



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	18/03/2026
Test Time	4:30 PM - 6:00 PM
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 Which of the following rulers built Tughlaqabad Fort in 1321?

Ans A) Muhammad bin Tughlaq B) Firoz Shah Tughlaq C) Ghiyasuddin Tughlaq D) Alauddin Khalji

Correct Answer: C

Q.2 Each of A, B, C, D, E and F has a badminton match on a different day of a week starting from Monday and ending on Saturday of the same week. C has match on Friday. Only three people have matches between C and F. D has match immediately after E but immediately before B. On which day of the week does E have the match?

Ans A) Thursday B) Wednesday C) Tuesday D) Monday

Correct Answer: C

Q.3 Which of the following is a similarity between Hindustani and Carnatic music systems?

Ans A) Use of identical compositions B) Rejection of Shruti concept C) Exclusive focus on instrumental music D) Foundation on Raga and Tala

Correct Answer: D

Q.4 Which of the following scientists proposed the nuclear model of the atom based on the results of the gold foil experiment?

Ans A) John Dalton B) Ernest Rutherford C) Niels Bohr D) J.J. Thomson

Correct Answer: B

Q.5 In a certain code language, 'BUST' is coded as '3519' and 'LIDS' is coded as '6894'. What is the code for 'S' in that language?

Ans A) 1 B) 9 C) 4 D) 6

Correct Answer: B

Q.6 What should come in place of the question mark (?) in the given series?

145 141 133 121 105 ?

Ans A) 87 B) 81 C) 83 D) 85

Correct Answer: D

Q.7 Which organization concluded its 46th summit in Manama, where leaders adopted the Sakhir Declaration, reaffirming their commitment to deeper political, security, and economic integration?

Ans A) Organization of Islamic Cooperation (OIC) B) United Nations (UN) C) Gulf Cooperation Council (GCC) D) Arab League

Correct Answer: C

Q.8 Which of the given letter-number clusters will replace the question mark (?) in the following series to make it logically complete?
TRZ 2 RPX 5 PNV 8 NLT 11 ?

Ans A) MCA 15 B) AFU 14 C) KDY 15 D) LJR 14

Correct Answer: D

Q.9 By selling an article at $\frac{3}{10}$ of its actual selling price, Aman incurs a loss of 25%. If he sells it at 77% of its actual selling price, then the profit percentage is:

Ans A) 90.6% B) 91.4% C) 92.5% D) 92.6% **Correct Answer: C**

Q.10 What is the average of five consecutive even integers if the smallest integer is 28?

Ans A) 33 B) 32 C) 31 D) 30 **Correct Answer: B**

Q.11 A user mistakenly turns on the overwrite mode and each new letter replaces the old one in a line. Which key is responsible for toggling between the insert mode and the overwrite mode?

Ans A) F5 B) Del C) Ins D) Tab **Correct Answer: C**

Q.12 The intermediary that DNA molecules use to communicate with the rest of the cell is the:

Ans A) miRNA B) tRNA C) mRNA D) rRNA **Correct Answer: C**

Q.13 A car travels from City A to City B, a distance of 360 km. For the first half of the distance, it travels at a speed of 60 km/h. Due to traffic, it travels the next 120 km at 40 km/h. For the remaining distance, it travels at the same speed as it did for the first half. What is the average speed (in km/h) of the car for the entire trip, correct to two places after decimal?

Ans A) 52.43 km/h B) 49.43 km/h C) 51.43 km/h D) 50.43 km/h **Correct Answer: C**

Q.14 The total area covered by the Andaman & Nicobar Islands is approximately:

Ans A) 5,163 sq. kms B) 8,249 sq. kms C) 6,249 sq. kms D) 7,567sq. kms **Correct Answer: B**

Q.15 In a certain code language, 'BITE' is coded as '4568' and 'TIME' is coded as '4826'. What is the code for 'M' in the given code language?

