रेलवे भर्ती बोर्ड / RAILWAY RECRUITMENT BOARDS

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

Test Date	07/05/2026
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 If $\sqrt{x}$ of $\sqrt{2601} = (\sqrt{1089} + \sqrt{324}) \times 35$. Find the value of x.

Ans
- ✗ A. 1223
- ✗ B. 1227
- ✓ C. 1225
- ✗ D. 1221

Q.2 A store sells pens and notebooks. If 3 pens and 2 notebooks cost ₹120, and 2 pens and 4 notebooks cost ₹140, what is the price of one notebook?

Ans
- ✗ A. ₹35.00
- ✗ B. ₹32.50
- ✗ C. ₹25.00
- ✓ D. ₹22.50

Q.3 A shopkeeper wants to earn a profit of $11\frac{1}{9}\%$ even after giving two successive discounts of $16\frac{2}{3}\%$ and 20% on the marked price of an article. If the cost price of the article for the shopkeeper is ₹1800, what should its marked price be?

Ans
- ✗ A. ₹2800
- ✗ B. ₹2500
- ✗ C. ₹3200
- ✓ D. ₹3000

Q.4 If the third proportional to two numbers is 32 and the second number is 16, find the first number.

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

Q.5 The 7-digit number 32A776B is divisible by 24. What is the minimum value of (A + B)?

Ans
- ✗ A. 6
- ✓ B. 2
- ✗ C. 4
- ✗ D. 5

Q.6 The sum of two positive numbers is 30 and their product is 176. The positive difference between them is:

Ans
- ✗ A. 7
- ✓ B. 14
- ✗ C. 24
- ✗ D. 10

Q.7 If $2\cos^2 x - 1 = \frac{1}{2}$ for $0° < x < 90°$, then the value of $\sec 2x + \operatorname{cosec} x + \cot^2 x$ is

Ans
- ✗ A. 11
- ✗ B. 5
- ✗ C. 9
- ✓ D. 7

Q.8 A shopkeeper offers the following schemes on toys of the same marked price.
(A) Successive discounts of 39% and 3% on any number of toys bought.
(B) Successive discounts of 36%, 13% and 8% on any number of toys bought.
(C) 18% discount on the first 2 toys and 41% discount on each toy thereon.
(D) 5 toys free of cost on buying 7 toys.
A customer wants to buy 7 toys. Which of the above schemes is the least beneficial to her?

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

Q.9 The salary of an employee is increased by 5% in the first year and again by 5% in the second year. What is the overall percentage increase in the salary after two years?

Ans
- ✗ A. 10%
- ✓ B. 10.25%
- ✗ C. 11.5%
- ✗ D. 11%

Q.10 A 104-metre-long train crosses another 94-metre-long train running in the same direction in 16.2 seconds. If the speed of the first train is 61 kmph, what is the speed of the second train in kmph?

Ans
- ✗ A. 105 km/hr
- ✗ B. 109 km/hr
- ✓ C. 17 km/hr
- ✗ D. 101 km/hr

Q.11 Ravi spends 70% of his income. If his income increases by 25% and his expenditure increases by 10%, by what percentage do his savings increase?

Ans
- ✓ A. Savings increase by 60%
- ✗ B. Savings increase by 50%
- ✗ C. Savings increase by 40%
- ✗ D. Savings increase by 30%

Q.12 The fourth proportional to 1.2, 4.8, and 7.15 is:

Ans
- ✗ A. 28.4
- ✓ B. 28.6
- ✗ C. 28.2
- ✗ D. 28.8

Q.13 Given the data set: 12, 36, 22, 27, 31, 17. What is the median value?

Ans
- ✗ A. 26.5
- ✓ B. 24.5
- ✗ C. 22
- ✗ D. 27

Q.14 The total surface area of a cube having side 86 cm is:

Ans
- ✗ A. 44,294 cm2
- ✓ B. 44,376 cm2
- ✗ C. 44,462 cm2
- ✗ D. 44,325 cm2

Q.15 A quadrilateral has one diagonal of length 36 cm, and the perpendiculars from the other two vertices to this diagonal are 20 cm and 10 cm. What is the area of this quadrilateral?

Ans
- ✗ A. 360 cm²
- ✗ B. 600 cm²
- ✓ C. 540 cm²
- ✗ D. 480 cm²

Q.16 During a sale, 40% of the goods are sold at a profit of 10%. Of the remaining goods, 25% are sold at a profit of 15%, and the rest are sold at a loss of 29%. If there is an overall loss of x%, find the value of x.

