रेलवे भर्ती बोर्ड / RAILWAY RECRUITMENT BOARDS

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

Test Date	15/06/2026
Test Time	9:00 AM - 10:30 AM
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 **In a school, Class A has 24 students with an average height of 160 cm, and Class B has 20 students with an average height of 168 cm. The average height of students in Class C is 165 cm. If the overall average height of all students from Classes A, B and C is 164 cm, find the number of students in Class C.**

Ans
✗ A. 20
✗ B. 26
✗ C. 18
✓ D. 16

Q.2 **Two trains of lengths 160 meters and 140 meters are moving in opposite directions at 55 km/h and 65 km/h, respectively. Find the time taken by them to cross each other completely.**

Ans
✗ A. 6 seconds
✓ B. 9 seconds
✗ C. 8 seconds
✗ D. 10 seconds

Q.3 **A company hires a certain number of temporary workers for a project. If each worker is paid ₹500 per day, the total daily wage bill exceeds the company's budget by ₹4,000. If instead each worker is paid ₹450 per day, the total daily wage bill falls short of the budget by ₹2,000. Find the number of workers hired.**

Ans
✓ A. 120
✗ B. 160
✗ C. 200
✗ D. 280

Q.4 **Workers P and Q can complete a task in 16 days if working together. P alone takes 24 days. If P and Q start the task together, but Q leaves after 4 days, how many more days will P alone take to finish the work?**

Ans
✗ A. 10 days
✗ B. 6 days
✗ C. 9 days
✓ D. 18 days

Q.5 If the average of three numbers is 7, what is their total sum?

Ans
- ✗ A. 7
- ✓ B. 21
- ✗ C. 10
- ✗ D. 14

Q.6 Evaluate $\sqrt{36}+\sqrt{\frac{324}{81}}+\sqrt{\frac{9.5\times0.0085\times18.9}{0.021\times0.0017\times1.9}}$.

Ans
- ✗ A. 154
- ✗ B. 156
- ✓ C. 158
- ✗ D. 152

Q.7 From the top of a building $100\sqrt{3}$ meters high, the angle of depression to a bicycle on the ground is 30°. What is the horizontal distance (in meters) from the building to the bicycle?

Ans
- ✗ A. 150
- ✗ B. 200
- ✗ C. 250
- ✓ D. 300

Q.8 Raghav drives from City A to City B in three equal segments of 40 km each. He drives the first segment at 40 km/hr, the second at 60 km/hr, and the third at 120 km/hr. What is his average speed for the whole trip?

Ans
- ✗ A. 50 km/hr
- ✗ B. 64 km/hr
- ✓ C. 60 km/hr
- ✗ D. 68 km/hr

Q.9 The price of fuel decreases by 45%, 25% and 15% in three successive months, but increases by 45% in the fourth month. What is the percentage decrease in the price of fuel in the fourth month as compared to its original price? (Round off to 2 decimal places.)

Ans
- ✗ A. 53.54%
- ✗ B. 47.82%
- ✓ C. 49.16%
- ✗ D. 46.44%

Q.10 A shopkeeper fixes the marked price of an item 120% above its cost price. What percentage of discount on marked price should be allowed to gain 43%?

Ans
- ✓ A. 35%
- ✗ B. 38%
- ✗ C. 33%
- ✗ D. 32%

Q.11 A number leaves a remainder of 2 when divided by 5 and a remainder of 3 when divided by 7. What is the smallest positive integer that satisfies both conditions?

Ans
- ✗ A. 38
- ✗ B. 23
- ✗ C. 24
- ✓ D. 17

Q.12 A wholesaler offers a trade discount of 30% on the marked price of an electric kettle to retailers. A retailer then announces a scheme discount of 12% on the price after receiving the trade discount. If the retailer sells the kettle to a customer for ₹2,464, what is the marked price of the kettle?

Ans

- ✔ A. ₹4,000
- ✘ B. ₹4,400
- ✘ C. ₹4,200
- ✘ D. ₹3,800

Q.13 What is the largest 6-digit number that is completely divisible by 96?