Ans A) 8 B) 4 C) 2 D) 6 **Correct Answer: C**

Q.16 Which of the values of a, b, c given in the options satisfy the following equations?

$$\begin{aligned}3a - 4b + 2c &= -9 \\ -4a + 4b + 10c &= 32 \\ -a + 2b - 7c &= -7\end{aligned}$$

Ans A) (1, 4, 2) B) (2, 1, 4) C) (5, 1, 1) D) (3, 2, 2) **Correct Answer: A**

Q.17 Who among the following was the court poet of the Vardhana ruler, Harsha?

Ans A) Banabhatta B) Kalashoka C) Vasumitra D) Harishena **Correct Answer: A**

Q.18 What is the maximum value that must be assigned to A so that the 8-digit number 713A8845 is divisible by 3?

Ans A) 9 B) 8 C) 6 D) 7 **Correct Answer: A**

Q.19 A cone has a base radius of 6 cm and a height of 7 cm. It is to be filled with water, and for every 180 cc of water poured into the cone, an additional 20 cc of water is spilled while pouring. If the spillage is proportional as described, how much water (in cc) will be required to fill the cone to its brim? (Use $\pi = 22/7$ and give your answer correct to two decimal places.)

Ans A) 295.67 B) 296.67 C) 283.33 D) 293.33 **Correct Answer: D**

Q.20 Find the value of m, satisfying equation:

$$\left(\frac{13}{10}\right)^4 \times \left(\frac{10}{13}\right)^{16} \times \left(\frac{13}{10}\right)^{17} = \left(\frac{10}{13}\right)^{3m+18}$$

Ans A) $-\frac{29}{3}$ B) $-\frac{33}{3}$ C) $-\frac{24}{3}$ D) $-\frac{23}{3}$ **Correct Answer: D**

Q.21 What economic system was adopted by India post-1947 to balance the development of different sectors?

Ans A) Pure socialism B) Mixed economy C) Command economy D) Pure capitalism

Correct Answer: B

Q.22 A is the sister of B. C is the brother of D. E is the husband of D. B is the mother of C. How is A related to E?

Ans A) Wife's mother B) Wife's mother's sister C) Mother D) Mother's mother

Correct Answer: B

Q.23 If $\operatorname{cosec} A = \frac{5}{3}$, then find the value of $\frac{9(1 + \cot^2 A)}{80(1 - \sec A)(1 + \sec A)}$.

Ans A) $\frac{5}{7}$ B) $\frac{-7}{9}$ C) $\frac{3}{7}$ D) $\frac{-5}{9}$

Correct Answer: D

Q.24 Kc is the daughter of Cw. Lu is the father of Qk. Ef is the mother of Kc. Qk is the brother of Ef. How is Lu related to Cw?

Ans A) Wife's father B) Daughter's husband C) Wife's brother D) Sister's daughter

Correct Answer: A

Q.25 Refer to the following letter, symbol series and answer the question. Counting to be done from left to right only.

(Left) K { J % I + H = G * F / D : - ! B C ? A # (Right)

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

Ans A) SEVEN B) FOUR C) THREE D) TWO

Correct Answer: A

Q.26 In which year was the world's first commercial microprocessor, the Intel 4004, launched?

Ans A) 1985 B) 1960 C) 1945 D) 1971

Correct Answer: D

Q.27 C, D, N, O, P and Q live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it is numbered 2 and so on, till the topmost floor, which is numbered 6. D lives on the floor numbered 1. Only two people live between Q and P. Q lives below C. Only two people live between O and C. Only one person lives between D and C. How many people live above N?

Ans A) Two B) Four C) One D) Three

Correct Answer: A

Q.28 Which of the following was the capital expenditure (capex) announced for FY 2025-26 in the Union Budget of India?