Ans
- ✗ A. 1.5
- ✗ B. 2
- ✓ C. 6.8
- ✗ D. 3.5

Q.17 Two numbers are in the ratio 4 : 5. If their LCM is 240, what is the sum of the two numbers?

Ans
- ✓ A. 108
- ✗ B. 96
- ✗ C. 120
- ✗ D. 100

Q.18 The sum of the present ages of a mother and her daughter is 50 years. Five years ago, the mother's age was 7 times the daughter's age. What is the present age of the mother?

Ans
- ✓ A. 40 years
- ✗ B. 38 years
- ✗ C. 35 years
- ✗ D. 42 years

Q.19 **A rectangular garden has a length of 25 meters and a width of 18 meters. If a path of uniform width 2 meters is constructed around the outside of the garden, what is the perimeter of the outer edge of the path?**

Ans
- ✗ A. 86 meters
- ✗ B. 98 meters
- ✗ C. 112 meters
- ✓ D. 102 meters

Q.20 **A train, 380 meters long, crosses a stationary train of length 340 m in 16 seconds. Find the speed of the train.**

Ans
- ✓ A. 162 km/h
- ✗ B. 164 km/h
- ✗ C. 166 km/h
- ✗ D. 160 km/h

Q.21 Simplify: $\frac{(1.5 \times 0.2)}{0.3}$

Ans
- ✗ A. 10
- ✓ B. 1
- ✗ C. 0.1
- ✗ D. 0.01

Q.22 **The cost price of 25 articles is the same as the selling price of x articles. If the profit is 25%, then the value of x is:**

Ans
- ✗ A. 23
- ✗ B. 18
- ✓ C. 20
- ✗ D. 16

Q.23 **What is the mode of the following data?**

40, 41, 42, 51, 45, 43, 45, 43, 51, 40, 51, 54, 46, 50, 55, 47, 42, 46

Ans
- ✗ A. 41
- ✓ B. 51
- ✗ C. 40
- ✗ D. 42

Q.24 **Simplify: 30 + [{-9 × (26 - 11 + 6)}]**

Ans
- ✗ A. -160
- ✗ B. -162
- ✓ C. -159
- ✗ D. -161

Q.25 **A tank is normally filled by pipe A in 10 hours. Due to a leak, the tank takes 12 hours to fill. Find the time taken by the leak alone to empty a full tank.**

Ans
- ✓ A. 60 hours
- ✗ B. 40 hours
- ✗ C. 30 hours
- ✗ D. 80 hours

Q.26 The mean proportional between two positive numbers is 30. If the difference between the two numbers is 45, what is the smaller of the two numbers?

Ans
- ✗ A. 12
- ✓ B. 15
- ✗ C. 18
- ✗ D. 21

Q.27 If a sum of ₹70,000 amounts to ₹74,263 in X years under compound interest, compounded annually at 3% per annum, find X.

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

Q.28 If ₹25,200 is invested at a simple interest rate of 6% per annum for 4 years, find the interest earned.

Ans
- ✗ A. ₹6,070
- ✗ B. ₹6,025
- ✓ C. ₹6,048
- ✗ D. ₹8,021

Q.29 A and B can do a piece of work in 12 days and 36 days, respectively. Both work for 4 days and then A leaves. How long (in days) will B take to complete the remaining work?

Ans
- ✓ A. 20
- ✗ B. 22
- ✗ C. 19
- ✗ D. 21

Q.30 Three numbers are in the ratio 3 : 2 : 13, and their LCM is 6318. Their HCF is:

Ans
- ✗ A. 80
- ✗ B. 128
- ✗ C. 124
- ✓ D. 81

Section : General Awareness

Q.31 In genetics, a gene refers to which of the following?

Ans
- ✗ A. A sex chromosome
- ✗ B. A unit of blood group
- ✓ C. A section of DNA that codes for a protein
- ✗ D. A type of chromosome

Q.32 Which of the following Harappan sites yielded excellent examples of metal-cast sculptures?