Ans

- ✘ A. 999888
- ✘ B. 999984
- ✘ C. 999912
- ✔ D. 999936

Q.14 Two positive numbers differ by 20. The mean proportional between these two numbers is 24. What is the sum of these two numbers?

Ans

- ✘ A. 53
- ✘ B. 51
- ✔ C. 52
- ✘ D. 50

Q.15 The sum of two positive numbers is 27 and their product is 176. The positive difference between them is:

Ans

- ✘ A. 10
- ✔ B. 5
- ✘ C. 21
- ✘ D. 24

Q.16 A solid cuboid of dimensions 30 cm × 20 cm × 8 cm is melted. During melting, 10% of the material is lost. The remaining metal is recast into identical cubes of side 4 cm. How many complete cubes are formed?

Ans

- ✔ A. 67
- ✘ B. 63
- ✘ C. 60
- ✘ D. 66

Q.17 A man was seven times older than his son five years ago and is now four times older. What is the son's present age?

Ans

- ✘ A. 5 years
- ✘ B. 7 years
- ✔ C. 10 years
- ✘ D. 14 years

Q.18 The LCM of the numbers 5, 8.3 and 0.19 is:

Ans

- ✘ A. 7160
- ✘ B. 6925
- ✔ C. 7885
- ✘ D. 7125

Q.19 A sum, when invested at 20% simple interest per annum, amounts to ₹5,280 after 3 years. What is the simple interest (in ₹) on the same sum at the same rate in 2 years?

Ans
- ✗ A. 660
- ✗ B. 5,280
- ✓ C. 1,320
- ✗ D. 2,640

Q.20 A and B can do a piece of work in 12 days and 30 days, respectively. Both work for 2 days and then A leaves. How long (in days) will B take to complete the remaining work?

Ans
- ✗ A. 22
- ✓ B. 23
- ✗ C. 24
- ✗ D. 25

Q.21 Find the third proportional to 8 and 16.

Ans
- ✗ A. 24
- ✓ B. 32
- ✗ C. 30
- ✗ D. 28

Q.22 The total surface area of a cube having side 94 cm is:

Ans
- ✓ A. 53,016 cm^2
- ✗ B. 52,989 cm^2
- ✗ C. 53,026 cm^2
- ✗ D. 53,006 cm^2

Q.23 During a sale, 50% of the goods are sold at 36% profit, 40% of the remaining goods are sold at 14% profit and the still remaining goods are sold at a loss of 21%. If there is an overall profit of x%, then what is the value of x?

Ans
- ✗ A. 16.9
- ✗ B. 15.2
- ✗ C. 13.6
- ✓ D. 14.5

Q.24 A borrower takes a loan of ₹1,860 at a simple interest rate of 12% per annum. After some years, the total amount payable becomes ₹2,529.60. For how many years was the loan taken?

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

Q.25 What should come in place of the question mark (?) in the following equation?

$(32 \div 0.8 \times ?) - 72 = 6! \div (4 \times 5 + 10)$

Ans
- ✓ A. 2.4
- ✗ B. 1.4
- ✗ C. 2.2
- ✗ D. 2.8

Q.26 A, B and C start a business. A invests ₹1,21,500 for 12 months, B invests ₹1,02,060 for 9 months and C invests ₹97,200, but withdrew ₹24,500 after 6 months. If the total profit earned at the end of the year is ₹1,69,797, find the difference between the profit share of A and the profit share of B.

Ans
- ✔ A. ₹26,973
- ✘ B. ₹26,763
- ✘ C. ₹26,884
- ✘ D. ₹26,524

Q.27 Two complementary angles are such that twice the measure of one angle is equal to three times the measure of the other. The measure of the larger angle is:

Ans
- ✘ A. 45°
- ✘ B. 60°
- ✔ C. 54°
- ✘ D. 72°

Q.28 Kavita's monthly salary increased by 25%, and then decreased by 20%. If her initial salary is ₹58,000, what was her final salary?

Ans
- ✘ A. ₹64,000
- ✘ B. ₹55,000
- ✘ C. ₹60,000
- ✔ D. ₹58,000

Q.29 P sells an item to Q at 25% profit. Q sells the same item to R at 60% loss. If R paid ₹5,166 for the item, then at what price (in ₹) is the item purchased by P?

Ans
- ✔ A. 10,332
- ✘ B. 10,330
- ✘ C. 10,331
- ✘ D. 10,333

Q.30 Simplify the following expression:

$$\sqrt{\frac{0.6859 \times 0.1156 \times 0.64000}{0.289 \times 0.1600 \times 0.54872}}$$ (Correct your answer up to three decimal places)

Ans
- ✘ A. 1.314
- ✔ B. 1.414
- ✘ C. 2.414
- ✘ D. 2.314

Section : **General Awareness**

Q.31 Who among the following was the Commonwealth Secretary-General having led the 25th Commonwealth Foreign Affairs Ministers Meeting (CFAMM) in New York in September 2025?

Ans
- ✘ A. Patricia Scotland
- ✔ B. Shirley Botchwey
- ✘ C. Kamalesh Sharma
- ✘ D. Ngozi Okonjo-Iweala

Q.32 Which of the following languages was conferred Classical Language status in October 2024?

Ans
- ✘ A. Odia
- ✘ B. Kannada
- ✔ C. Marathi
- ✘ D. Tamil

Q.33 Which optical instrument is used to correct the eye defect known as Hypermetropia (or long-sightedness), where light focuses behind the retina?

Ans
- ✗ A. Concave Lens
- ✗ B. Photochromic Lenses
- ✗ C. Cylindrical Lens
- ✓ D. Convex Lens

Q.34 Where is the headquarters of the South Western Railway Zone located?

Ans
- ✗ A. Mumbai
- ✗ B. Jabalpur
- ✓ C. Hubballi
- ✗ D. Jaipur

Q.35 The Indian Council Act of _____ introduced the concept of 'separate electorate' in India.

Ans
- ✗ A. 1861
- ✗ B. 1862
- ✓ C. 1909
- ✗ D. 1903

Q.36 If a person contracts malaria, which type of pathogen is responsible for the disease?

Ans
- ✗ A. Virus
- ✗ B. Bacteria
- ✓ C. Protozoan
- ✗ D. Fungi

Q.37 Which of the following sequences correctly matches the coastal sections from north to south on the western coast?

Ans
- ✗ A. Karnataka → Konkan → Malabar
- ✗ B. Kathiawar → Malabar → Konkan
- ✓ C. Konkan → Karnataka → Malabar
- ✗ D. Malabar → Konkan → Karnataka

Q.38 Which characteristic enables a computer to start and complete tasks automatically without human intervention once programmed?

Ans
- ✗ A. Diligence
- ✓ B. Automation
- ✗ C. Portability
- ✗ D. Accuracy

Q.39 As computer generations progressed, which of the following has been a trend that is generally true?

Ans
- ✗ A. Computers lost memory capacity
- ✓ B. Computers became smaller and faster
- ✗ C. Computers stopped using electricity
- ✗ D. Computers became larger and slower

Q.40 In which year the 89th Constitutional Amendment was passed related to the National Commission for Scheduled Castes?

Ans
- ✗ A. 2010
- ✗ B. 2006
- ✗ C. 1995
- ✓ D. 2003

Q.41 **Microlithic tools became a characteristic feature during which phase of prehistory in India?**

Ans
- ✗ A. Early Iron Age
- ✗ B. Lower Palaeolithic
- ✗ C. Middle Palaeolithic
- ✓ D. Mesolithic

Q.42 **What is the primary goal of India's Fiscal Responsibility and Budget Management (FRBM) Act of 2003?**

Ans
- ✗ A. To boost GDP growth
- ✗ B. To increase subsidies
- ✓ C. To control fiscal deficits
- ✗ D. To raise taxes on petrol

Q.43 **To prevent losing your current progress due to a system crash or power failure, which essential shortcut key combination should you press regularly to quickly save the document you are working on?**

