMENT BOARD

सी ई एन - 06/2025 - CEN - 06/2025

एनटीपीसी (स्नातक स्तर) की भर्ती / Recruitment of NTPC Graduate Level



Test Date	22/03/2026
Test Time	9:00 AM - 10:30 AM
Subject	RRB NTPC GRADUATE CBT 1

* 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 CBT 1

Q.1 What is the inflation target set by the Government of India under the Monetary Policy Committee framework until April 2026?

- Ans A. 4% with a tolerance of $\pm 2\%$
 B. 3% with a tolerance of $\pm 1\%$
 C. 5% with a tolerance of $\pm 2\%$
 D. 6% with no specified tolerance

Q.2 If 'A' stands for '+', 'B' stands for 'x', 'C' stands for '+' and 'D' stands for '-', then what will come in place of the question mark (?) in the following equation?

$$13 B 2 C 6 D 8 A 4 = ?$$

- Ans A. 29
 B. 27
 C. 30
 D. 28

Q.3 A shopkeeper fixes the marked price of an item 100% above its cost price. What percentage of discount on marked price should be allowed to gain 88%?

- Ans A. 4%
 B. 6%
 C. 5%
 D. 3%

Q.4 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 A. ZC-AD
 B. OR-OU
 C. DG-EH
 D. RU-SV

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Q.5 This question is based on the five, three-digit numbers given below.
(Left) 442 405 297 384 316 (Right)
(Example- 697 – First digit = 6, second digit = 9 and third digit = 7)
NOTE - All operations to be done from left to right.

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

- Ans
- A. 12
 - B. 11
 - C. 10
 - D. 9

Q.6 Thermal pollution primarily results from which action related to industrial processes?

- Ans
- A. Addition of detergents
 - B. Release of heavy metals
 - C. Use of water as a coolant
 - D. Suspended solid accumulation

Q.7 What was the Diwan-i-Riyasat under Alauddin Khilji?

- Ans
- A. Department of religious endowments
 - B. Department of agriculture
 - C. Department controlling markets and prices
 - D. Department of royal correspondence

Q.8 Warli painting, a traditional tribal art form, originates from which Indian state?

- Ans
- A. Odisha
 - B. Rajasthan
 - C. Maharashtra
 - D. Madhya Pradesh

Q.9 Under the Constitution (101st Amendment) Act, 2016, who has the exclusive power to make laws on GST, where the supply of goods or services takes place in the course of interstate trade or commerce?

- Ans
- A. Parliament
 - B. NITI Ayog
 - C. President of India
 - D. State Legislatures

Q.10 The standard deviation of 7 consecutive integers with mean 0 is _____.

- Ans
- A. 1
 - B. 3
 - C. 0
 - D. 2

Q.11 Convert the recurring decimal $0.2\bar{6}$ into a vulgar fraction.

- Ans
- A. $\frac{1}{15}$
 - B. $\frac{4}{15}$
 - C. $\frac{7}{15}$
 - D. $\frac{2}{15}$

Q.12 22 is related to 60 following a certain logic. Following the same logic, 27 is related to 75. To which of the following is 33 related, following the same logic?

(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.)

- Ans
- A. 86
 - B. 97
 - C. 103
 - D. 93

Q.13 20% of a number is more than 20% of 620 by 200. The number is:

- Ans
- A. 1470
 - B. 1670
 - C. 1620
 - D. 1720

Q.14 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

All hands are legs. Some hands are faces. Some faces are arms.

Conclusions:

- (I) Some legs are faces.
- (II) Some hands are arms.

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

Q.15 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?
DHG 42 CGF 38 BFE 34 AED 30 ?

- Ans
- A. ZDC 26
 - B. ZDI 25
 - C. ZEB 26
 - D. ZCB 25

Q.16 Seven people, A, B, C, D, E, F and G, are sitting in a row, facing north. Only two people sit to the left of C. Only three people sit between C and F. B sits second to the right of C. Only two people sit between B and D. E sits at some place to the right of G but at some place to the left of A. How many people sit to the left of D?

- Ans
- A. 1
 - B. 3
 - C. 4
 - D. 2

Q.17 Let ABC be a right-angled triangle such that $\angle B = 90^\circ$, $\angle ACB = 30^\circ$ and $AB = 5$ cm. Find the value (in cm) of $AC + BC$.

- Ans
- A. $10 + 2\sqrt{3}$
 - B. $5\sqrt{3}$
 - C. $10 + 5\sqrt{3}$
 - D. $12\sqrt{3}$

Q.18 A tourist covers his 120 km journey in three stages. In the first stage, he travels at a speed of x km/hr. In the second stage, he increases his speed by 50%. In the third stage, he reduces his second-stage speed by 20%. He spends equal time on all the 3 stages, and his average speed for the entire journey is 48 km/hr. Find the value of x correct to one decimal place.

- Ans A. 38.9
 B. 38.3
 C. 39.3
 D. 40.3

Q.19 The abbreviation ASCII is a critical computer standard used worldwide. The letter C in ASCII stands for Code, indicating that ASCII is a standard system for assigning a unique numerical value to every single character, which is known as a character _____.

- Ans A. processing chip
 B. memory component
 C. encoding scheme
 D. input device

Q.20 Which metric indicates the average number of instructions a CPU executes per clock cycle?

- Ans A. Core count
 B. Bus speed
 C. IPC (Instructions Per Cycle)
 D. Clock speed

Q.21 Which of the given letter-number clusters will replace the question mark (?) in the following series to make it logically complete?
NVA 7 KSX 14 HPU 21 EMR 28 ?

- Ans A. LST 40
 B. WPF 37
 C. BJO 35
 D. NDP 35

Q.22 Which language was predominantly used by Amir Khusrau in his literary compositions during the Delhi Sultanate period?

- Ans A. Apabhramsha
 B. Prakrit
 C. Sanskrit
 D. Persian

Q.23 If A's salary is 130% more than that of B, then by how much percent is B's salary less than that of A (correct to 2 decimal places)?

- Ans A. 58.42%
 B. 56.52%
 C. 55.88%
 D. 54.62%

Q.24 Who among the following is credited with establishing the 'Servants of India Society' to promote education and social reforms during the Indian National Movement?

- Ans A. Bipin Chandra Pal
 B. Dadabhai Naoroji
 C. Lala Lajpat Rai
 D. Gopal Krishna Gokhale

Q.25 Find the solution of the following system of linear equations:

$$\begin{aligned} x + 4y + 2z &= 12 \\ 2x - y + z &= 3 \\ x + y - z &= 0 \end{aligned}$$

- Ans
- A. $x = \frac{5}{2}, y = 1, z = \frac{3}{2}$
 - B. $x = 1, y = \frac{5}{2}, z = \frac{3}{2}$
 - C. $x = 1, y = \frac{3}{2}, z = \frac{5}{2}$
 - D. $x = \frac{3}{2}, y = 1, z = \frac{5}{2}$

Q.26 Seven boxes M, A, R, K, E, T and S are kept one over the other but not necessarily in the same order. Only S is kept between E and T. Only K is kept below R. Only A is kept above E. How many boxes are kept between M and K?

- Ans
- A. Two
 - B. Zero
 - C. One
 - D. Three

Q.27 Which among the following is NOT a document related to Good Governance?

- Ans
- A. National Forest Policy, 1988
 - B. Citizen Charter
 - C. Second Administrative Reforms Commission
 - D. Sevottam Model

Q.28 The mode of the following data is 36. Find the missing frequency in it.

Class Interval	0-10	10-20	20-30	30-40	40-50
Frequency	4	6	--	9	5

- Ans
- A. 3
 - B. 5
 - C. 4
 - D. 6

Q.29 The power of High Courts to issue writs for purposes beyond Fundamental Rights is given under _____.