Ans
- ✗ A. Nageshwar
- ✗ B. Kalibangan
- ✓ C. Daimabad
- ✗ D. Rangpur

Q.33 **According to the Constitution of India, which constitutional body advises the President on the principles governing grants-in-aid to States from the Consolidated Fund of India?**

Ans
- ✗ A. Planning Commission
- ✗ B. Comptroller and Auditor General of India
- ✓ C. Finance Commission
- ✗ D. NITI Aayog

Q.34 **Provisions for the 'Control over subordinate courts' are provided in which of the following Articles of the Constitution of India?**

Ans
- ✗ A. Article 225
- ✓ B. Article 235
- ✗ C. Article 255
- ✗ D. Article 245

Q.35 **How many Indian languages hold Classical Language status as of October 2025?**

Ans
- ✗ A. 8
- ✗ B. 6
- ✓ C. 11
- ✗ D. 10

Q.36 **Which type of climate characterises the Great Indian Desert?**

Ans
- ✗ A. Humid subtropical climate
- ✓ B. Arid and semi arid climate
- ✗ C. Tropical monsoon climate
- ✗ D. Equatorial climate

Q.37 **A Sultan of Delhi attempted to strengthen control over the Deccan by shifting his capital from Delhi to Deogir (Daulatabad), a decision that later proved controversial due to administrative difficulties. Who took this measure?**

Ans
- ✓ A. Muhammad bin Tughlaq
- ✗ B. Alauddin Khalji
- ✗ C. Ghiyasuddin Tughlaq
- ✗ D. Firoz Shah Tughlaq

Q.38 **Which of the following wind systems is primarily responsible for the rainfall over the Coromandel coast during the winter season?**

Ans
- ✗ A. Western disturbances
- ✗ B. Westerlies
- ✓ C. Northeast monsoon winds
- ✗ D. Southwest monsoon winds

Q.39 **India signed a Memorandum of Understanding (MoU) on 25 February 2026 to strengthen cooperation in forests, wildlife, environment, biodiversity conservation, and climate change with which country?**

Ans
- ✗ A. Bangladesh
- ✓ B. Nepal
- ✗ C. Bhutan
- ✗ D. Sri Lanka

Q.40 **Which of the following features characterises Stage III of demographic transition?**

Ans

✔ A. Low fertility and low mortality

✘ B. Rapid death rate increase

✘ C. High mortality and high fertility

✘ D. High migration and low death rate

Q.41 **In April 2025, BRIC-InStem in Bengaluru collaborated with which medical institution to successfully conduct India's first gene therapy trial for Haemophilia?**

Ans

✘ A. Indian Council of Medical Research

✔ B. Christian Medical College, Vellore

✘ C. All India Institute of Medical Sciences, New Delhi

✘ D. Gandhi Medical College, Hyderabad

Q.42 **Which institution handles the promotion of Classical Languages under the Ministry of Education?**

Ans

✘ A. Sahitya Akademi of India

✘ B. Indira Gandhi National Centre for the Arts

✘ C. Archaeological Survey of India

✔ D. Central Institute of Indian Languages

Q.43 **Which of the following statements most accurately describes the social structure of Mauryan society in ancient India?**

Ans

✔ A. An organised society with distinct social classes and a wide range of occupational groups

✘ B. Exclusively tribal society with absence of settled agriculture

✘ C. Society controlled only by mercantile guilds with no other social groups

✘ D. A completely egalitarian society without any form of social or occupational differentiation

Q.44 **When dilute Hydrochloric acid (HCl) reacts with Sodium Hydrogen Carbonte ($NaHCO_3$), which is the product formed along with Sodium chloride(NaCl) and Water(H_2O)?**

Ans

✘ A. Ammonium Chloride (NH4Cl)

✘ B. Chloroform (CHCl3)

✘ C. Hydrogen gas(H_2)

✔ D. Carbon Dioxide(CO_2)

Q.45 **Which central initiative by Indian Railways has rescued over 260 missing or trafficked children between January 2024 and April 2025?**

Ans

✘ A. Operation Shakti

✘ B. Mission Vatsalya Rail Drive

✔ C. Operation Nanhe Farishte

✘ D. Childline Express

Q.46 **Control over district and subordinate courts' posting, promotion and leaves of judges vests primarily in which authority?**

Ans

✘ A. Law Ministry of India

✘ B. Parliament

✔ C. High Court

✘ D. President of India

Q.47 Which circumstance directly triggered Gandhi's decision to launch the Rowlatt Satyagraha in 1919?

Ans

✗ A. The cancellation of wartime recruitment policies in northern India.

✗ B. The British announcement of new taxation on agricultural harvests.

✗ C. The rejection of Indian demands for complete dominion status by Britain.

✓ D. The enactment of laws enabling detention without trial despite resistance.

Q.48 Which of the following memory types is non-volatile?

Ans

✗ A. CPU

✗ B. PCB

✗ C. RAM

✓ D. ROM

Q.49 Where was the capital of the Estado da India located?