Ans A) ₹8 lakh crore B) ₹10.0 lakh crore C) ₹11.21 lakh crore D) ₹13.5 lakh crore

Correct Answer: C

Q.29 63 is related to 159 following a certain logic. Following the same logic, 44 is related to 102. To which of the following is 57 related, following the same logic? (NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

Ans A) 152 B) 139 C) 141 D) 127

Correct Answer: C

Q.30 The area of a square is 8649 cm^2 . Its perimeter is equal to the perimeter of a regular hexagon. What is the area (in cm^2) of the hexagon?

Ans A) 5758 B) 5716 C) $5762\sqrt{3}$ D) $5766\sqrt{3}$

Correct Answer: D

Q.31 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 :: ?

: KUC :: XHP : %

Ans A) # = EOX % = DNV B) # = FOW % = DNV C) # = EOW % = DNO D) # = EOW % = DNV

Correct Answer: D

Q.32 Which of the following Articles of the Indian Constitution contains the fundamental duties?

Ans A) Article 51A

B) Article 31A

C) Article 61A

D) Article 41A

Correct Answer: A

Q.33 RILA is related to SKOE in a certain way based on the English alphabetical order. In the same way, KEPO is related to LGSS. To which of the following is MJRT related, following the same logic?

Ans A) NOYZ

B) NLUX

C) NMWX

D) NKTY

Correct Answer: B

Q.34 In December 2025, which organization issued a Request for Proposal (RfP) to establish 'Space Labs' in universities across India?

Ans A) Indian Space Research Organisation (ISRO)

B) Defence Research and Development Organisation (DRDO)

C) Department of Science and Technology (DST)

D) Indian National Space Promotion and Authorisation Centre (IN-SPACe)

Correct Answer: D

Q.35 The monthly incomes of two friends Mohan and David, are in the ratio 6 : 7 respectively and each of them saves ₹69,000 every month. If the ratio of their monthly expenditure is 2 : 3, find the monthly income of Mohan (in ₹).

Ans A) 1,03,500

B) 1,04,500

C) 1,44,900

D) 1,02,500

Correct Answer: A

Q.36 Which Article empowers the President to specify the Scheduled Castes in various states and union territories?

Ans A) Article 330

B) Article 341

C) Article 342

D) Article 344

Correct Answer: B

Q.37 If the mean proportional of two numbers is 14 and their third proportional is 112, then the numbers are:

Ans A) 14,14

B) 7,28

C) 4,44

D) 4,49

Correct Answer: B

Q.38 According to ____ of the Indian Constitution, the Parliament may by law, constitute a High Court for a Union territory.

Ans A) Article 239

B) Article 238

C) Article 240

D) Article 241

Correct Answer: D

Q.39 A, B, C, D, E, F and G sit around a circular table, facing the centre. Only one person sits between D and B when counted from the left of B. F sits third to the right of E. C sits third to the left of G. F sits to the immediate right of C. A is not an immediate neighbour of C. How many people sit between A and C when counted from the left of A?

Ans A) 2

B) 1

C) 4

D) 3

Correct Answer: B

Q.40 If the diameter of a circle is 14 cm, then what is the circumference of the circle?

$$\left(\text{Use } \pi = \frac{22}{7} \right)$$

Ans A) 36 cm

B) 44 cm

C) 22 cm

D) 24 cm

Correct Answer: B

Q.41 Identify the southernmost atomic/nuclear power station of India from the following options.

Ans A) Kudankulam Nuclear Power Station

B) Kakrapar Atomic Power Station

C) Narora Atomic Power Station

D) Madras Atomic Power Station

Correct Answer: A

Q.42 Which indigenous microprocessor, launched in 2025, marked a milestone in India's technological self-reliance as the country's first 1.0 GHz, 64-bit dual-core processor?

Ans A) VEGA-64 indigenous processor

B) DHRUV64 microprocessor

C) BHARAT-Core 64 microprocessor

D) SHAKTI-X64 microprocessor

Correct Answer: B

Q.43 Read the given statements and conclusions carefully. You have to take the given statements to be true even if they seem to be at variance from commonly known facts. You have to decide which conclusion/s logically follow/s from the given statements.

Statements:

All spoons are forks. All forks are cups. Some spoons are plates.

Conclusions:

(I) Some forks are plates.

(II) Some cups are plates.

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

Correct Answer: A

Q.44 The tropical climatic region is mainly confined to which latitudinal extent of the Earth?

Ans A) 23.5°N and 23.5°S B) 30.5°N and 30.5°S C) 28.5°N and 28.5°S D) 13.5°N and 13.5°S

Correct Answer: A

Q.45 Why did the Supreme Court consider mining activities near national parks and sanctuaries hazardous according to the November 13, 2025 order?

Ans A) Because they are dangerous to wildlife B) Because they increase tourism C) Because they boost local economy
D) Because they create water sources

Correct Answer: A

Q.46 When a motorcar makes a sharp turn at high speed, we tend to get thrown to one side. Which of the following explains this phenomenon?

Ans A) The law of inertia causes our body to resist the change in direction. B) The force of gravity acts in the opposite direction.
C) Change in air pressure inside the car pushes us outwards. D) The friction between the road and the tires decreases.

Correct Answer: A

Q.47 Evaluate: $(-9) - (-56) \div (-14) + (-2) \times 9$

Ans A) -33 B) -31 C) -30 D) -34

Correct Answer: B

Q.48 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 caps are helmets. All helmets are hats. No hat is a crown.

Conclusions:

(I) No cap is a crown.

(II) Some hats are caps.

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

Correct Answer: A

Q.49 If $\angle P$, $\angle Q$, $\angle R$ and $\angle S$ of a quadrilateral PQRS, taken in order, are in the ratio 4:3:7:6, then quadrilateral PQRS will be of which type?

Ans A) Kite B) Parallelogram C) Rhombus D) Trapezium

Correct Answer: D

Q.50 Two trains, Train A and Train B, are running on parallel tracks in the same direction. Train A, which is 150 metres long, is moving at 72 km/hr, while Train B, which is 120 metres long, is moving at 54 km/hr. How long will it take for Train A to completely overtake Train B?

Ans A) 58 seconds B) 50 seconds C) 54 seconds D) 52 seconds

Correct Answer: C

Q.51 By which of the following names is the National Institute of Kathak Dance commonly known as?

Ans A) Natya Institute of Kathak and Choreography B) Kathak Kendra C) Kathakali Kendra D) Lucknow Dance University

Correct Answer: B

Q.52 At what rate (in percentage, rounded off to two decimal place) per year will a sum of money double itself in 18 years on simple interest?

Ans A) 5.56 B) 3.56 C) 11.12 D) 7.56

Correct Answer: A

Q.53 Refer to the following letter, number and symbol series and answer the question that follows. Counting should be done from left to right only.

(Left) S # % 2 S 4 P # Z 4 B 8 5 R € * 8 © J & € N (Right)

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

Ans A) P B) Z C) 4 D) 2

Correct Answer: C

Q.54 Refer to the following letter, symbol series and answer the question. Counting to be done from left to right only.

(Left) H F G J D J V D K P = % S O C B = % B + # (Right)

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

Ans A) Two B) None C) Three D) One

Correct Answer: D

Q.55 The Indian Constitution empowers the Parliament to make laws on matters in the State List under which of the following circumstances?

1. When the Rajya Sabha passes a resolution to that effect
2. During a National Emergency
3. When states make a request
4. To implement international agreements
5. At the discretion of the Prime Minister

Ans A) 1, 2, 4, and 5 only B) 1, 2, 3, and 5 only C) 1, 2, 3, and 4 only D) 2, 3, 4, and 5 only

Correct Answer: C

Q.56 Seven boxes, A, B, C, D, E, F and G, are kept one over the other but not necessarily in the same order. F is kept second from the bottom. Only three boxes are kept between F and D. G is kept at one of the positions below F. Only E is kept between D and B. A is kept at one of the positions above D. How many boxes are kept above C?

