



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	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 There are 9,632 students in a school and the ratio of boys to girls in the school is 17 : 11, then find the number of boys in the school.

- Ans
- A. 5,848
 - B. 5,831
 - C. 5,851
 - D. 5,828

Q.2 100 men have provisions for 26 days. If 60 men have left, for how many days the same provisions would last for the remaining men?

- Ans
- A. 67
 - B. 69
 - C. 63
 - D. 65

Q.3 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 mother of B' and
A ÷ B means 'A is the brother of B'.

Based on the above information, how is K related to O if 'K + L - M × N ÷ O'?

- Ans
- A. Mother's sister
 - B. Father's sister
 - C. Father's mother
 - D. Mother's mother

Q.4 Which report, released at the COP30 summit in 2025, highlights the rapid increase in global methane emissions and the need for urgent action to address climate change?

- Ans
- A. Global Climate Mitigation Outlook Report 2025
 - B. Global Methane Status Report 2025
 - C. International Greenhouse Gas Assessment Report 2025
 - D. Worldwide Atmospheric Pollution Trends Report 2025

Q.5 Let C be a circle with centre O. Let AB be a tangent to C such that AB touches the circle at point P. Let X and Y be any two points on C. If $\angle APX = 50^\circ$ and $\angle BPY = 60^\circ$, then find $\angle PXY$ and $\angle PYX$, respectively.

- Ans**
- A. $60^\circ, 50^\circ$
 - B. $50^\circ, 60^\circ$
 - C. $50^\circ, 130^\circ$
 - D. $60^\circ, 120^\circ$

Q.6 In a certain code language, 'kids are playing' is coded as 'pu rs bp' and 'people love kids' is coded as 'rs gu xc'. How is 'kids' coded in that language?

- Ans**
- A. xc
 - B. bp
 - C. pu
 - D. rs

Q.7 In the following number-pairs, the second number is obtained by applying certain mathematical operations to the first number. 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.)

15, 29
32, 63

- Ans**
- A. 11, 34
 - B. 14, 44
 - C. 17, 33
 - D. 23, 49

Q.8 Which option correctly completes the general word equation for a neutralisation reaction?
Base + Acid \rightarrow _____ + _____

- Ans**
- A. Salt + Water
 - B. Metal + Carbon Dioxide
 - C. Metal + Water
 - D. Salt + Carbon Dioxide

Q.9 What action did the Supreme Court take regarding mining near national parks and wildlife sanctuaries on November 13, 2025?

- Ans**
- A. Reduced protection area to 0.5 km
 - B. Banned mining activities within one km
 - C. Permitted mining with restrictions
 - D. Allowed mining activities anywhere

Q.10 If 34% of $50 - \frac{4}{6} \times \sqrt[3]{512} \times \sqrt{36} = y$, then the value of y is

- Ans**
- A. -18
 - B. -15
 - C. -12
 - D. -10

Q.11 In a certain code language, 'LITE' is coded as '1527' and 'EDIT' is coded as '5124'. What is the code for 'D' in the given code language?

- Ans**
- A. 4
 - B. 5
 - C. 1
 - D. 2

Q.12 The 68th annual Grammy Awards conducted on 1 February 2026, in Los Angeles, honoured which of the following performers as Best New Artist?

- Ans**
- A. Leon Thomas
 - B. Addison Rae
 - C. Lola Young
 - D. Olivia Dean

Q.13 A tank is filled by three pipes, P, Q and R, with uniform flow. The first two pipes P and Q, operating simultaneously, fill the tank in the same amount of time that it takes for the tank to be filled by pipe R alone. Pipe Q fills the tank 15 hours faster than the first pipe and 12 hours slower than pipe R. What is the time required by pipe P to fill the tank?

- Ans**
- A. 32 hours
 - B. 45 hours
 - C. 25 hours
 - D. 47 hours

Q.14 If the Government of India revokes the citizenship of an individual for acting against the interests of the country, which constitutional or statutory provision empowers it to do so?

- Ans**
- A. Section 6A of the Citizenship Act, 1955
 - B. Section 10 of the Citizenship Act, 1955
 - C. Article 5 of the Constitution
 - D. Article 11 of the Constitution

Q.15 What is the ratio between fourth proportional of 10, 80, 30 and fourth proportional of 7, 28, 19?

- Ans**
- A. 29:26
 - B. 60:19
 - C. 10:7
 - D. 30:19

Q.16 Which provision in Part II of the Constitution defines one basis for citizenship at the commencement, specifically that the person's either parent was born in India?