Ans
- ✗ A. Ctrl + C
- ✗ B. Ctrl + V
- ✓ C. Ctrl + S
- ✗ D. Ctrl + X

Q.44 **Who among the following administers oath of Pro Tem Speaker during initial sitting of newly elected Lok Sabha?**

Ans
- ✓ A. President of India
- ✗ B. Cabinet Secretary
- ✗ C. Vice President of India
- ✗ D. Chief Justice of India

Q.45 **Which Article of the Indian Constitution deals with the control of High Courts over subordinate courts?**

Ans
- ✗ A. Article 107
- ✗ B. Article 308
- ✓ C. Article 235
- ✗ D. Article 115

Q.46 **What is the name of the quantum computing hub announced in Andhra Pradesh in April 2025, marking India's first major quantum valley?**

Ans
- ✗ A. Vijayawada Quantum Park
- ✓ B. Amaravati Quantum Valley
- ✗ C. Nellor Quantum Hub
- ✗ D. Bengaluru Quantum Valley

Q.47 **Where was the 353rd International Labor Organization Governing body meeting held in March 2025?**

Ans
- ✗ A. Milan, Italy
- ✗ B. Oslo, Norway
- ✓ C. Geneva, Switzerland
- ✗ D. Copenhagen, Denmark

Q.48 On March 6, 2025, EU leaders convened an extraordinary summit in which city to discuss Ukraine and European security?

Ans
- ✔ A. Brussels
- ✘ B. Berlin
- ✘ C. Paris
- ✘ D. Vienna

Q.49 Which Sustainable Development Goal (SDG) specifically aims to ensure universal access to affordable, reliable, sustainable and modern energy for all?

Ans
- ✔ A. Goal 7
- ✘ B. Goal 5
- ✘ C. Goal 13
- ✘ D. Goal 9

Q.50 Which of the following coastal regions of India is characterized by extensive lagoons and backwater systems along the western coastal plain?

Ans
- ✔ A. The Malabar Coast
- ✘ B. The Northern Circars
- ✘ C. The Andhra Coast
- ✘ D. The Coromandel Coast

Q.51 In 2025, how much permanent monthly alimony did the Supreme Court set for a divorced but unmarried wife?

Ans
- ✘ A. ₹30,000
- ✘ B. ₹75,000
- ✔ C. ₹50,000
- ✘ D. ₹20,000

Q.52 Which Indian state secured the highest number of gold medals at the Khelo India Water Sports Festival, 2025?

Ans
- ✔ A. Madhya Pradesh
- ✘ B. Kerala
- ✘ C. Maharashtra
- ✘ D. Haryana

Q.53 Which unique architectural feature distinguishes the Harappan site of Dholavira?

Ans
- ✘ A. Complex drainage systems
- ✘ B. Pictorial murals on walls
- ✘ C. Large fortifications
- ✔ D. Step-wells for water conservation

Q.54 Which pact between Gandhi and the British government marked the suspension of the Civil Disobedience Movement in 1931?

Ans
- ✘ A. Lahore Pact
- ✔ B. Gandhi-Irwin Pact
- ✘ C. Lucknow Pact
- ✘ D. Poona Pact

Q.55 Which IIT has partnered with Coal India Limited to launch a Centre for Sustainable Energy?

Ans

✗ A. IIT Kanpur

✓ B. IIT Madras

✗ C. IIT Delhi

✗ D. IIT Bombay

Q.56 Identify the classical language(s) in India (as of December 2022) from among the following.

1) Marathi
2) Tamil
3) Sanskrit
4) Odia

Ans

✗ A. Only 2

✗ B. Only 1 and 2

✓ C. Only 2, 3 and 4

✗ D. Only 1, 2, 3

Q.57 As per the Census of India, which of the following states recorded the highest overall literacy rate in 2011?

Ans

✗ A. Tamil Nadu

✓ B. Kerala

✗ C. Himachal Pradesh

✗ D. Maharashtra

Q.58 Why was the Partition of Bengal (1905) widely opposed by Indian nationalists?

Ans

✗ A. It was proposed to relocate the colonial capital for better administrative coordination.

✗ B. It was planned to improve agricultural administration and address recurring famine conditions.