Ans A) 4 B) 2 C) 3 D) 1

Correct Answer: A

Q.57 Which of the following social reformers founded the Arya Mahila Samaj to serve the cause of women?

Ans A) Mehribai Tata B) Sarla Devi Chaudhurani C) Pandita Ramabai D) Tarabai Premchand

Correct Answer: C

Q.58 Two taps can fill a cistern in 4 hours and 28 hours respectively. A third tap can empty it in 28 hours. How long (in hours) will it take to fill one-fourth of the empty cistern, if all of them are opened together?

Ans A) 2 B) 4 C) 3 D) 1

Correct Answer: D

Q.59 A typist takes 40 minutes to type 2 pages. How long (in minutes) will he take to type 89 pages?

Ans A) 1770 B) 1780 C) 1790 D) 1785

Correct Answer: B

Q.60 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.

Question:

Among 5 trees, L, M, N, T and V each having a different height, which tree is the tallest?

Statements:

(I) M is taller than V but shorter than N. M is shorter than only one tree.

(II) V is taller than T.

Ans A) Both statements I and II together are NOT sufficient to answer the question
B) Both statements I and II together (and not statement 1 alone or statement II alone) are sufficient to answer the question
C) Data in Statement II alone is sufficient to answer the question while data in statement I is not
D) Data in Statement I alone is sufficient to answer the question while data in statement II is not

Correct Answer: D

Q.61 Which of the following letter-number clusters will replace the question mark “?” in the given series to make it logically complete?
GCW 10, FAT 16, EYQ 22, DWN 28, ?

Ans A) CUK 34 B) CUJ 33 C) BUL 32 D) CVM 34

Correct Answer: A

Q.62 GLOW is related to KQRY in a certain way based on the English alphabetical order. In the same way, OVUA is related to SAXC. To which of the following is WFAE related, following the same logic?

Ans A) CKEG B) BLCH C) AKDG D) ZLEF

Correct Answer: C

Q.63 In December 2025, at which international event did India deliver its National Statement highlighting clean energy progress and Mission LiFE?

Ans A) G20 Summit B) World Environment Day 2024 C) COP26 Climate Summit
D) 7th Session of the United Nations Environment Assembly (UNEA)

Correct Answer: D

Q.64 P sells an item to Q at 50% profit. Q sells the same item to R at 32% loss. If R paid ₹ 5406 for the item, then at what price (in ₹) is the item purchased by P?

Ans A) 5300 B) 5301 C) 5302 D) 5299

Correct Answer: A

Q.65 Which painting form is known for its monochromatic style using white pigment on mud walls?

Ans A) Madhubani B) Warli C) Gond D) Pahari

Correct Answer: B

Q.66 Which constitutional amendment reduced the Parliament's approval period for National Emergency from two months to one month?

Ans A) 38th Amendment Act, 1975 B) 42nd Amendment Act, 1976 C) 52nd Amendment Act, 1985 D) 44th Amendment Act, 1978

Correct Answer: D

Q.67 There are 53 members in group A, 86 members in group B and 57 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 ₹424, ₹337 and ₹122, respectively. The overall average amount (in ₹) spent per member is:

Ans A) 297 B) 298 C) 303 D) 302

Correct Answer: B

Q.68 When a law passed by a State Legislature clashes with a Parliamentary law on a Concurrent List subject, what is the legal outcome?

Ans A) The matter is settled through a ruling by the Supreme Court B) The state legislation automatically overrides the central law
C) The central law overrides the state law unless the state law has Presidential assent D) The Parliament is obligated to annul the state law

Correct Answer: C

Q.69 On November 20, 2025, India signed the Terms of Reference (ToR) to initiate negotiations for a comprehensive Free Trade Agreement with which country?

Ans A) Israel B) United Arab Emirates C) Canada D) Australia

Correct Answer: A

Q.70 Find the mean proportional of 425 and 17.