Ans

✗ A. Lisbon

✓ B. Goa

✗ C. Malacca

✗ D. Cochin

Q.50 Which Article of the Indian Constitution mentions the Power of Parliament to amend the Constitution?

Ans

✗ A. Article 359

✓ B. Article 368

✗ C. Article 360

✗ D. Article 361

Q.51 Which part of the musculoskeletal system is primarily responsible for protecting the brain?

Ans

✗ A. Pelvic girdle

✗ B. Spine

✓ C. Skull

✗ D. Rib cage

Q.52 Which digital file format is widely used to save three-dimensional models for 3D printing? It is the standard format supported by most 3D printers.

Ans

✗ A. PDF

✗ B. DOCX

✓ C. STL

✗ D. XLSX

Q.53 Which of the following is a tertiary sector activity?

Ans

✗ A. Mining

✗ B. Manufacturing

✗ C. Farming

✓ D. Teaching

Q.54 A computer cannot open a printer without a driver. This driver is an example of a/an:

Ans

✓ A. System software

✗ B. Document file

✗ C. Input device

✗ D. Game

Q.55 Which feature distinguishes ROM from RAM?

Ans

✗ A. ROM is faster than RAM.

✓ B. ROM stores permanent instructions; RAM stores temporary data.

✗ C. ROM is used for storage; RAM is used for graphics.

✗ D. ROM is volatile; RAM is non-volatile.

Q.56 The Industrial Policy of 1991 led to:

Ans

✗ A. Decrease in private sector participation

✗ B. Nationalization of key industries

✗ C. Establishment of public sector monopolies

✓ D. Abolishing industrial licensing for most industries

Q.57 Which of the following is NOT a true element of Harappan architecture?

Ans

✗ A. Cities included public buildings and well-planned houses

✗ B. Buildings in Harappan cities were made of standardized baked bricks

✗ C. Architecture focused on functional design rather than decoration

✓ D. Cities had magnificent palaces, monuments and royal tombs

Q.58 Which one of the following economic factors attracts population to an area?

Ans

✗ A. High cost of living

✗ B. Limited transportation facilities

✓ C. Industrial development

✗ D. Lack of job opportunities

Q.59 Who among the following has been sworn in as the President of Uruguay on 1 March 2025?

Ans

✓ A. Yamandu Orsi

✗ B. Jair Bolsonaro

✗ C. Claudia Sheinbaum

✗ D. Masoud Pezeshkian

Q.60 In August 2025, India's first-ever **grassland bird census using passive acoustic monitoring and AI tools** was highlighted by the Prime Minister in his *Mann ki Baat* address. In which national park was this census conducted?

Ans

✗ A. Sultanpur National Park, Haryana

✓ B. Kaziranga National Park, Assam

✗ C. Keoladeo National Park, Rajasthan

✗ D. Jim Corbett National Park, Uttarakhand

Q.61 In early July 2025, the 17th BRICS Leaders' Summit convened in which city?

Ans

✗ A. Johannesburg

✗ B. New Delhi

✓ C. Rio de Janeiro

✗ D. Shanghai

Q.62 What was the all-India coal production in the year 2023-24?

Ans

✗ A. 697.82 Million Tonne (MT)

✗ B. 1200.17 Million Tonne (MT)

✗ C. 1435.32 Million Tonne (MT)

✓ D. 997.826 Million Tonne (MT)

Q.63 Which metal reacts violently with cold water, producing a metal hydroxide, hydrogen gas, and enough heat for the hydrogen to catch fire?

Ans
- ✗ A. Aluminium
- ✓ B. Potassium
- ✗ C. Calcium
- ✗ D. Magnesium

Q.64 The Tibetan Plateau, often referred to as the Roof of the World, represents which type of natural vegetation region?

Ans
- ✗ A. Polar Desert
- ✓ B. Alpine Tundra
- ✗ C. Arctic Tundra
- ✗ D. Temperate Grassland

Q.65 The 106th Constitutional Amendment inserted which of the following new Articles in the Constitution?

Ans
- ✗ A. 339A, 341B
- ✗ B. 325A, 327A
- ✗ C. 371A, 371B
- ✓ D. 330A, 332A

Q.66 Who topped the 2025 Times Higher Education Asia University Rankings?

Ans
- ✗ A. University of Hong Kong
- ✗ B. Seoul National University
- ✗ C. Kyoto University
- ✓ D. Tsinghua University

Q.67 How can developing countries like India reduce inter-regional disparities in human development within the education and healthcare sectors in the 21st century?