✓ C. It was intended to divide people on communal lines and weaken the growing nationalist movement.

✗ D. It was undertaken to promote regional trade expansion and economic integration of eastern Bengal.

Q.59 Launched in 2019 by the Union Ministry of Housing and Urban Affairs, which initiative evaluates cities on climate resilience and sustainability performance?

Ans

✗ A. National Action Plan on Climate Change

✗ B. Urban Climate Change Adaptation Programme

✓ C. Climate Smart Cities Assessment Framework

✗ D. National Mission on Sustainable Habitat

Q.60 The Balwantrai Mehta Committee recommended how many tiers of Panchayati Raj system in India?

Ans

✗ A. Four-tier

✗ B. Two-tier

✓ C. Three-tier

✗ D. One-tier

Q.61 Programs like MS Word, MS Excel, and PowerPoint fall into which group?

Ans

✗ A. Hardware components

✓ B. Application software

✗ C. Booting programs

✗ D. System software

Q.62 The Preamble to the Constitution of India is primarily based on which resolution drafted and introduced by Pandit Jawaharlal Nehru?

Ans

✔ A. Objectives Resolution

✘ B. Fundamental Rights Resolution

✘ C. Directive Principles Resolution

✘ D. Fundamental Duties Resolution

Q.63 Which of the following provisions of the Constitution of India has a specific mention for the appointment of the Attorney General of India?

Ans

✔ A. Article 76

✘ B. Article 240

✘ C. Article 165

✘ D. Article 211

Q.64 During **Seva Parv 2025** (17 September–2 October), what plantation target was fixed for **Uttar Pradesh** as part of the nationwide SDG-linked drive?

Ans

✘ A. 10 lakh saplings in the state

✔ B. 15 lakh saplings in the state

✘ C. 5 lakh saplings in the state

✘ D. 20 lakh saplings in the state

Q.65 What is the aim of the Indian Government initiative Pradhan Mantri Gram Sadak Yojana (PMGSY)?

Ans

✔ A. Provide rural road connectivity

✘ B. Promote bullet trains

✘ C. Build national highways

✘ D. Connect Waterways

Q.66 Which archaeological sites, besides Keeladi, have contributed to validating Sangam texts?

Ans

✘ A. Nal, Kalibangan, Mohenjo-Daro

✘ B. Ajanta, Ellora, Hampi

✔ C. Adichanallur, Korkai, Alangulam

✘ D. Lothal, Dholavira, Harappa

Q.67 What is/are the element(s) or compound(s) that can be used in black and white photography?

Ans

✘ A. Only Ag

✘ B. Only AgBr

✔ C. AgCl and AgBr

✘ D. Only AgCl

Q.68 Which of the following statements correctly explains the decline of metallic coins in the post-Gupta period?

Ans

✔ A. It resulted from reduced trade and rising land grants replacing cash payments.

✘ B. It emerged because gold supplies increased and made minting coins unnecessary.

✘ C. It happened because rulers preferred using older coins rather than minting new ones.

✘ D. It occurred due to abundant commerce that reduced dependence on minted currency.

Q.69 What is the value of one tonne in SI units?

Ans
✗ A. 10^5 kg
✓ B. 10^3 kg
✗ C. 10^2 kg
✗ D. 10^4 kg

Q.70 The stabilisation measures introduced under India's New Economic Policy (NEP) of 1991 were primarily aimed at achieving which of the following immediate objectives?

Ans
✓ A. Correcting balance of payment imbalances and controlling inflationary pressures
✗ B. Encouraging foreign direct investment inflows and improving capital availability
✗ C. Promoting disinvestment of public sector enterprises and reducing state control
✗ D. Generating rural employment opportunities and strengthening agrarian livelihoods

Section : General Intelligence and Reasoning

Q.71 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.)

(156, 204, 366)
(150, 162, 318)

Ans
✗ A. (204, 101, 309)
✗ B. (142, 165, 307)
✗ C. (172, 141, 317)
✓ D. (182, 164, 352)

Q.72 Seven boxes, I, J, K, L, Q, R and S, are kept one over the other, but not necessarily in the same order.
Only K is kept above R. Only S is kept between R and I. Only J is kept below L.
How many boxes are kept between Q and R?