Ans A) 85 B) 95 C) 75 D) 65

Correct Answer: A

Q.71 Who was popularly known as the 'Payyoli Express' in Indian sports history?

Ans A) Shoaib Akhtar B) Leander Paes C) Sania Mirza D) PT Usha

Correct Answer: D

Q.72 Which of the following is NOT a feature of alluvial soils in India?

Ans A) Rich in potash B) Very fertile C) Mainly consists of sand, silt and clay D) Primarily found in the Deccan Plateau

Correct Answer: D

Q.73 If the mode of a data exceeds its mean by 26.7, then the mode exceeds the median by _____. (Use empirical formula to find the answer)

Ans A) 10.5 B) 8.5 C) 17.8 D) 12.4

Correct Answer: C

Q.74 Based on the alphabetical order, three of the following four are alike in a certain way and thus form a group. Which is the one that does not belong to that group? (Note: The odd one out is not based on the number of consonants/vowels or their position in the letter cluster)

Ans A) LIF B) XUR C) EVY D) OLI

Correct Answer: C

Q.75 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) MP-OR

B) AD-CF

C) IL-KN

D) HK-JN

Correct Answer: D

Q.76 If $7 : 63 :: 6.5 : x$ and $7 : 42 :: 4 : y$, then what is the ratio of x to y ?

Ans A) 43 : 26

B) 37 : 17

C) 39 : 16

D) 40 : 14

Correct Answer: C

Q.77 If 2 is subtracted from each of the digits in the number 3975684 and the resultant digits are then re-arranged in ascending order from left to right, which digit will be fifth from the left end in the new number thus formed?

Ans A) 4

B) 2

C) 3

D) 5

Correct Answer: D

Q.78 Which of the following is the outcome of Globalization in India's economy?

Ans A) Outsourcing

B) Liberalisation

C) Privatisation

D) Nationalisation

Correct Answer: A

Q.79 Why is the Paika Rebellion of Odisha regarded as distinct among early anti-colonial uprisings in terms of the social background and traditional functions of its participants?

Ans A) It depended on support from foreign mercenary forces

B) It was driven mainly by urban craft guilds and traders

C) It was organised by large zamindars seeking revenue concessions

D) It was led by hereditary militia with local administrative roles

Correct Answer: D

Q.80 In which present-day state did the Jungle Mahal Uprising, also known as the Bhumij Revolt, take place?

Ans A) West Bengal

B) Odisha

C) Bihar

D) Jharkhand

Correct Answer: A

Q.81 Piyush has ₹1407 with him. He divides this amount between his two sons, Manoj and Anand, and asks them to invest their respective shares at a compound interest rate of 10% per annum, compounded annually. It is observed that Manoj's investment amounts to the same value after 16 years as Anand's investment does after 17 years. How much (in ₹) did Piyush give to Anand?

Ans A) 520

B) 737

C) 670

D) 837

Correct Answer: C

Q.82 If $a = 7 + 4\sqrt{3}$, then evaluate $(a^3 + \frac{1}{a^3})$.

Ans A) $1560\sqrt{3}$

B) -2702

C) $-1560\sqrt{3}$

D) 2702

Correct Answer: D

Q.83 Select the set in which the numbers are related in the same way as are the numbers of the following sets.
(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding / subtracting / multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)
(21, 52, 5)
(45, 138, 24)

Ans A) (17, 55, 11)

B) (11, 39, 9)

C) (36, 74, 1)

D) (41, 117, 18)

Correct Answer: C

Q.84 A shopkeeper fixes the marked price of an item 140% above its cost price. What percentage of discount on marked price should be allowed to gain 68%?

Ans A) 32%

B) 28%

C) 30%

D) 29%

Correct Answer: C

Q.85 The HCF of two numbers is 6 and their LCM is 72. If one of the numbers is 18, find the other number.

Ans A) 24

B) 12

C) 48

D) 36

Correct Answer: A

Q.86 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, a certain mathematical operation 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 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.)