Ans
- ✗ A. By focusing all development efforts on capital cities
- ✗ B. By centralising economic activities in urban areas
- ✗ C. By reducing investments in rural education and health
- ✓ D. By implementing region-specific policies and resource allocation

Q.68 What was the venue of the first BIMSTEC Youth Summit held in February 2025?

Ans
- ✗ A. Hyderabad, Telangana
- ✗ B. Bhopal, Madhya Pradesh
- ✓ C. Gandhinagar, Gujarat
- ✗ D. New Delhi

Q.69 Which type(s) of Legislatures can a state have under the Indian Constitution?

Ans
- ✓ A. Either a single-house or two-house systems
- ✗ B. Only single-house systems
- ✗ C. Only two-house systems
- ✗ D. Only the Parliament can decide

Q.70 Which prominent Indian reformer founded the Poona Sarvajanik Sabha during the Indian National movement?

Ans
- ✗ A. Dadabhai Naoroji
- ✗ B. Gopal Hari Deshmukh (Lokhitwadi)
- ✓ C. Mahadev Govind Ranade
- ✗ D. Gopal Krishna Gokhale

Q.71 **Seven boxes A, B, C, D, E, F and G are kept one over the other but not necessarily in the same order. Only two boxes are kept below G. Only one box is kept above B. Only one box is kept between B and A. F is kept immediately above E. D is kept at some place below C. Which box is kept at the top?**

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

Q.72 **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.)

Ans
- ✗ A. YI - BM
- ✗ B. GV - JZ
- ✗ C. BU - EY
- ✓ D. OS - RV

Q.73 **Eight people, A, B, M, N, S, T, Y and Z, are sitting in a row, facing north. S sits second to the left of Y and S sits third to the right of N. Y sits at one of the extreme ends. T sits to the immediate right of A. B sits to the immediate left of M and M sits second to the left of Z. Who sits at the extreme left end of the row?**

Ans
- ✗ A. S
- ✓ B. A
- ✗ C. M
- ✗ D. B

Q.74 **What should come in place of the question mark (?) in the given series?**

26 34 45 53 64 72 ?

Ans
- ✗ A. 86
- ✗ B. 81
- ✗ C. 88
- ✓ D. 83

Q.75 **Each letter in the word NERVOUS is arranged in the English alphabetical order. How many letters are there in the English alphabetical order between the letter which is fourth from the left and the one which is third from the right in the new letter cluster thus formed?**

Ans
- ✗ A. 3
- ✗ B. 4
- ✓ C. 0
- ✗ D. 1

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

215 − 147 ÷ 110 + 1604 × 4 = ?

Ans
- ✗ A. 18588
- ✓ B. 15984
- ✗ C. 14948
- ✗ D. 19584

Q.77 Seven boxes A, B, C, D, E, F and G are kept one over the other but not necessarily in the same order. Only two boxes are kept below A. Only one box is kept above E. Only one box is kept between E and B. C is kept immediately above G. D is kept at some place below F. How many boxes are kept between A and D?

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

Q.78 What should come in place of '?' in the given series?

20 ? 38 56 80 110

Ans
- ✗ A. 22
- ✗ B. 24
- ✗ C. 32
- ✓ D. 26

Q.79 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.)

18, 325
19, 362

Ans
- ✗ A. 14, 196
- ✗ B. 21, 440
- ✓ C. 22, 485
- ✗ D. 20, 399

Q.80 Each of the digits in the number 3147856 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. One
- ✗ B. Two
- ✗ C. Three
- ✗ D. None

Q.81 Based on the English alphabetical order, three of the following four letter-clusters 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. GDH
- ✓ B. DAF
- ✗ C. MJN
- ✗ D. JGK

Q.82 **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 cups are jugs. Some jugs are vases.
Conclusion (I) : Some cups are vases
Conclusion (II) : All vases are jugs

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

Q.83 **IP 18 is related to KL 4 in a certain way. In the same way, KL 16 is related to MH 2. To which of the following is AT 9 related, following the same logic?**

Ans
- ✗ A. TR -1
- ✗ B. BK -9
- ✗ C. JO -6
- ✓ D. CP -5

Q.84 **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 papers are rains.
All rains are trees.

Conclusions:
(I) Some papers are trees.
(II) All trees are rains.

