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	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 **Two equal sums of money are lent out for 2 years each, one at 5% per annum simple interest and the other at 7% per annum simple interest. If the difference in simple interest earned on the two sums is ₹40, then what was the principal of each sum (in ₹)?**

Ans
- ✗ A. 1,400
- ✓ B. 1,000
- ✗ C. 800
- ✗ D. 1,200

Q.2 **In a business, P invests ₹2,00,000 for 8 months, Q invests ₹1,50,000 for 9 months and R invests ₹1,20,000 for some complete months. After a year, out of the profit, R gets a higher profit amount than Q but less than P. If R gets ₹72,000 as profit, then the profit of P is ₹_____.**

Ans
- ✓ A. 80,000
- ✗ B. 90,000
- ✗ C. 1,00,000
- ✗ D. 1,20,000

Q.3 **When the cost of an article was decreased by 7%, the number of articles sold was increased by 20%. What was the effect (in percentage) on the revenue?**

Ans
- ✗ A. increase of 10.4%
- ✗ B. decrease of 10.6%
- ✗ C. decrease of 9.6%
- ✓ D. increase of 11.6%

Q.4 **During a sale, 50% of the goods are sold at 21% profit, 30% of the remaining goods are sold at 43% profit and the still remaining goods are sold at a loss of 17%. If there is an overall profit of x%, then what is the value of x?**

Ans
- ✗ A. 12
- ✗ B. 11.5
- ✗ C. 10.5
- ✓ D. 11

Q.5 The radius of a spherical balloon is increased by 20%. Find the percentage increase in its surface area.

Ans
- ✗ A. 20%
- ✗ B. 22%
- ✓ C. 44%
- ✗ D. 40%

Q.6 Evaluate $22^3 + (-6)^3 + (-16)^3$

Ans
- ✗ A. 6127
- ✗ B. 6147
- ✓ C. 6336
- ✗ D. 6099

Q.7 A club received an income of ₹7,643 from membership fees and ₹2,198 from selling old sports equipment during the year. At the start of the year, ₹1,105 in membership fees was outstanding, and at the end of the year, ₹916 was still outstanding. If the club incurred expenditures of ₹5,287 on sports material and ₹3,120 on maintenance, what is the club's surplus or deficit for the year?

Ans
- ✗ A. ₹2,613 deficit
- ✗ B. ₹2,613 surplus
- ✗ C. ₹1,975 deficit
- ✓ D. ₹1,245 surplus

Q.8 The monthly charges of a hostel consist of a fixed part and a variable part depending on the number of students. For 25 students, the total bill is ₹17,500. For 40 students, the total bill is ₹25,000. What is the total bill for 60 students?

Ans
- ✗ A. ₹32,500
- ✓ B. ₹35,000
- ✗ C. ₹37,500
- ✗ D. ₹30,000

Q.9 A five-digit number 7549A is divisible by 4 and 3. If it is divided by 12, what will be the remainder?

Ans
- ✗ A. 4
- ✗ B. 1
- ✗ C. 2
- ✓ D. 0

Q.10 A company has three branches. Branch A has 40 employees with average monthly sales of ₹1,20,000, Branch B has 30 employees with average monthly sales of ₹1,80,000, and Branch C has 30 employees with average monthly sales of ₹1,50,000. What is the average monthly sales per employee of the company (in ₹)?

Ans
- ✗ A. 1,60,000
- ✗ B. 1,20,000
- ✗ C. 1,50,000
- ✓ D. 1,47,000

Q.11 A cyclist travels from Town A to Town B, a distance of 78 km, at a speed of 13 km/h. He returns from Town B to Town A at a speed of 26 km/h. What is the total time taken for the round trip, in hours?

Ans
- ✗ A. 7
- ✓ B. 9
- ✗ C. 8
- ✗ D. 10

Q.12 Of three numbers, the first number is 25 and the third number is 100. If the second number is the mean proportional between the first and the third numbers, find the value of the second number.

Ans
- ✗ A. 75
- ✓ B. 50
- ✗ C. 45
- ✗ D. 40

Q.13 A shopkeeper offers the following schemes on toys of the same marked price.
(A) Successive discounts of 6% and 39% on any number of toys bought.
(B) Successive discounts of 48%, 16% and 11% on any number of toys bought.
(C) 37% discount on the first 2 toys and 29% discount on each toy thereon.
(D) 2 toys free of cost on buying 4 toys.
A customer wants to buy 4 toys. Which of the above schemes is the least beneficial to her?

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

Q.14 A shopkeeper offers a single discount of 30% on a shirt priced at ₹800. Alternatively, he offers two successive discounts of 25% and 5% on the same shirt. What is the difference in the total discount amount between the two offers?

Ans
- ✗ A. ₹16
- ✓ B. ₹10
- ✗ C. ₹14
- ✗ D. ₹20

Q.15 Two sisters, Anika and Riya, have a combined present age of 34 years. Five years ago from now, Anika was twice as old as Riya was then. What is Anika's current age in years?

Ans
- ✗ A. 20
- ✗ B. 23
- ✓ C. 21
- ✗ D. 18

Q.16 A tank is full. Pipes A and B can drain the tank in 10 hours and 15 hours, respectively, while pipe C can fill the tank in 12 hours. Pipes A and B run for 2 hours, after which pipe C is also turned on. How many hours will it take to empty the tank completely?

Ans
- ✓ A. 10 hours
- ✗ B. 4 hours
- ✗ C. 8 hours
- ✗ D. 6 hours

Q.17 Simplify: $\left\{\frac{12}{27} \div \frac{12}{2}\right\} \div \left(\frac{1}{11} \times \frac{22}{3} + \frac{5}{9}\right) + \frac{2}{9} \div \frac{33}{22} \text{ of } \frac{22}{9}$

Ans
- ✗ A. $\frac{14}{41}$
- ✓ B. $\frac{4}{33}$
- ✗ C. $-\frac{1}{8}$
- ✗ D. $\frac{9}{23}$

Q.18 20 note books, 100 pens and 50 pencils were bought for ₹3,500. If the average cost of a note book is ₹50 and that of a pencil is ₹10, find the average cost of a pen.

Ans

✔ A. ₹20

✘ B. ₹25

✘ C. ₹15

✘ D. ₹16

Q.19 A and B can do a piece of work in 12 days and 24 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. 14

✘ B. 13

✘ C. 11

✔ D. 12

Q.20 A person travels half of a total distance at 30 km/h and the remaining half at 60 km/h. If the total distance is 120 km, how much time does the person take to complete the entire journey?

Ans

✔ A. 3 hours

✘ B. 5 hours

✘ C. 4 hours

✘ D. 2.5 hours

Q.21 A triangle has sides of lengths 5 cm, 12 cm, and 13 cm. If a perpendicular is drawn from the vertex opposite the longest side to the longest side, what is the length of the perpendicular? (Rounded off to two decimal places)

Ans

✘ A. 6.51 cm

✘ B. 5.37 cm

✘ C. 5.08 cm

✔ D. 4.62 cm

Q.22 A city is planning a new park in the shape of a regular hexagon with each side measuring 10 meters. Which of the following is closest to the area of the park?

Ans

✘ A. 173.2 square meters

✔ B. 259.8 square meters

✘ C. 150 square meters

✘ D. 600 square meters

Q.23 A shopkeeper buys an article for ₹500 and sells it for ₹575. What is the percentage profit?

Ans

✘ A. 20%

✔ B. 15%

✘ C. 12.5%

✘ D. 10%

Q.24 Priya invested ₹3200 in a bank at a simple interest rate of 12% per annum. If she kept her money in the bank for 5 years, what will be the total interest earned?

Ans

✘ A. ₹1910

✘ B. ₹1930

✔ C. ₹1920

✘ D. ₹1940

Q.25 Which of the following numbers are not divisible by 68?
(i) 17350
(ii) 23800
(iii) 28560
(iv) 35350

Ans
✗ A. (iii) and (iv)
✗ B. (ii) and (iii)
✓ C. (i) and (iv)
✗ D. (i) and (ii)

Q.26 Find the greatest number that will divide 186, 321 and 402 so as to leave the same remainder in each case.

Ans
✗ A. 23
✗ B. 19
✗ C. 13
✓ D. 27

Q.27 A mixture contains milk and water in the ratio 5:3. If 48 liters of water is added, the ratio becomes 5:5. Find the initial quantity of milk.

Ans
✗ A. 125 liters
✓ B. 120 liters
✗ C. 110 liters
✗ D. 115 liters

Q.28 A flagpole stands on top of a building. From a point 25 metres away from the base of the building, the angle of elevation to the top of the flagpole is 60°, and to the top of the building is 30°. What is the height of the flagpole? (Round your answer off to the nearest metre, and use $\sqrt{3}=1.7$)

Ans
✗ A. 30 m
✗ B. 35 m
✓ C. 29 m
✗ D. 31 m

Q.29 Simplify: $\sqrt{196} - \sqrt{81} + (\sqrt{16})^2$

Ans
✓ A. 21
✗ B. 5
✗ C. 7
✗ D. 14

Q.30 If the ratio of two numbers is 6 : 4, and their HCF is 49, then their LCM is:

Ans
✓ A. 294
✗ B. 298
✗ C. 287
✗ D. 295

Section : **General Awareness**

Q.31 What is the maximum loan amount available under PMMY for entrepreneurs who have successfully repaid previous 'Tarun' category loans?

Ans
✗ A. ₹50 lakh
✗ B. ₹10 lakh
✗ C. ₹5 lakh
✓ D. ₹20 lakh

Q.32 Which information is essential to perform stoichiometric calculations for a chemical reaction?

Ans

✗ A. The color of the reactants

✗ B. Temperature of the reaction

✓ C. A balanced chemical equation

✗ D. Type of apparatus used

Q.33 India, in October 2025, developed its first indigenously discovered antibiotic, effective against resistant respiratory infections. What is its name?

Ans

✗ A. Azithromycin

✗ B. Cefixime

✗ C. Penicillin-G

✓ D. Nafithromycin

Q.34 Which one of the following is NOT true in regard to The Waqf (Amendment) Bill, 2025 passed by the Indian government?

Ans

✗ A. The bill retains two Muslim women members in central Waqf council.

✗ B. The bill also seeks to improve the economic and social status of Muslim women.

✗ C. The bill retains two Muslim women members in state Waqf board.

✓ D. Female heirs are not guaranteed their rightful share in family waqf.

Q.35 Western Scholar Pishel associated the terms *Sutradhar* and *Sthapak* in Sanskrit plays with:

Ans

✗ A. Classical dance performances

✗ B. Ritual ceremonies

✓ C. Puppet dance tradition

✗ D. Ancient musical instruments

Q.36 In May 2025, what operation did India launch, involving missile and drone strikes in Pakistan, that escalated tensions significantly?

Ans

✗ A. Operation Trident

✗ B. Operation Horizon

✗ C. Operation Sunrise

✓ D. Operation Sindoor

Q.37 As of January 2025, which of the following was India's largest shipbuilding facility in terms of maximum shipbuilding capacity?

Ans

✗ A. Kattupalli Shipyard

✓ B. Cochin Shipyard Limited (CSL)

✗ C. Mazagon Dock Shipbuilders Limited

✗ D. Goa Shipyard Limited

Q.38 Which key is used to open the Start Menu in Windows 11?

Ans

✓ A. Windows Key

✗ B. Enter

✗ C. Ctrl

✗ D. Shift

Q.39 According to references in the Rigveda, the early Vedic Aryans inhabited a region known as:

Ans
- ✔ A. