रेलवे भर्ती बोर्ड / RAILWAY RECRUITMENT BOARDS

सीईएन - 07/2025 - एनटीपीसी पूर्व-स्नातक स्तर - CEN - 07/2025 - NTPC UNDER GRADUATE LEVEL

Test Date	20/06/2026
Test Time	4:30 PM - 6:00 PM
Subject	RRB NTPC UnderGraduate CBT 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 : **Mathematics**

Q.1 **A person walks 40 km at a speed of 5 km/hr, then runs 30 km at a speed of 10 km/hr. What is the ratio of walking time to running time?**

Ans
- ✗ A. 3 : 8
- ✗ B. 3 : 5
- ✗ C. 5 : 3
- ✓ D. 8 : 3

Q.2 **Suppose the ratio of income to expenditure is 8 : 5. If income rises by 40% and expenditure falls by 10%, and the initial expenditure is ₹10,000, what is the amount (in ₹) of saving after these changes?**

Ans
- ✓ A. 13,400
- ✗ B. 13,500
- ✗ C. 13,300
- ✗ D. 13,200

Q.3 **The area of a regular polygon with a side of 11 cm is 247.5 cm². If the perpendicular distance from the centre to the side of the polygon is 9 cm, what is the number of sides of the polygon?**

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

Q.4 **The largest four-digit number which when divided by 6, 10 and 14 leaves remainder 3 in each case is:**

Ans
- ✓ A. 9873
- ✗ B. 9716
- ✗ C. 9889
- ✗ D. 9932

Q.5 If $6^x - 6^{x-1} = 180$, then the value of $\frac{2x-1}{2x+3}$ is:

Ans
- ✗ A. $\frac{5}{14}$
- ✓ B. $\frac{5}{9}$
- ✗ C. $\frac{5}{6}$
- ✗ D. $\frac{5}{12}$

Q.6 S's expenditure is double the difference between his savings and expenditure. What percentage of his salary is his expenditure?

Ans
- ✓ A. 40%
- ✗ B. 42%
- ✗ C. 46%
- ✗ D. 44%

Q.7 A customer is given two options for purchasing a product priced at ₹8,000:

Option 1: A single discount of 30%.
Option 2: Successive discounts of 20% and 15%.

Which option provides a greater discount, and by how much?

Ans
- ✓ A. Option 2 and by ₹160
- ✗ B. Option 1 and by ₹160
- ✗ C. Option 1 and by ₹150
- ✗ D. Option 2 and by ₹150

Q.8 Pipe A can fill a cistern in 10 hours, pipe B in 15 hours, and pipe C can empty it in 30 hours. All three pipes are opened together. After 6 hours, pipe A is closed, but B and C continue working. How much total time will it take to completely fill the cistern?

Ans
- ✗ A. 20 hours
- ✗ B. 10 hours
- ✓ C. 12 hours
- ✗ D. 15 hours

Q.9 ABCD is a quadrilateral in which AB ∥ DC, and E and F are the mid points of the diagonals AC and BD, respectively. If AB = 14 cm, BC = 64 cm, DC = 72 cm, and AD = 47 cm, then what is the length (in cm) of EF?

Ans
- ✗ A. 27
- ✗ B. 28
- ✓ C. 29
- ✗ D. 31

Q.10 If the median of the data $\frac{x}{5}, x, \frac{x}{3}, \frac{2x}{3}, \frac{x}{4}, \frac{2x}{5}$ and $\frac{3x}{4}$, where $x > 0$ is 8.4, then find the value of x.

Ans
- ✗ A. 12
- ✗ B. 16
- ✗ C. 24
- ✓ D. 21

Q.11 An article is sold at a profit of 32%. If the cost price is increased by ₹20 and the selling price is reduced by ₹42, then the profit would be 27.5%. What is the original cost price (in ₹) of the article?

Ans
- ✔ A. 1,500
- ✘ B. 1,800
- ✘ C. 1,200
- ✘ D. 1,700

Q.12 Two taps can fill a cistern in 4 hours and 20 hours, respectively. A third tap can empty it in 20 hours. How long (in hours) will it take to fill one-fourth of the empty cistern if all the taps are opened together?