- Ans
- A. Article 32
 - B. Article 245
 - C. Article 227
 - D. Article 226

Q.30 Let C be a circle with centre O and AB be a minor arc on C. Let S be a point on the minor arc AB. If AB subtends an angle 120° at O, then find the measure of $\angle ASB$.

- Ans
- A. 120°
 - B. 110°
 - C. 100°
 - D. 60°

Q.31 Which combination of symptoms is the most common characteristic of influenza in humans?

- Ans
- A. Fever, cough, and body aches
 - B. Rash, itching, and swelling
 - C. Chest pain, palpitations, and sweating
 - D. Vomiting, diarrhea, and dehydration

Q.32 Two pipes can fill a cistern in 24 minutes and 36 minutes, respectively. A third pipe can empty it in 18 minutes. If all three are opened together, how long will it take to fill the tank?

- Ans
- A. 144 minutes
 - B. 60 minutes
 - C. 108 minutes
 - D. 72 minutes

Q.33 Which of the following countries is the youngest country in terms of the lowest median age for the year 2024?

- Ans
- A. Iraq
 - B. Palestine
 - C. Niger
 - D. Afghanistan

Q.34 Dhruv starts from Point A and drives 38 km towards the East. He then takes a left turn, drives 35 km, turns left and drives 39 km. He then takes a left turn and drives 37 km. He takes a final left turn, drives 1 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-degree turns only unless specified.)

- Ans
- A. 4 km to the North
 - B. 3 km to the North
 - C. 1 km to the North
 - D. 2 km to the North

Q.35 In January 2025, Algeria signed a memorandum of understanding with the United States that focuses on _____.

- Ans
- A. educational cooperation
 - B. military cooperation
 - C. agricultural cooperation
 - D. healthcare cooperation

Q.36 In July 2025, Himachal Pradesh government began temporarily relocating families, due to landslide threats, from a village called Kalang located in which district?

- Ans
- A. Kullu district
 - B. Kangra district
 - C. Shimla district
 - D. Mandi district

Q.37 100 men have provisions for 26 days. If 48 men have left, for how many days the same provisions would last for the remaining men?

- Ans
- A. 54
 - B. 48
 - C. 50
 - D. 52

Q.38 Which disease is caused specifically by a deficiency of Vitamin B1?

- Ans
- A. Scurvy
 - B. Night blindness
 - C. Rickets
 - D. Beri-beri

Q.39 What should come in place of '?' in the given series?

111 110 106 97 81 ?

- Ans
- A. 56
 - B. 74
 - C. 57
 - D. 73

Q.40 Which Indian city is known as the "Silicon Valley of India" due to its thriving IT services sector?

- Ans
- A. Chennai
 - B. Hyderabad
 - C. Bengaluru
 - D. Mumbai

Q.41 The ratio of the ages of two persons, P and Q, is 3 : 4. After 6 years, the ratio of their ages will become 4 : 5. What is the present age of P?

- Ans
- A. 18 years
 - B. 30 years
 - C. 20 years
 - D. 13 years

Q.42 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 :: ?

: POM :: LKI : %

- Ans
- A. # = TJQ , % = HFL
 - B. # = SRP , % = GFE
 - C. # = RTP , % = GFM
 - D. # = TSQ , % = HGE

Q.43 Find the number of possible values for a natural number N such that the LCM of 120 and N is 360, and the HCF of 900 and N is 90.

- Ans
- A. 4
 - B. 3
 - C. 1
 - D. 2

Q.44 Which of the following teams secured the table tennis ITTF Mixed Team World Cup title in December 2025 after emerging victorious in the final at Chengdu?

- Ans
- A. Germany
 - B. Japan
 - C. Republic of Korea
 - D. People's Republic of China

Q.45 23 is related to 139 following a certain logic. Following the same logic, 28 is related to 169. To which of the following is 25 related, following the same logic?
(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, etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

- Ans
- A. 151
 - B. 146
 - C. 155
 - D. 141

Q.46 At what rate per annum will a sum of money become five times itself in 10 years under simple interest?