Ans
✗ A. One
✗ B. Three
✗ C. Four
✓ D. Two

Q.73 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 apples are fruits. Some fruits are sweet.
Conclusions
(I) Some apples are sweet.
(II) All fruits are apples.

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

Q.74 What will come in place of '?' in the following equation, if '+' and '×' are interchanged and '-' and '÷' are interchanged?
8 + 3 ÷ 116 - 4 × 18 = ?

Ans
✗ A. 22
✗ B. 19
✓ C. 13
✗ D. 15

Q.75 Seven boxes, I, J, K, L, Q, R and S, are kept one over the other, but not necessarily in the same order.
K is kept third from the bottom. Only one box is kept above R. Only one box is kept between R and Q. J is kept immediately above L. I is kept at some place below S.
How many boxes are kept between S and J?

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

Q.76 What will come in place of the question mark (?) in the following equation if '+' and '−' are interchanged and '×' and '÷' are interchanged?

1 ÷ 1 × 1 + 2 − 49 = ?

Ans
- ✗ A. 49
- ✗ B. 50
- ✗ C. 46
- ✓ D. 48

Q.77 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 man out is not based on the number of consonants/vowels or their position in the letter cluster.)

Ans
- ✗ A. XBA
- ✗ B. ZDC
- ✓ C. HMK
- ✗ D. DHG

Q.78 Select the triad that follows the same pattern as that followed by the two triads given below. Both triads follow the same pattern.

OURS –UROS –ROUS
SAME –AMSE –MSAE

Ans
- ✗ A. HEAD-ADHE-DHAE
- ✗ B. SELF-ELFS-LFSE
- ✗ C. THEY-HEYT-TYEH
- ✓ D. FEAR-EAFR-AFER

Q.79 Refer to the following letter series and answer the question.
(Left) L U H T R B F G A O D Q S I X M C K W (Right)
How many letters are there in the English alphabetical series between the letter which is sixth from the right end and seventh from the left end of the series?

Ans
- ✗ A. Four
- ✗ B. Three
- ✗ C. Five
- ✓ D. Two

Q.80 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

NSL HMF BGZ VAT ?

Ans
- ✗ A. PIN
- ✓ B. PUN
- ✗ C. PNK
- ✗ D. PNU

Q.81 Refer to the following letter series and answer the question. (Counting to be done from left to right only)
(Left) Y O W G U R C X Z H M E S I K A Q D F T B (Right)
How many such consonants are there, each of which is immediately preceded by a consonant and also immediately followed by a vowel?

Ans
✗ A. 1
✓ B. 2
✗ C. 3
✗ D. 4

Q.82 What should come in place of ? in the given series based on the English alphabetical order?
LNK NPM PRO RTQ ?

Ans
✗ A. TUW
✗ B. TWR
✗ C. TUR
✓ D. TVS

Q.83 LEMO is related to RJST in a certain way based on the English alphabetical order. In the same way, JYKI is related to PDQN. To which of the following options is BNCX related, following the same logic?

Ans
✗ A. SHIK
✓ B. HSIC
✗ C. KISH
✗ D. CISH

Q.84 R, E, A, D, I, N and G are sitting around a circular table, facing the centre of the table. Only three people sit between G and A when counted from the left of G. Only three people sit between N and E when counted from the right of E. R sits to the immediate right of N. I is an immediate neighbor of E as well as A.
Who sits second to the left of D?

Ans
✗ A. R
✗ B. A
✗ C. N
✓ D. I

Q.85 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

XBU TXQ PTM LPI ?

Ans
✗ A. APT
✗ B. SEL
✗ C. KFO
✓ D. HLE

Q.86 R, E, A, D, I, N and G are sitting around a circular table, facing the centre of the table. Only one person sits between G and E when counted from the left of E. D sits third to the right of N. R sits third to the left of I. D sits to the immediate right of R. A is not an immediate neighbor of R.
How many people sit between A and E when counted from the right of A?