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

Q.13 Simplify: 30 + [{-9 × (26 - 11 + 3)}]

Ans
- ✔ A. -132
- ✘ B. -134
- ✘ C. -135
- ✘ D. -133

Q.14 The 7-digit number 12A916B is divisible by 24. What is the maximum value of (A + B)?

Ans
- ✘ A. 16
- ✔ B. 17
- ✘ C. 13
- ✘ D. 12

Q.15 The sum of two positive numbers is 88 and their product is 1927. The positive difference between them is:

Ans
- ✘ A. 17
- ✘ B. 26
- ✔ C. 6
- ✘ D. 21

Q.16 If a and b are two coprime numbers such that a + b = 41, then what is the maximum possible value of a × b?

Ans
- ✘ A. 360
- ✘ B. 540
- ✔ C. 420
- ✘ D. 210

Q.17 A trader fixes the marked price of an article at ₹10,630. He sells it to customers for ₹9248.10 after giving certain discount. Find the discount percentage.

Ans
- ✔ A. 13%
- ✘ B. 14%
- ✘ C. 12%
- ✘ D. 9%

Q.18 A solid cylinder of radius R and height H, is melted and recast into three identical cylinders, each having the same height as the original cylinder but half the radius of the original cylinder. What fraction of the original cylinder's volume remains unused?

Ans
- ✗ A. $\frac{3}{4}$
- ✓ B. $\frac{1}{4}$
- ✗ C. $\frac{2}{3}$
- ✗ D. $\frac{1}{2}$

Q.19 Saumya has ₹ 24,800 in denominations of ₹500 and ₹100 notes. The number of ₹500 notes is 4 more than the number of ₹100 notes. Find the number of ₹100 notes.

Ans
- ✗ A. 40
- ✓ B. 38
- ✗ C. 42
- ✗ D. 36

Q.20 Three bags A, B, and C contain only red and blue marbles.
In Bag A, the ratio of red to blue marbles is 2 : 3.
In Bag B, the ratio of red to blue marbles is 4 : 1.
In Bag C, the ratio of red to blue marbles is 3 : 2.
Which bag has the highest proportion of red marbles?

Ans
- ✗ A. Bag A
- ✗ B. Bag C
- ✓ C. Bag B
- ✗ D. All bags have the same proportion.

Q.21 A man sells a watch at a loss of 10%. Had he increased the selling price by ₹120, the transaction would have resulted in a gain of 5%. Determine the selling price of the watch.

Ans
- ✗ A. ₹840
- ✓ B. ₹720
- ✗ C. ₹760
- ✗ D. ₹800

Q.22 The simple interest on ₹55,000 at 5.5% per annum simple rate of interest is ₹_____ in 5.5 years.

Ans
- ✓ A. 16,637.5
- ✗ B. 14,452.5
- ✗ C. 15,525.5
- ✗ D. 17,712.5

Q.23 Simplify: $0.375 + \frac{3}{8} - 0.125$

Ans
- ✗ A. 0.875
- ✓ B. 0.625
- ✗ C. 0.5
- ✗ D. 0.75

Q.24 **A sum becomes ₹9,075 after 2 years at 10% per annum compound interest, compounded annually. What was the principal amount (in ₹)?**

Ans
- ✗ A. 7,650
- ✗ B. 7,800
- ✓ C. 7,500
- ✗ D. 8,000

Q.25 **From the top of a building 20 m high, the angles of depression of the top and the bottom of a tower standing on the same horizontal ground are observed to be 30° and 60°, respectively. The height (in meter) of the tower is:**
(Round off your answer to two decimal places.)