- Ans
- A. 80%
 - B. 38%
 - C. 40%
 - D. 42%

Q.47 The Garo, Khasi, Jaintia, and Naga Hills, which run almost east–west, are connected to which hill chain that extends in a north–south direction?

- Ans
- A. Nilgiri and Rakhine Hills
 - B. Mizo and Rakhine Hills
 - C. Satpura and Mizo Hills
 - D. Mizo and Vindhya Hills

Q.48 In a certain code language,
A + B means 'A is the sister of B'
A - B means 'A is the husband of B'
A × B means 'A is the son of B'
A ÷ B means 'A is the daughter of B'.

Based on the above, how is T related to S if 'T + P × M - V ÷ S'?

- Ans
- A. Brother's daughter
 - B. Son's daughter
 - C. Daughter's daughter
 - D. Sister's daughter

Q.49 The sum of 12 numbers is 528. Find their average.

- Ans
- A. 42
 - B. 43
 - C. 44
 - D. 45

Q.50 Each of L, M, N, O, A, B and C has an exam on a different day of a week starting from Monday and ending on Sunday of the same week. No one has exam before N. Only three people have exams between N and O. Only one person has exam between O and M. L has exam on Wednesday. B has exam on one of the days after C but on one of the days before A. On which day of the week does B have exam?

- Ans
- A. Saturday
 - B. Monday
 - C. Thursday
 - D. Tuesday

Q.51 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 is the one that does not belong to that group?
(Note: The odd man out is not based on the number of consonants/vowels or their position in the letter-cluster.)

- Ans**
- A. AB - DE
 - B. XY - YZ
 - C. TU - WX
 - D. KL - NO

Q.52 Refer to the following number, symbol series and answer the question.
(Left) 5 # % 8 * \$ % @ 1 3 @ \$ 4 6 9 7 # \$ 2 % 5 4 (Right)

If all the numbers are dropped from the series, which of the following will be fourth from the left?

- Ans**
- A. \$
 - B. #
 - C. %
 - D. *

Q.53 Find the difference between the values of 'm' for which $2m = 5\sqrt{m} - 2$.

- Ans**
- A. $\frac{8}{3}$
 - B. $\frac{15}{4}$
 - C. $2\sqrt{3}$
 - D. $2\sqrt{2}$

Q.54 If '+' means '-', '-' means 'x', 'x' means '+', '÷' means '+', then what will come in place of the question mark (?) in the following equation?

$$79 - 8 \div 55 + 423 \times 3 = ?$$

- Ans**
- A. 546
 - B. 519
 - C. 525
 - D. 584

Q.55 There are 21 members in group A, 11 members in group B and 17 members in group C. All the members of these groups went to a restaurant. The average amounts spent on each member of groups A, B and C are ₹465, ₹410 and ₹466, respectively. The overall average amount (in ₹) spent per member is:

- Ans**
- A. 454
 - B. 453
 - C. 452
 - D. 455

Q.56 Who is widely regarded as the 'Father of Computers' for designing the first mechanical computing device?

- Ans**
- A. Charles Babbage
 - B. Blaise Pascal
 - C. Alan Turing
 - D. John von Neumann

Q.57 A bag contains coins of ₹1, ₹2, and ₹5 in the ratio 8 : 4 : 3. If the total value of the coins is ₹930, what is the total number of coins in the bag?

- Ans A. 400
 B. 450
 C. 420
 D. 480

Q.58 A woman travelled at a speed of 20 m/min for 90 min, and at a speed of 65 m/min for 60 min. Her average speed (in m/min) for the entire journey is:

- Ans A. 31
 B. 42
 C. 38
 D. 44

Q.59 Which of the following factors most significantly contributed to the emergence of Indian multinational corporations like Reliance Industries and Tata Group in the post-reform era?