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

Q.85 **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.**
ROSE - RSEO - OSRE
JUGS - JGSU - UGJS

Ans
- ✓ A. PING - PNGI - INPG
- ✗ B. LADY - LDYA - ALYD
- ✗ C. COLD - OCLD - OLDC
- ✗ D. BOND - BNOD - DNOB

Q.86 **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. PMO
- ✗ B. XTW
- ✗ C. FBE
- ✗ D. JFI

Q.87 Each of the digits in the number 3516472 is arranged in the ascending order from left to right. The position(s) of how many digits will remain unchanged as compared to that in the original number?

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

Q.88 In a certain code language, 'PRIME' is coded as '37862' and 'REMAP' is coded as '87423'. What is the code for 'A' in the given code language?

Ans
- ✗ A. 3
- ✓ B. 4
- ✗ C. 7
- ✗ D. 2

Q.89 Select the triad which follows the same pattern as that followed by the two triads given below. Both triads follow the same pattern.
JL – MO – PR
EG – HJ – KM

Ans
- ✗ A. CH – GK – JO
- ✗ B. DP – GS – JU
- ✗ C. NF – RJ – TL
- ✓ D. MO – PR – SU

Q.90 Neha starts from Point A and drives 11 km towards the east. She then takes a right turn, drives 8 km, turns right and drives 14 km. She then takes a right turn and drives 12 km. She takes a final right turn, drives 3 km and stops at Point P. How far (shortest distance) and towards which direction should she drive in order to reach Point A again? (All turns are 90-degree turns only unless specified.)

Ans
- ✓ A. 4 km to the south
- ✗ B. 2 km to the north
- ✗ C. 3 km to the south
- ✗ D. 1 km to the north

Q.91 What should come in place of the question mark (?) in the given series to make it logically complete?

MU1, NQ4, PN16, SL64, ?

Ans
- ✗ A. RJ256
- ✗ B. SJ258
- ✗ C. SK256
- ✓ D. WK256

Q.92 Each vowel in the word CURRENT 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. Which of the following letters will be fourth from the left in the new group of letters thus formed?

Ans
- ✗ A. P
- ✓ B. Q
- ✗ C. R
- ✗ D. S

Q.93 Seven people, S, T, I, C, K, E and R, are sitting in a row, facing north. Only E sits to the left of K. Only four people sit between E and T. Only C sits between I and R, and I is not an immediate neighbor of T. Who sits at the extreme right of the line?

Ans
- ✔ A. S
- ✘ B. E
- ✘ C. K
- ✘ D. I

Q.94 Seven boxes B, C, D, E, Q, R and S are kept one over the other but not necessarily in the same order. Only five boxes are kept above D. Only three boxes are kept between D and C. Only four boxes are kept between C and S. Only E is kept between C and B. R is kept at one of the positions above C. How many boxes are kept between Q and S?

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

Q.95 In a certain code language,
A + B means 'A is the son of B',
A – B means 'A is the brother of B',
A x B means 'A is the wife of B' and
A ÷ B means 'A is the father of B'.

Based on the above, how is S related to K if 'S + D ÷ F – H x K'?

Ans
- ✔ A. Wife's brother
- ✘ B. Father
- ✘ C. Brother
- ✘ D. Wife's father

Q.96 Refer to the following letter series and answer the question that follows. Counting to be done from left to right only.

(Left) Z Q M H J E K D E L K Z V N E A T Q R Z U (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. Four
- ✘ B. Two
- ✘ C. Three
- ✘ D. One

Q.97 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

NFG 49, PIK 36, RLO 25, TOS 16, ?

Ans
- ✔ A. VRW 9
- ✘ B. USV 10
- ✘ C. USW 9
- ✘ D. VRV 10

Q.98 In a certain code language,

J × Q means ‘J is the sister of Q’,
J ÷ Q means ‘J is the father of Q’,
J + Q means ‘J is the husband of Q’ and
J – Q means ‘J is the mother of Q’.

Based on the above, how is S related to W if ‘S + T – U ÷ V × W × Y’?

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

Q.99 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?
EAW 91 XTP 98 QMI 105 JFB 112 ?

Ans
- ✓ A. CYU 119
- ✗ B. CXT 118
- ✗ C. CZT 119
- ✗ D. CLV 118

Q.100 In a certain code language, ‘van elf sand’ is coded as 'ld ii ne' and ‘elf poem desk’ is coded as ‘ir le ii’. How is ‘elf’ coded in the given language? (All codes are two-letter codes.)

Ans
- ✗ A. ne
- ✗ B. ir
- ✓ C. ii
- ✗ D. ld

"