Ans
✗ A. Two
✗ B. One
✓ C. Three
✗ D. Four

Q.87 Each letter in the word PROVIDE is arranged in the English alphabetical order. How many letters are there in the English alphabetical order between the letter which is third from the left and the one which is fourth from the right in the new letter cluster thus formed?

Ans
- ✗ A. 9
- ✓ B. 5
- ✗ C. 6
- ✗ D. 8

Q.88 In a certain code language, 'cap room apple' is coded as 'og uv bc' and 'apple queen book' is coded as 'wd og ex'. How is 'apple' coded in the given language?

Ans
- ✗ A. bc
- ✗ B. wd
- ✓ C. og
- ✗ D. uv

Q.89 In a certain code language,
A ÷ B means 'A is the son of B',
A # B means 'A is the wife of B',
A + B means 'A is the brother of B' and
A & B means 'A is the father of B'.

How is S related to H if 'S ÷ D + R # Y & H'?

Ans
- ✗ A. Father's father
- ✓ B. Mother's brother's son
- ✗ C. Brother's son
- ✗ D. Mother's brother

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

7 16 29 51 77 112 ?

Ans
- ✗ A. 161
- ✗ B. 150
- ✓ C. 151
- ✗ D. 160

Q.91 Read the given statement(s) 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 statement(s).

Statements:
Some foods are rains.
All tables are rains.

Conclusions:
(I) Some foods are tables.
(II) All rains are tables.

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

Q.92 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. ZDB
- ✗ B. VZX
- ✓ C. BGD
- ✗ D. YCA

Q.93 In a certain code language, 'world chest food' is coded as ' rn lu vd' and 'food sing sheep' is coded as 'bx rn ph'. How is 'food' coded in the given language?

Ans
- ✗ A. bx
- ✗ B. lu
- ✓ C. rn
- ✗ D. vd

Q.94 Mr. Yorly starts from Point A and drives 4 km towards South. He then takes a left turn, drives 23 km, turns left and drives 8 km. He then takes a left turn and drives 41 km. He takes a final left turn, drives 4 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. 19 km to the West
- ✗ B. 20 km to the North
- ✗ C. 21 km to the South
- ✓ D. 18 km to the East

Q.95 In a certain code language,
A ≠ B means 'A is the sister of B'
A * B means 'A is the father of B'
A ; B means 'A is the son of B'
A + B means 'A is the wife of B'
Based on the above, how is F related to O if 'F ≠ G ; H + M * O'?

Ans
- ✓ A. Sister
- ✗ B. Husband's father's sister
- ✗ C. Wife
- ✗ D. Brother's wife

Q.96 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 man out is not based on the number of consonants/vowels or their position in the letter cluster.)

Ans
- ✗ A. DGJ
- ✗ B. NQT
- ✓ C. BEG
- ✗ D. PSV

Q.97 Select the triad that follows the same pattern as the one followed by the two triads given below. Both triads follow the same pattern.

KF - MH - NP
MH - OJ - PR

Ans
- ✗ A. RL - SM - TU
- ✗ B. QL - SN - TU
- ✓ C. QL - SN - TV
- ✗ D. RL - SN - TU

Q.98 Seven boxes A, B, C, D, E, F and G are kept one over the other but not necessarily in the same order. A is kept second from the bottom. Only three boxes are kept between A and G. F is kept at one of the positions below A. Only E is kept between G and D. C is kept at one of the positions above G. How many boxes are kept between A and D?

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

Q.99 If 'P' stands for '÷', 'R' stands for '×', 'S' stands for '+' and 'Q' stands for '−', then what will come in place of the question mark (?) in the following equation?

109 S 256 P 8 Q 2 R 17 Q 58 = ?

Ans
- ✗ A. 81
- ✗ B. 23
- ✗ C. 57
- ✓ D. 49

Q.100 What should come in place of the '?' in the given series?

232 ? 204 288 176 316

Ans
- ✗ A. 250
- ✓ B. 260
- ✗ C. 270
- ✗ D. 240

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