- Ans A. Continued government subsidies
 B. Expansion of nationalized sectors
 C. Growth in agricultural exports
 D. Globalization and privatization

Q.60 The price of each article of type P, Q, and R is ₹280, ₹180 and ₹120, respectively. Subrata buys articles of each type in the ratio 3 : 2 : 3 for ₹6,240. How many articles of type Q did he purchase?

- Ans A. 16
 B. 8
 C. 14
 D. 5

Q.61 Seven people B, C, D, O, P, Q and R are sitting around a circular table facing the center of the table. Only one person sits between P and B when counted from the right of P. O sits third to the left of Q. C sits third to the left of D. Q sits to the immediate right of C. R is not an immediate neighbor of C. How many people sit between R and B when counted from the right of R?

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

Q.62 In a certain code language,
 $X + Y$ means 'X is the husband of Y',
 $X - Y$ means 'X is the mother of Y',
 $X \times Y$ means 'X is the sister of Y' and
 $X \div Y$ means 'X is the father of Y'.

Based on the above, how is P related to T if ' $P + Q - R \times S \div T$ '?

- Ans A. Mother's brother
 B. Father's brother
 C. Father's father
 D. Mother's father

Q.63 What law, as of December 2025, requires intermediaries to act against unlawful and harmful online content affecting children in India?

- Ans
- A. Child Protection Online Policy, 2020
 - B. National Child Safety Protocol, 2022
 - C. Information Technology (Intermediary Guidelines and Digital Media Ethics Code) Rules, 2021
 - D. Digital Services Regulation Act, 2024

Q.64 In a certain code language, 'BELL' is coded as '1582' and 'SELL' is coded as '2568'. What is the code for 'S' in that language?

- Ans
- A. 6
 - B. 1
 - C. 2
 - D. 5

Q.65 In 2025, Bagram Air Base, the largest air base mentioned in the news after U.S. President Donald Trump's bid to retake it, is located in which country?

- Ans
- A. Uzbekistan
 - B. Afghanistan
 - C. Iran
 - D. Pakistan

Q.66 In a certain code language, 'TOUR' is coded as '4791' and 'FORT' is coded as '1279'. What is the code for 'F' in the given code language?

- Ans
- A. 1
 - B. 2
 - C. 9
 - D. 7

Q.67 If $x^4 - 83x^2 + 1 = 0$ and $x > 0$, then the value of $\sqrt{x^3 - x^{-3} + 28}$ is:

- Ans
- A. 29
 - B. 27
 - C. 28
 - D. 26

Q.68 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 :: ?

: LKP :: TSX : %

- Ans
- A. # = QIV % = OLL
 - B. # = ISU % = ONM
 - C. # = QPU % = ONS
 - D. # = QNU % = OIB

Q.69 Refer to the following number, symbol series and answer the question. Counting to be done from left to right only. All numbers are single digit numbers only.

(Left) 2 < 8 5 8 7 4 9 \$ % % % & @ ? & @ 5 9 6 ? (Right)

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

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

Q.70 Which of the following terms is used for places that serve as the meeting point of two or more transport routes?

- Ans
- A. Network
 - B. Grid
 - C. Link
 - D. Node

Q.71 Which wind system blows consistently from high-pressure to low-pressure areas year-round?

- Ans
- A. Polar winds
 - B. Local winds
 - C. Planetary winds
 - D. Periodic winds

Q.72 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

All crabs are bats. All bats are wigs. All wigs are dogs.

Conclusions:

- (I) All crabs are dogs.
(II) Some dogs are bats.

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

Q.73 The areas of two similar triangles are 841 cm^2 and 676 cm^2 , respectively. What is the ratio of their corresponding altitudes?

- Ans
- A. 38 : 27
 - B. 29 : 26
 - C. 24 : 28
 - D. 27 : 24

Q.74 On 21 December 2025, President Droupadi Murmu approved the Viksit Bharat—Guarantee for Rozgar and Aajeevika Mission (Gramin) (VB—G RAM G) Bill, 2025, enhancing rural wage employment guarantee to which of the following days in a financial year?

- Ans
- A. 150 days
 - B. 100 days
 - C. 125 days
 - D. 175 days

Q.75 Below are given two sets of numbers. In each set of numbers, a certain mathematical operation on the first number results in the second number. Similarly, certain mathematical operation on the second number results in the third number and so on. Which of the given operations follows the same set of operations as in question? (NOTE – A two/three-digit number cannot be broken into individual digits for operations e.g. if 37 is followed by 10, the operation cannot be $3+7$ as a two-digit number cannot be broken into individual digits.)

17 - 7 - 21 - 33 ;
21 - 11 - 33 - 45

- Ans
- A. 16-8-24-48
 - B. 23-13-26-52
 - C. 14-4-12-24
 - D. 21-11-33-72

Q.76 Evaluate: $16 + 18 \div 6 - 3 \times 3$

- Ans
- A. 13
 - B. 9
 - C. 10
 - D. 12

Q.77 Six boxes, A, B, C, D, E and F are kept one over the other but not necessarily in the same order. F is placed third from the top. Only two boxes are kept between F and D. A is kept above F but somewhere below E. C is not kept at the second place from the bottom. How many boxes are kept between A and B?

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

Q.78 The Taj Mahal, a UNESCO World Heritage Site, is located in which Indian State/UT?

- Ans
- A. Uttar Pradesh
 - B. Madhya Pradesh
 - C. Delhi
 - D. Rajasthan

Q.79 Which amendment made it constitutionally mandatory for municipalities to prepare "District Planning Committees" and "Metropolitan Planning Committees"?

- Ans
- A. 74th Amendment
 - B. 102nd Amendment
 - C. 97th Amendment
 - D. 73rd Amendment

Q.80 Which term is used to describe the conflict between the Gurjara-Pratiharas, Palas, and Rashtrakutas over the control of northern India?

- Ans
- A. Tripartite
 - B. Chakravartin
 - C. Dharmayuddha
 - D. Mahasangram

Q.81 In this question, a question is followed by two statements numbered (I) and (II). You have to decide whether the data provided in the statements are sufficient to answer the question. Read both the statements and decide the appropriate answer.

Q. Five boxes – Box-A, Box-B, Box-C, Box-D, and Box-E – have different weights. Which box is the second heaviest?

(I) Box-C is heavier than Box-A and Box-B but lighter than Box-D.

(II) Box-E is heavier than Box-C but lighter than Box-D.

- Ans**
- A. Both statements I and II together are NOT sufficient to answer the question
 - B. Data in Statement I alone is sufficient to answer the question while data in Statement II is not
 - C. Both statements I and II together (and not statement I alone or statement II alone) are sufficient to answer the question
 - D. Data in Statement II alone is sufficient to answer the question while data in Statement I is not

Q.82 P sells an item to Q at 77% profit. Q sells the same item to R at 50% loss. If R paid ₹ 2655 for the item, then at what price (in ₹) is the item purchased by P?

- Ans**
- A. 3000
 - B. 3001
 - C. 3002
 - D. 3003

Q.83 Which new weapon led to Mangal Pandey's agitation as a sepoy of the 34th Bengal Native Infantry?

- Ans**
- A. Brown Bess musket
 - B. Matchlock gun
 - C. Enfield rifle
 - D. Snider rifle

Q.84 Find the area of an equilateral triangle with side 8 cm (correct to 2 decimal places).

- Ans**
- A. 29.91 sq. cm.
 - B. 27.71 sq. cm.
 - C. 26.61 sq. cm.
 - D. 24.41 sq. cm.

Q.85 In which type of wave do particles of the medium move parallel to the direction of wave propagation?

- Ans**
- A. Longitudinal wave
 - B. Transverse wave
 - C. Electromagnetic wave
 - D. Surface wave

Q.86 Find the value of y , satisfying $19 \times 7 \times 630 \div \sqrt{2025} = y + 517$

- Ans**
- A. 1345
 - B. 1348
 - C. 1340
 - D. 1335

Q.87 What term describes a situation in which a person is employed but not in the desired capacity, in terms of compensation, hours, or skill level?