Ans
- ✓ A. 13.33 m
- ✗ B. 12.67 m
- ✗ C. 13.67 m
- ✗ D. 12.33 m

Q.26 **A cyclist travels from point A to B and then returns from B to A along the same route. On the onward journey, he covers two-fifths of the distance at 15 km/hr and the remaining distance at 20 km/hr. On the return journey, he covers one-fourth of the distance at 16 km/hr and the remaining distance at 24 km/hr. Find the average for the entire trip. (Round off your answer to two decimal places.)**

Ans
- ✓ A. 19.32 km/hr
- ✗ B. 20.56 km/hr
- ✗ C. 17.54 km/hr
- ✗ D. 23.34 km/hr

Q.27 **The following data represents the weekly wages (in ₹) of the employees**

Find the arithmetic mean of the weekly wages (in ₹).

Weekly wages (in ₹)	900	1000	1100	1200	1300	1400	1500
Number of employees	12	12	14	13	14	11	14

Ans
- ✓ A. ₹1204.44
- ✗ B. ₹1186.25
- ✗ C. ₹1226.85
- ✗ D. ₹1056.35

Q.28 **Eight years ago, the age of Mr Gupta was four times that of his nephew, Rohit. After 6 years, Mr Gupta's age will be twice that of Rohit. Find the present age of Mr Gupta.**

Ans
- ✗ A. 42 years
- ✓ B. 36 years
- ✗ C. 38 years
- ✗ D. 40 years

Q.29 **What is the smallest natural number 'x' that needs to be subtracted from 13 and 25 so that the fourth proportional of the resulting numbers is 49?**

Ans
- ✓ A. 4
- ✗ B. 2
- ✗ C. 3
- ✗ D. 5

Q.30 **Three positive numbers are in the ratio 3:5:7. If the sum of their squares is 2075, then the middle number is:**

Ans
- ✗ A. 20
- ✓ B. 25
- ✗ C. 30
- ✗ D. 15

Section : **General Awareness**

Q.31 **In a Word document form, when you press the Tab key after filling a name field, to which element does the focus shift?**

Ans
- ✗ A. Deletes all entered form data instantly
- ✓ B. Moves cursor to subsequent input field or table cell
- ✗ C. Prints the form with current entries
- ✗ D. Saves document and closes the form view

Q.32 **Which of the following statements about Lok Adalat is correct?**

Ans
- ✗ A. Lok Adalat follows a lengthy and complex procedure similar to regular courts.
- ✗ B. Lok Adalat mainly resolves disputes through arbitration.
- ✗ C. Lok Adalat decisions are not binding on parties.
- ✓ D. Lok Adalat has the power to enforce its decisions like a civil court.

Q.33 **What record did Smriti Mandhana break in the 2025 Women's Cricket World Cup?**

Ans
- ✗ A. Most wickets by a batter
- ✓ B. Most runs in a single edition of the Women's World Cup
- ✗ C. Highest individual score in a Women's World Cup final
- ✗ D. Fastest century ever in WODIs

Q.34 **Which of the following physiographic regions of India receives average annual rainfall of more than 200 cm?**

Ans
- ✓ A. Western Ghats
- ✗ B. Thar Desert
- ✗ C. Interior Deccan Plateau
- ✗ D. Ladakh region

Q.35 **In December 2025, which state government announced that the Veerangana Durgavati Tiger Reserve will be developed as a cheetah habitat before the onset of the next monsoon?**

Ans
- ✗ A. Nagaland
- ✓ B. Madhya Pradesh
- ✗ C. Uttar Pradesh
- ✗ D. Bihar

Q.36 **What was the primary theme of ClimateNXT 2025, the Indian summit held on World Environment Day (June 5, 2025)?**

Ans
- ✓ A. Beat Plastic Pollution
- ✗ B. Water conservation
- ✗ C. Clean air / urban pollution
- ✗ D. Renewable energy transition

Q.37 Before becoming Sultan, Alauddin Khalji held which important post under Jalaluddin?

Ans
- ✔ A. Amir-i-Tuzuk
- ✘ B. Diwan-i-Arz
- ✘ C. Wazir
- ✘ D. Sadr-us-Sudur

Q.38 Tallness in pea plants as identified by Mendel, represents which type of trait?