- Ans**
- A. Article 8
 - B. Article 9
 - C. Article 6
 - D. Article 5

Q.17 What did the Tax Reforms Committee recommend for Wealth Tax in 1991?

- Ans**
- A. rationalisation of property tax
 - B. abolition of wealth tax
 - C. restructuring of estate duty
 - D. removal of gift tax

Q.18 Find the minimum value of the quadratic expression $7x^2 - 7x + 22$.

- Ans
- A. $\frac{55}{4}$
 - B. $\frac{81}{4}$
 - C. $\frac{83}{4}$
 - D. $\frac{65}{4}$

Q.19 Unlike humans, a computer does not feel tired or bored while repeating the same task all day. This shows which characteristic?

- Ans
- A. Diligence
 - B. Intelligence
 - C. Versatility
 - D. Speed

Q.20 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:

No elephant is a horse. No horse is a donkey. No horse is a turtle.

Conclusions:

(I) No elephant is a donkey.

(II) Some turtles are donkeys.

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

Q.21 FIBA is related to EJAB in a certain way based on the English alphabetical order. In the same way, ZELU is related to YFKV. To which of the following is COIS related, following the same logic?

- Ans
- A. BQJV
 - B. BQGS
 - C. BOMS
 - D. BPHT

Q.22 D, E, F, G, S, T and U are sitting around a circular table facing the centre. T sits to the immediate left of S. U sits to the immediate left of D. D sits second to the left of G. E sits third to the left of S. Who sits fourth to the right of F?

- Ans
- A. S
 - B. G
 - C. D
 - D. T

Q.23 Amir Khusrau, the famous historian, said about a particular language that 'common people do not know it, only the Brahmanas do'. Which of the following languages did the historian talk about?

- Ans
- A. Palli
 - B. Sanskrit
 - C. Urdu
 - D. Hindu

Q.24 What is the key difference between extensive and intensive farming systems?

- Ans
- A. Irrigation used
 - B. Size of seed
 - C. Machinery type
 - D. Production per land unit

Q.25 Which significant milestone did the Ministry of Environment, Forest and Climate Change announce on World Environment Day 2025 regarding pollution?

- Ans
- A. Ban on all single-use plastics nationwide
 - B. Elimination of non-attainment cities
 - C. Closure of coal plants
 - D. Launch of "One Nation, One Mission: End Plastic Pollution"

Q.26 Which layer of the Earth plays the primary role in generating the planet's magnetic field?

- Ans
- A. Mantle
 - B. Outer core
 - C. Crust
 - D. Inner core

Q.27 The population of a village was 2,90,000. It increased by 15% in the first year and increased by 25% in the second year. Its population after two years is _____.

- Ans
- A. 3,33,500
 - B. 3,62,500
 - C. 4,16,875
 - D. 4,06,000

Q.28 The first E-Lok Adalat was held in which year in India?

- Ans
- A. 2016
 - B. 2020
 - C. 2012
 - D. 2014

Q.29 P, Q, R, S, E and F live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on till the topmost floor is numbered 6.
E lives on floor number 4. Only two people live between E and R. Only P lives between E and Q. S lives immediately below E.
Who lives on floor number 2?

- Ans
- A. S
 - B. Q
 - C. R
 - D. F

Q.30 If '+' means '-', '-' means 'x', 'x' means '÷', '÷' means '+', then what will come in place of the question mark (?) in the following equation?

$$57 - 7 \div 119 + 288 \times 2 = ?$$

- Ans
- A. 345
 - B. 311
 - C. 329
 - D. 374

Q.31 There are 75 members in group A, 47 members in group B and 15 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 ₹493, ₹397 and ₹465, respectively. The overall average amount (in ₹) spent per member is:

- Ans
- A. 457
 - B. 461
 - C. 462
 - D. 455

Q.32 Folk songs of Haryana are commonly known by which of the following names?

- Ans
- A. Raganis
 - B. Baul
 - C. Bhand
 - D. Bihu

Q.33 Girish scored 416 marks in an examination and was 79 marks short of 33% of maximum marks. In the same examination, his friend scored 555 marks. What is the percentage of marks scored by his friend?

- Ans
- A. 39%
 - B. 37%
 - C. 38%
 - D. 36%

Q.34 Who initiated a major archaeological or scientific study related to the Harappan site of Rakhigarhi in 2013?

- Ans
- A. Amrendra Nath
 - B. R.S. Bisht
 - C. Vasant Shinde
 - D. B.B. Lal

Q.35 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

DCE 19 FEG 14 HGI 9 JIK 4 ?

- Ans
- A. LKM -1
 - B. LPU -2
 - C. LJL -2
 - D. LLL -1

Q.36 Refer to the following number and symbol series and answer the question that follows. All numbers are single-digit numbers only.

(Left) 7 8 @ 1 # 4 \$ 5 % + ? 8 & 6 % 4 8 9 % (Right)

If all the symbols are dropped from the series, which of the following will be seventh from the right?

- Ans A. 4
 B. 9
 C. 8
 D. 6

Q.37 If $x + \frac{1}{x} = -3$, find the value of $x^3 + \frac{1}{x^3}$.

- Ans A. 0
 B. -18
 C. -3
 D. 9

Q.38 Which of the following themes guided global campaigns for World Polio Day 2025?

- Ans A. Immunization for All Ages across the country
 B. End Polio: Every Child, Every Vaccine, Everywhere
 C. Protecting Children from Diseases, all at once
 D. Vaccines for a Healthy Child and Healthy Future

Q.39 GOAT is related to IQCV in a certain way based on the English alphabetical order. In the same way, OWIB is related to QYKD. To which of the following options is UCOH related, following the same logic?

- Ans A. WERT
 B. WJQE
 C. WEQJ
 D. QJYU

Q.40 Which plant tissue is responsible for transporting water from the roots to the leaves?

- Ans A. Cortex
 B. Epidermis
 C. Xylem
 D. Phloem

Q.41 Consider the following statements regarding the 74th Amendment Act of 1992.

1. It has added a new Part IX-A to the Constitution of India.
2. The Act has also added a new 10th Schedule to the Constitution.
3. The Act provides for the constitution of three types of municipalities in every state.
4. It consists of provisions from Articles 243-P to 243-ZG.

Which of the above statements are correct?

- Ans A. 1, 3, and 4 only
 B. 1, 2, and 3 only
 C. 2 and 4 only
 D. 2 and 3 only

Q.42 Which Chalukya ruler defeated Harshavardhana on the banks of the Narmada?

- Ans A. Vikramaditya I
 B. Mangalesha
 C. Kirtivarman I
 D. Pulakesin II

Q.43 As of May 2025, which Indian Union Ministry does Piyush Goyal administer?

- Ans A. Ministry of Skill Development and Entrepreneurship
 B. Ministry of Commerce and Industry
 C. Ministry of Corporate Affairs
 D. Ministry of Labour and Employment

Q.44 Two automated lab machines start a calibration cycle at the same time.
 Machine A completes one cycle every **12 minutes**.
 Machine B completes one cycle every **18 minutes**.
 After how many minutes will **both machines complete a cycle together again?**

- Ans A. 48
 B. 24
 C. 30
 D. 36

Q.45 JELU is related to NHHV in a certain way based on the English alphabetical order. In the same way, BGMQ is related to FJOR. To which of the following is GKNP related, following the same logic?

- Ans A. KNPQ
 B. HMMQ
 C. LOQQ
 D. JMOQ

Q.46 What is the diameter of a circle if the numerical value of its area is equal to twice the numerical value of its perimeter?

- Ans A. 6 units
 B. 8 units
 C. 4 units
 D. 2 units

Q.47 Kartik has ₹1407 with him. He divides this amount between his two sons, Ishan and Krish, and asks them to invest their respective shares at a compound interest rate of 10% per annum, compounded annually. It is observed that Ishan's investment amounts to the same value after 11 years as Krish's investment does after 12 years. How much (in ₹) did Kartik give to Krish?

- Ans A. 670
 B. 837
 C. 520
 D. 737

Q.48 Each of the digits in the number 1847536 is arranged in the ascending order from left to right. The position of how many digits will remain unchanged as compared to that in the original number?

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

Q.49 Which temple's garbhagriha houses a Chaturmukha (four-faced) Vishnu image?

- Ans A. Lakshmana Temple, Khajuraho
 B. Meenakshi Temple, Madurai
 C. Brihadiswara Temple, Thanjavur
 D. Dashavatara Temple, Deogarh

Q.50 A solid is composed of a cube surmounted by a cuboid. The edge of the cube is x cm. The cuboid placed on top has a square base exactly fitting the top face of the cube, and its height is $(x - 4)$ cm. If the total volume of the solid is 1.5 times the volume of the cube, what is the value of x ?

- Ans
- A. 6
 - B. 8
 - C. 7
 - D. 5

Q.51 M, N, O, P, E and F live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it is numbered 2 and so on till the topmost floor is numbered 6. E lives on the topmost floor. Only three people live between E and M. O lives on a floor below M. N lives on an even-numbered floor. P lives on an odd-numbered floor but not on floor number 5. How many people live between F and M?

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

Q.52 Mr. X travelled 810 km, 492 km and 988 km at a speed of 30 km/hr, 12 km/hr and 38 km/hr, respectively. Find his average speed in km/hr.

- Ans
- A. $24\frac{18}{47}$
 - B. $24\frac{17}{47}$
 - C. $25\frac{20}{47}$
 - D. $24\frac{16}{47}$

Q.53 In 2025, which England cricketer was formally knighted during an investiture ceremony held at Windsor Castle on 28 October?

- Ans
- A. Stuart Broad
 - B. James Anderson
 - C. Alastair Cook
 - D. Joe Root

Q.54 The total surface area of a solid hemisphere is 272 cm^2 . Its radius (in cm) is:

(Take $\pi = \frac{22}{7}$)

- Ans
- A. $\sqrt{\frac{962}{33}}$
 - B. $\sqrt{\frac{968}{33}}$
 - C. $\sqrt{\frac{952}{33}}$
 - D. $\sqrt{\frac{946}{33}}$

Q.55 A dealer buys two articles X and Y for ₹500 each. He marks each of them at the same price. He sells X by giving two successive discounts of 20% and 45% and still earns ₹636 as profit. If he sells Y at a single discount of 67%, then what is the profit percentage on Y?

- Ans**
- A. 69.4%
 - B. 69%
 - C. 70%
 - D. 70.4%

Q.56 A shopkeeper purchased 47 dozens of articles at the rate of ₹480 per dozen. He sold each one of them at the rate of ₹78. What percentage profit did he make?

- Ans**
- A. 92%
 - B. 93%
 - C. 98%
 - D. 95%

Q.57 As per Census of 2011, which of the following states is least densely populated?

- Ans**
- A. Arunachal Pradesh
 - B. Assam
 - C. Mizoram
 - D. Rajasthan

Q.58 Walking at $\frac{3}{7}$ of his normal speed from his home, Lakshya is 20 minutes late in reaching his office. The usual time taken by him to cover the distance between his home and his office is

- Ans**
- A. 13 minutes
 - B. 11 minutes
 - C. 15 minutes
 - D. 5 minutes

Q.59 The following table shows the distribution of marks obtained by students in a test.

Marks Range	0-10	10-20	20-30	30-40	40-50
Number of Students	5	12	18	25	10

Find the mode. (Round off to two decimal places.)

- Ans**
- A. 32.56
 - B. 33.65
 - C. 33.18
 - D. 32.84

Q.60 Which type of soil is most suitable for cotton cultivation in India?

- Ans**
- A. Laterite soil
 - B. Red soil
 - C. Black soil
 - D. Alluvial soil

Q.61 In which year did the Union Cabinet approve the Employment Linked Incentive (ELI) Scheme, named as 'Pradhan Mantri Viksit Bharat Rozgar Yojana'?

- Ans**
- A. 2025
 - B. 2021
 - C. 2018
 - D. 2015

Q.62 Seven people F, G, H, I, U, V, and W are sitting around a circular table facing the centre of the table. V sits fourth to the left of G. Only three people sit between F and I when counted from the right of I. H sits to the immediate right of F. W is an immediate neighbour of I as well as V. Who sits third to the left of U?

- Ans
- A. W
 - B. I
 - C. V
 - D. G

Q.63 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. FI-JM
 - B. LO-NQ
 - C. RU-TW
 - D. DG-FI

Q.64 In a certain code language,
A + B means 'A is the father of B'
A – B means 'A is the wife of B'
A × B means 'A is the sister of B'
A ÷ B means 'A is the mother of B'.

Based on the above, how is R related to F if 'R – P + S × N ÷ F'?

- Ans
- A. Sister
 - B. Mother's mother
 - C. Father's mother
 - D. Father's sister

Q.65 What should come in place of '?' in the given series?

91 93 96 101 108 ?

- Ans
- A. 121
 - B. 119
 - C. 117
 - D. 123

Q.66 According to GFRA 2025, what was India's global rank in total forest area?

- Ans
- A. 6th
 - B. 12th
 - C. 15th
 - D. 9th

Q.67 Kartikeyan starts from Point A and drives 37 km towards West. He then takes a right turn, drives 26 km, turns right and drives 42 km. He then takes a right turn and drives 47 km. He takes a final right turn, drives 5 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
- A. 21 km to the North
 - B. 20 km to the South
 - C. 21 km to the South
 - D. 20 km to the North

Q.68 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 vultures are sparrows. Some sparrows are crows. No crow is a pigeon.

Conclusions:

(I) Some vultures are crows.

(II) No sparrow is a pigeon.

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

Q.69 In Windows 11, a file with the .msi file extension is primarily designed for which specific function?

- Ans**
- A. Editing raster and vector images
 - B. Storing formatted Text, Image and Document content
 - C. Encoding multimedia audio and video streams
 - D. Executing the installation of software applications

Q.70 The Taiga Type region is best described as which major natural region?

- Ans**
- A. Cool Temperate Grassland Region
 - B. Coniferous Forests Region
 - C. Equatorial Lowland Region
 - D. Cold Deserts Region

Q.71 The book "Poverty and Un-British Rule in India", which compiled evidence from British official sources to explain India's economic drain, was authored by whom?

- Ans**
- A. Gopal Krishna Gokhale
 - B. R. C. Dutt
 - C. Dadabhai Naoroji
 - D. M. G. Ranade

Q.72 What should come in place of the question mark (?) in the given series?

23 24 28 37 53 ?

- Ans**
- A. 82
 - B. 76
 - C. 78
 - D. 80

Q.73 Which of the following social reformers established the 'Bahishkrit Hitakarini Sabha' in 1924?

- Ans**
- A. Baba Amte
 - B. Jawaharlal Nehru
 - C. Jyotirao Phule
 - D. B R Ambedkar

Q.74 Find the value of m, satisfying equation:

$$\left(\frac{16}{5}\right)^{13} \times \left(\frac{5}{16}\right)^{16} \times \left(\frac{16}{5}\right)^5 = \left(\frac{5}{16}\right)^{6m+16}$$

- Ans
- A. 9
 - B. -3
 - C. -1
 - D. 6

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 operations 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 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.)
12 – 36 – 51 – 63; 20 – 60 – 75 – 87

- Ans
- A. 14 – 42 – 57 – 79
 - B. 25 – 75 – 90 – 102
 - C. 16 – 48 – 63 – 85
 - D. 10 – 30 – 55 – 67

Q.76 By selling an article at $\frac{2}{5}$ of its actual selling price, Akash incurs a loss of 24%.

If he sells it at 84% of its actual selling price, then the profit percentage is

- Ans
- A. 59.6%
 - B. 58.3%
 - C. 57.8%
 - D. 61.6%

Q.77 The Citizenship Amendment Act, 2019, provides citizenship to individuals belonging to which communities if they entered India before 31st December 2014 from Pakistan or Afghanistan or Bangladesh?

- Ans
- A. Sikh, Christian, Hindu, Jain only
 - B. Hindu, Sikh, Buddhist, Jain, Parsi, Christian
 - C. Muslim, Christian, Parsi, Sikh
 - D. Hindu, Muslim, Jain, Parsi

Q.78 At what rate (in percentage, rounded off to two decimal place) per year will a sum of money 5 times itself in 22 years on simple interest?

- Ans
- A. 20.18
 - B. 18.18
 - C. 16.18
 - D. 36.36

Q.79 Each of M, N, O, P, Q, R and S has an flight on a different day of a week starting from Monday and ending on Sunday of the same week. S has flight on third last day of the week. Only two people have flight between R and S. Only four people have flight between R and Q. P has flight immediately after N. M doesn't have flight on Monday. On which day does M have a flight?

- Ans
- A. Wednesday
 - B. Sunday
 - C. Saturday
 - D. Friday

Q.80 Which battle is regarded as the turning point that led to British political control in Bengal and opened the path for British expansion in India?

- Ans**
- A. Battle of Plassey
 - B. Third Carnatic War
 - C. Battle of Wandiwash
 - D. Battle of Buxar

Q.81 Which of the following is a characteristic of all living things?

- Ans**
- A. The ability to reproduce
 - B. The ability to move
 - C. The ability to speak
 - D. The ability to fly

Q.82 Select the set in which the numbers are related in the same way as are the numbers of the following sets.
(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding / 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.)

(7,18,39)
(3,19,28)

- Ans**
- A. (16,3,61)
 - B. (23,4,73)
 - C. (4,28,20)
 - D. (10,5,55)

Q.83 The abbreviation BIOS stands for:

- Ans**
- A. Basic Input/Output System
 - B. Binary Input/Output Storage
 - C. Basic Internal Output Software
 - D. Board Information Operating Setup

Q.84 If the median of a data is 77.74 less than its mode, then the median of the data exceeds its mean by _____. (Use the empirical formula to find the answer)

- Ans**
- A. 37.09
 - B. 44.11
 - C. 35.13
 - D. 38.87

Q.85 How many solutions for given three unknowns are possible to satisfy all these equations?

$$-3\alpha + 2\beta + -5\gamma = -14$$

$$2\alpha - 3\beta + 4\gamma = 10$$

$$\alpha + \beta + \gamma = 4$$

- Ans**
- A. Unique solution
 - B. Infinite solutions
 - C. No solution
 - D. Two solutions

Q.86 If $x = a\sin\theta$ and $y = a\cos\theta$, then find the relation between x , y and a .

- Ans**
- A. $x^2 - y^2 = -a^2$
 - B. $x^2 - y^2 = a^2$
 - C. $x^2 + y^2 = -a^2$
 - D. $x^2 + y^2 = a^2$

Q.87 Four years ago from now, the average age of Amit, Bharat and Chitra was 36 years. Six years ago from now, the average age of Amit and Bharat was 30 years. What was the age of Chitra three years ago from now?

- Ans**
- A. 45 years
 - B. 42 years
 - C. 40 years
 - D. 43 years

Q.88 This question is based on the five, three-digit numbers given below.

(Left) 564 487 769 478 546 (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 second highest number is added to the third digit of the lowest number?

- Ans**
- A. 10
 - B. 11
 - C. 12
 - D. 14

Q.89 Based on the English 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. PMJ
 - B. LIF
 - C. URQ
 - D. ZWT

Q.90 What is the maximum value that must be assigned to A so that the 8-digit number 588A9792 is divisible by 4?

- Ans**
- A. 5
 - B. 7
 - C. 6
 - D. 9

Q.91 Which folk music form of Uttar Pradesh is traditionally sung during the monsoon season by women?

- Ans**
- A. Kajri
 - B. Bhatiali
 - C. Lavani
 - D. Maang

Q.92 Who is credited with the discovery of the electron?

- Ans**
- A. Albert Einstein
 - B. Ernest Rutherford
 - C. J.J. Thomson
 - D. Marie Curie

Q.93 In December 2025, which existing Act does the Viksit Bharat—Guarantee for Rozgar and Ajeevika Mission (Gramin) (VB—G RAM G) Bill, 2025 seek to replace?

- Ans**
- A. Life Insurance Corporation Act, 1956
 - B. Insurance Regulatory and Development Authority Act, 1999
 - C. Mahatma Gandhi National Rural Employment Guarantee Act, 2005
 - D. Insurance Act, 1938

Q.94 If 6 machines can manufacture 480 components in 8 hours, how many components can 10 machines manufacture in 12 hours, assuming all machines work at the same constant rate?

- Ans** A. 1200
 B. 1000
 C. 1440
 D. 900

Q.95 What is rural development concerned with?

- Ans** A. Improvement of foreign trade relations
 B. Expansion of industrial zones
 C. Economic growth and social justice
 D. Development of metropolitan areas

Q.96 Which of the following countries serves as India's gateway to the ASEAN region by being the only ASEAN nation sharing a land boundary with India?

- Ans** A. Bhutan
 B. Myanmar
 C. Nepal
 D. Bangladesh

Q.97 This question is based on the five, three-digit numbers given below.
 (Left) 412 368 457 283 396 (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. 11
 B. 15
 C. 13
 D. 9

Q.98 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. Anita, Bhavna, Charu, Deepa, and Esha, each scored different marks. Who scored the lowest marks?

- (I) Bhavna scored more than Anita but less than Charu.
 (II) Deepa scored more than Anita but less than Bhavna.

- Ans** A. Both statements I and II together (and not statement I alone or statement II alone) are sufficient to answer the question
 B. Both statements I and II together are NOT 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

Q.99 Maria wants to manage startup programs and services that run automatically when Windows 11 starts. Which Windows utility provides dedicated "Startup" and "Services" task for this purpose?

- Ans** A. System Restore
 B. Windows Defender
 C. MSConfig
 D. Disk Cleanup

Q.100 Which of the given letter-number clusters will replace the question mark (?) in the following series to make it logically complete?
LEF 11 ATU 22 PIJ 33 EXY 44 ?

- Ans**
- A. TMN 55
 - B. JDY 56
 - C. LIE 55
 - D. KGO 66