- Ans**
- A. Part-time employment
 - B. Involuntary employment
 - C. Low wage employment
 - D. Underemployment

Q.88 Harshavardhana's biography Harshacharita was composed in Sanskrit by which of the following court poets?

- Ans
- A. Ravikirti
 - B. Surasena
 - C. Vishnu Sharma
 - D. Banabhatta

Q.89 Which Article deals with the original jurisdiction of the Supreme Court?

- Ans
- A. Article 141
 - B. Article 32
 - C. Article 124
 - D. Article 131

Q.90 What should come in place of '?' in the given series?

30 28 25 20 13 ?

- Ans
- A. 4
 - B. 1
 - C. 2
 - D. 3

Q.91 Which event best signalled the decline of Portuguese power in India and the emergence of British and Dutch influence?

- Ans
- A. Battle of Plassey (1757)
 - B. Establishment of Madras by the English (1639)
 - C. Treaty of Aix-la-Chapelle (1748)
 - D. Anglo-Persian capture of Hormuz (1622)

Q.92 Amit invested equal amounts at simple interest and compound interest, compounded annually, for 2 years at the same rate of 4% per annum. In the end, he noticed a difference of ₹52 between the two interests earned. What was the amount (in ₹) invested in each case?

- Ans
- A. 31600
 - B. 32500
 - C. 31750
 - D. 32850

Q.93 LFGK is related to RKKN in a certain way based on the English alphabetical order. In the same way, GMOP is related to MRSS. To which of the following is COLU related, following the same logic?

- Ans
- A. ITPX
 - B. JUQZ
 - C. HSOX
 - D. GWNZ

Q.94 In Windows 11, which built-in tool opens immediately when a user presses the keyboard shortcut Ctrl + Shift + Esc?

- Ans
- A. File Explorer
 - B. Task Manager
 - C. Control Panel
 - D. Settings

Q.95 By selling an article at $\frac{3}{10}$ of its marked price, Hitesh incurs a loss of 16%.

If he sells it at 69% of its marked price, then the profit percentage is

- Ans
- A. 95.7%
 - B. 93.8%
 - C. 94.8%
 - D. 93.2%

Q.96 Which Supreme Court case, decided in April 2025, led to the 16th Presidential Reference under Article 143 concerning timelines for assent to State Bills?

- Ans
- A. State of Tamil Nadu vs Governor of Tamil Nadu
 - B. Nabam Rebia vs Deputy Speaker, Arunachal Pradesh
 - C. S.R. Bommai vs Union of India
 - D. Kaiser-I-Hind Pvt. Ltd. vs National Textile Corporation

Q.97 According to the Gandhian principles incorporated in the Directive Principles of State Policy, the State shall endeavor to promote:

- Ans
- A. Large-scale corporate farming
 - B. Industrialization in urban areas
 - C. Cottage industries on an individual or cooperative basis in rural areas
 - D. Foreign trade agreements

Q.98 Momentum of an object is defined as the product of its mass and velocity, hence what are its SI units?

- Ans
- A. kg m s^{-1}
 - B. kg m s^{-2}
 - C. kg m s
 - D. g m s^{-1}

Q.99 Under the Greenhouse Gases Emission Intensity Target Rules, 2025, if an obligated entity fails to meet targets, then environmental compensation is linked to carbon credit prices. The compensation for shortfall is:

- Ans
- A. A fixed penalty per tonne decided by SPCBs
 - B. Three times the average traded price of carbon credit certificates
 - C. Twice the average traded price of carbon credit certificates
 - D. Equal to the average traded price of carbon credit certificates

Q.100 The length, breadth and height of a room are 20m, 10m and 6m, respectively. If the rate of painting the four walls and the ceiling of the room is ₹15/square metre, then find the total cost.

- Ans
- A. ₹6500
 - B. ₹8400
 - C. ₹7200
 - D. ₹9200