$3 - 6 - 7 - 14$; $12 - 24 - 25 - 50$

Ans A) $25 - 50 - 25 - 35$ B) $20 - 40 - 41 - 82$ C) $15 - 30 - 60 - 62$ D) $11 - 22 - 21 - 42$

Correct Answer: B

Q.87 Which of the following options is closest to the speed of sound in air?

Ans A) 12000 m/s B) 3400 km/s C) 340 m/s D) 3×10^8 m/s

Correct Answer: C

Q.88 Which plateau belt in India is notably rich in both iron ore and coal resources?

Ans A) West-Eastern Plateau Region B) South-Western Plateau Region C) North-Eastern Plateau Region D) North-Western Plateau Region

Correct Answer: C

Q.89 Which of the following demonstrates the use of computers in scientific research?

Ans A) Online shopping B) Ticket reservation C) Simulation of experiments D) Word processing

Correct Answer: C

Q.90 In an election between two candidates, 80% of the registered voters cast their vote and 20% of the votes polled were found invalid. Winning candidate got 55% of the valid votes and won the election by a margin of 368 votes. How many voters were registered?

Ans A) 5747 B) 5751 C) 5750 D) 5749

Correct Answer: C

Q.91 In 2025, with the theme "My Great Story: Cultures and Development", International Migrants Day was observed on which of the following dates?

Ans A) December 18 B) December 19 C) December 21 D) December 20

Correct Answer: A

Q.92 What should come in place of '?' in the given series?

21 23 26 31 38 ?

Ans A) 53 B) 49 C) 47 D) 51

Correct Answer: B

Q.93 In climatology, what most accurately explains how seasonal conditions are experienced at a particular location?

Ans A) Short-term fluctuations in atmospheric elements B) Permanent climatic classification of the area
C) Long-term average atmospheric patterns of the region D) Latitudinal position of the place

Correct Answer: C

Q.94 If the mean of the following data is 41, then the value of X is:

x_i	30	40	55	95
f_i	31	X	50	17

Ans A) 1293 B) 1281 C) 1277 D) 1298

Correct Answer: C

Q.95 Yeti starts from Point A and drives 48 km towards North. He then takes a right turn, drives 50 km, turns right and drives 54 km. He then takes a right turn and drives 55 km. 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-degree turns only, unless specified.)

Ans A) 6 km to the west B) 5 km to the east C) 7 km to the west D) 4 km to the east

Correct Answer: B

Q.96 _____ is the sophisticated technology used by high-speed scanners (like those in commercial settings or advanced libraries) to capture a very accurate and detailed digital image from a physical document, often used for archival purposes.

Ans A) Optical Character Recognition (OCR) B) Magnetic Ink Character Recognition (MICR) C) Electrostatic Plotting D) Thermal Printing

Correct Answer: A

Q.97 Find the maximum value of the quadratic expression $Ax^2 + Bx + C = 0$, where $A < 0$.

- Ans
- A) $\frac{AC - B^2}{4A}$ B) $\frac{4AC - B^2}{4A}$ C) $\frac{4AC - B^2}{4}$ D) $\frac{B^2 - AC}{4A}$

Correct Answer: B

Q.98 What will come in the place of '?' in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged?
 $47 \div 12 + 164 \times 2 - 135 = ?$

- Ans A) 693 B) 601 C) 617 D) 666

Correct Answer: C

Q.99 What is one direct way in which economic infrastructure contributes to development?

- Ans A) It limits the expansion and growth of physical capital in various sectors
B) It restricts the improvements in human capital affecting labor quality
C) It decreases the overall productivity of all inputs across different sectors
D) The output or the final products of different segments of infrastructure

Correct Answer: D

Q.100 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 left of B. Only one person sits between B and R. Only one person sits between P and D. Only two people sit between O and R. Only one person sits between Q and D. Who sits to the immediate right and immediate left of C, respectively?

- Ans A) B and R B) Q and D C) P and B D) P and D

Correct Answer: D