Ans
- ✘ A. Acquired traits
- ✘ B. Recessive traits
- ✘ C. Hidden traits
- ✔ D. Dominant traits

Q.39 The Vidhan Sabha is also known as the:

Ans
- ✔ A. Legislative Assembly
- ✘ B. Legislative Council
- ✘ C. State Parliament
- ✘ D. Council of Ministers

Q.40 Mirage is an optical illusion which can be explained based on which of the following phenomena of light?

Ans
- ✘ A. Interference
- ✘ B. Diffraction
- ✔ C. Total Internal Reflection
- ✘ D. Photoelectric Effect

Q.41 By what percentage did the union government ask the states to cut down cooking oil use in mid-day meals in government and aided schools in March 2025?

Ans
- ✘ A. 15%
- ✔ B. 10%
- ✘ C. 25%
- ✘ D. 20%

Q.42 Which of the following provisions of the Constitution of India specifies the power of Parliament to amend the Constitution?

Ans
- ✘ A. Article 356
- ✘ B. Article 352
- ✔ C. Article 368
- ✘ D. Article 370

Q.43 Which of the following rivers helps define a portion of the India–Bangladesh border?

Ans
- ✘ A. Mahanadi
- ✘ B. Narmada
- ✘ C. Brahmaputra
- ✔ D. Ganga

Q.44 According to the Constitution of India, freedom of the press is implicitly protected as part of which specific Article guaranteeing freedom of speech and expression?

Ans
- ✘ A. Article 32
- ✔ B. Article 19(1)(a)
- ✘ C. Article 22
- ✘ D. Article 21

Q.45 Which of the following densities measures the pressure of population on net cultivated area in India?

Ans
- ✔ A. Physiological density
- ✘ B. Agricultural density
- ✘ C. Nutritional density
- ✘ D. Economic density

Q.46 As per Indian Constitution the Election Commission of India is a _____.

Ans
- ✔ A. Constitutional body
- ✘ B. Non-Constitutional body
- ✘ C. Quasi-judicial body only
- ✘ D. Statutory body

Q.47 The 26th of January is celebrated every year in India as which of the following?

Ans
- ✔ A. Republic Day
- ✘ B. National Girl Child Day
- ✘ C. Constitution Day
- ✘ D. National Consumer Day

Q.48 Which trophy is presented to the national football team that wins the UEFA European Championship?

Ans
- ✘ A. Copa America Trophy
- ✘ B. Confederations Cup Trophy
- ✘ C. FIFA World Cup Trophy
- ✔ D. Henri Delaunay Trophy

Q.49 The development of high-level programming languages such as FORTRAN and COBOL changed computer use in which significant way?

Ans
- ✘ A. It forced all programmers to use binary numbers only.
- ✔ B. It allowed programs to be written in more human-readable forms, making complex software easier to develop.
- ✘ C. It eliminated the need for compilers.
- ✘ D. It made computers work only for scientific calculations.

Q.50 During the 2025 event, SAMANVAY-2025, how many licensing agreements for technology transfer were handed over to industry partners by DRDO?

Ans
- ✘ A. 20
- ✔ B. 12
- ✘ C. 5
- ✘ D. 8

Q.51 Which of the following organisations releases the National Multidimensional Poverty Index (MPI) in India?

Ans
- ✘ A. Bureau of Indian Standards
- ✔ B. NITI Aayog
- ✘ C. Union Public Service Commission
- ✘ D. Reserve Bank of India

Q.52 Who authored the book ‘Das Paise ka Postcard’, released in 2025?

Ans
- ✘ A. Bidyut Chakrabarty
- ✘ B. Prakash Chand Kandpal
- ✘ C. V.S. Ravi
- ✔ D. Capt. S.N. Ahmed

Q.53 The 'Saila' dance is associated with which of the following states?

Ans
- ✗ A. Goa
- ✗ B. Jharkhand
- ✓ C. Chhattisgarh
- ✗ D. Haryana

Q.54 The Rowlatt Satyagraha of 1919 was launched by Gandhi to protest against:

Ans
- ✓ A. Laws allowing detention and punishment without trial
- ✗ B. New salt tax and increase in land revenue
- ✗ C. Partition of Bengal and separate electorates
- ✗ D. Ban on vernacular press and public meetings

Q.55 Which leader in their keynote address at the World Sustainable Development Summit 2025 exemplified "Guyana's growth without compromising environmental sustainability"?

Ans
- ✗ A. Bharrat Jagdeo
- ✗ B. Marina Silva
- ✗ C. Vibha Dhawan
- ✓ D. Mark Phillips

Q.56 Which among the following sector contributed 26.67% of India's overall merchandise export in 2024-25?

Ans
- ✗ A. Gold
- ✗ B. Edible oil
- ✓ C. Engineering goods
- ✗ D. Crude petroleum

Q.57 Which Swiss chemist was the first to formulate his ideas about the structures of coordination compounds?

Ans
- ✗ A. Robert Bunsen
- ✗ B. John Dalton
- ✗ C. Isaac Newton
- ✓ D. Alfred Werner

Q.58 When was the Rangarajan Committee constituted to review the Methodology for Measurement of Poverty in India?

Ans
- ✗ A. 2014
- ✓ B. 2012
- ✗ C. 2008
- ✗ D. 2010

Q.59 Which power mode is required for systems using Instant-on / Always-Connected experiences in Windows 10 and 11?

Ans
- ✗ A. Legacy Hibernate
- ✗ B. Hybrid Sleep
- ✓ C. Modern Standby
- ✗ D. S3 Sleep

Q.60 The balance of payments crisis that India faced in 1991 occurred mainly due to:

Ans
- ✗ A. Excess industrial production
- ✗ B. Rapid growth in service exports
- ✓ C. Large fiscal and current account deficits
- ✗ D. Sudden surge in foreign remittances

Q.61 In which year was the Taj Mahal of India inscribed as a UNESCO World Heritage Site?

Ans
- ✔ A. 1983
- ✘ B. 1980
- ✘ C. 1984
- ✘ D. 1981

Q.62 The Battle of Chausa, fought on 26 June 1539, was a military engagement between:

Ans
- ✘ A. Akbar and Hemu
- ✘ B. Aurangzeb and Dara Shikoh
- ✔ C. Humayun and Sher Shah Suri
- ✘ D. Babur and Ibrahim Lodi

Q.63 Which of the following was a major reason for the arrival of Europeans in India?

Ans
- ✘ A. To establish democratic governance
- ✘ B. To spread industrialization
- ✘ C. To promote European art and culture
- ✔ D. To find a direct sea route for the spice trade

Q.64 The Human Development Index (HDI) rankings are based on a score between _____.

Ans
- ✘ A. 1 to 2
- ✘ B. 0 to 5
- ✘ C. 1 to 10
- ✔ D. 0 to 1

Q.65 Which statement correctly describes the role of Gopal Krishna Gokhale in the early Indian National Movement?

Ans
- ✘ A. He initiated armed revolutionary propaganda against British oppression.
- ✘ B. He founded the Swaraj Party in 1923 to contest British-imposed elections.
- ✔ C. He worked via constitutional reforms and moderate methods, respected as Gandhi's political mentor.
- ✘ D. He led the Salt March in 1930 as a protest against the salt tax.

Q.66 India became a founding member of which global organization promoting peace and cooperation?

Ans
- ✔ A. United Nations
- ✘ B. NATO
- ✘ C. OPEC
- ✘ D. ASEAN

Q.67 What is the primary purpose of Task Manager in Windows?

Ans
- ✘ A. To manage user passwords
- ✘ B. To edit text documents
- ✔ C. To monitor and manage running applications, processes and system performance
- ✘ D. To install new applications

Q.68 Which of the following landforms develops when a river cuts through a ridge, forming a narrow and steep-sided passage?

Ans
- ✘ A. Plain
- ✘ B. Moraines
- ✔ C. Gorge
- ✘ D. Dune

Q.69 **Which type of mixture is formed when Ethyl alcohol is dissolved in water?**

Ans
- ✗ A. Compounds
- ✗ B. New element
- ✓ C. Homogeneous
- ✗ D. Heterogeneous

Q.70 **The Pattachitra paintings, known for intricate detailing and mythological themes, originate from which Indian state?**

Ans
- ✗ A. Rajasthan
- ✗ B. Assam
- ✗ C. Madhya Pradesh
- ✓ D. Odisha

Section : General Intelligence and Reasoning

Q.71 **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 conclusions logically follow/s from the given statements.**

Statements: All vans are trailers. No trailer is a scooter.
Conclusion (I) : No van is a scooter
Conclusion (II) : Some scooters are trailers

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

Q.72 **In a certain code language,**

A ← B means 'A is the wife of B',
A ≥ B means 'A is the brother of B',
A @ B means 'A is the father of B', and
A £ B means 'A is the daughter of B'.

Based on the above, how is P related to U if 'P £ D ← M @ L ≥ U'?

Ans
- ✗ A. Wife
- ✓ B. Sister
- ✗ C. Daughter
- ✗ D. Mother

Q.73 **If 3 is added to each odd digit and 2 is subtracted from each even digit in the number 8254316, then how many digits will appear more than once in the new number thus formed?**

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

Q.74 **What should come in place of '?' in the given series?**
80 ? 89 98 110 125

Ans
- ✗ A. 85
- ✗ B. 84
- ✓ C. 83
- ✗ D. 82

Q.75 Refer to the given letter series and answer the question that follows.

(Left) S E S I B V V R R I Y S S P B T K S A P P (Right)

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

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

Q.76 Refer to the following letter series and answer the question that follows. Counting to be done from left to right only.

(Left) L R I D P E Q Y H D V Q U Y L X F H A U Z (Right)

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

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

Q.77 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. DP – ZL
- ✓ B. RM – IN
- ✗ C. KS – GO
- ✗ D. YH – UD

Q.78 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 which follows the same logic.
FORT - RTFO - TROF
SIGN - GNSI - NGIS

Ans
- ✓ A. RAFT - FTRA - TFAR
- ✗ B. DIRT - TRID - IRTD
- ✗ C. DOVE - OVED - EVOD
- ✗ D. FILE - LEFI - ELFI

Q.79 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 man out is not based on the number of consonants/vowels or their position in the letter cluster.)

Ans
- ✗ A. KMP
- ✗ B. QSV
- ✗ C. FHK
- ✓ D. DFJ

Q.80 In the following triad, each group of letters is related to the subsequent one following a certain logic. Select, from the given options, the one which follows the same logic.
WORD - RWOD - DROW
JAMS - MJAS - SMAJ

Ans
- ✗ A. AGES - AEGS - SEGA
- ✗ B. VAST - SVAT - ASTV
- ✓ C. YEAR - AYER - RAEY
- ✗ D. POLE - OPLE - EOLP

Q.81 In a certain code language,
A × B means 'A is the mother of B',
A – B means 'A is the brother of B',
A + B means 'A is the wife of B' and
A * B means 'A is the father of B'.

How is H related to J if 'H + I * O × D – J'?

Ans
✗ A. Mother
✓ B. Mother's mother
✗ C. Mother's sister
✗ D. Sister

Q.82 What should come in place of the '?' in the given series?

6 15 29 54 84 125 ?

Ans
✗ A. 173
✗ B. 177
✗ C. 179
✓ D. 171

Q.83 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?
BDF 2 FHJ 5 JLN 8 NPR 11 ?

Ans
✓ A. RTV 14
✗ B. SVX 14
✗ C. SSV 14
✗ D. RUV 14

Q.84 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 conclusions logically follow/s from the given statements.

Statements: Some pens are markers. All markers are stands.
Conclusion (I) : Some pens are stands
Conclusion (II) : All stands are markers

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.85 Rishi starts from Point A and drives 23 km towards the north. He then takes a left turn, drives 8 km, turns left and drives 28 km. He then takes a left turn and drives 17 km. He takes a final left 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-degree turns only unless specified.)

Ans
✗ A. 8 km to the west
✓ B. 9 km to the west
✗ C. 9 km to the east
✗ D. 8 km to the east

Q.86 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

BVY 32, WQT 16, RLO 8, MGJ 4, ?

Ans
✗ A. REX 4
✗ B. HCD 2
✗ C. LFY 8
✓ D. HBE 2

Q.87 Each of the digits in the number 3749685 is arranged in 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. None
- ✓ C. Two
- ✗ D. One

Q.88 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 one out is not based on the number of consonants/vowels or their position in the letter-cluster pairs.)

Ans
- ✗ A. VB-TN
- ✗ B. SY – QK
- ✗ C. KQ-IC
- ✓ D. PV – MH

Q.89 In a certain code language, ‘tale jaw bow’ is coded as 'vl ud np' and ‘law bow fresh’ is coded as ‘pq re ud’. How is ‘bow’ coded in the given language?

Ans
- ✓ A. ud
- ✗ B. pq
- ✗ C. np
- ✗ D. vl

Q.90 Select the pair which follows the same pattern as that followed by the two pairs given below. Both pairs follow the same pattern.

VUT−PON
TSR−NML

Ans
- ✗ A. YWU−SRQ
- ✗ B. YXW−RRP
- ✓ C. YXW−SRQ
- ✗ D. YWU−RQP

Q.91 Each vowel in the word PERBLAD is changed to the letter immediately following it in the English alphabetical order, and each consonant is changed to the letter immediately preceding it in the English alphabetical order. How many letters will appear exactly twice in the new group of letters thus formed?

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

Q.92 Which two numbers should be interchanged to make the given equation correct?

(6 × 14) ÷ 2 + 18 × 4 - 28 ÷ 7 + 34 = 87

Ans
- ✗ A. 7 and 4
- ✗ B. 14 and 18
- ✗ C. 6 and 4
- ✓ D. 4 and 2

Q.93 Seven people, S, T, I, C, K, E and R, are sitting in a row, facing north. Only two people sit between C and I. Only K sits to the right of E. Only one person sits between I and E. S sits at some place to the right of R but at some place to the left of T. Who sits third from the right end of the line?

Ans
- ✗ A. C
- ✗ B. I
- ✗ C. S
- ✓ D. T

Q.94 Seven people, A, B, U, D, R, H and J, are sitting in a row, facing north.
Only five people sit to the right of D. Only four people sit to the left of H. R is the immediate neighbour of A and D. J sits to the immediate right of B.
How many people sit between U and D?

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

Q.95 Seven boxes A, B, C, D, E, F and G are kept one over the other but not necessarily in the same order. Only three boxes are kept above C. Only one box is kept between D and C. Only three boxes are kept between D and E. E is kept at some place above C. G is kept immediately below E. F is kept at one of the places above B. A is not kept immediately above or below D. Which box is kept immediately above F?

Ans
- ✗ A. D
- ✗ B. G
- ✗ C. A
- ✓ D. C

Q.96 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?
ADG 3 EHK 6 ILO 9 MPS 12 ?

Ans
- ✗ A. RUX 15
- ✗ B. QTV 15
- ✓ C. QTW 15
- ✗ D. QSW 15

Q.97 Six boxes D, E, F, G, H and A are kept one over the other but not necessarily in the same order. Only three boxes are kept below A. Only two boxes are kept between A and E. No box is kept above G. H is kept at some place below F and at some place above D. How many boxes are kept between H and D?

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

Q.98 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 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.)

89, 104
157, 172

Ans
- ✗ A. 56, 72
- ✗ B. 97, 111
- ✗ C. 39, 64
- ✓ D. 138, 153

Q.99 In a certain code language, ‘bat view month’ is coded as 'nd wz nh' and ‘oven month gum’ is coded as ‘on ju wz’. How is ‘month’ coded in the given language?

Ans
- ✗ A. nh
- ✗ B. on
- ✓ C. wz
- ✗ D. nd

Q.100 Seven boxes A, B, C, D, E, F and G are kept one over the other but not necessarily in the same order. Only three boxes are kept below D. Only two boxes are kept between D and C. Only F is kept above G. B is kept at some place below A and some place above E. Which box is kept immediately above B?

Ans
- ✗ A. C
- ✗ B. A
- ✗ C. F
- ✓ D. D

"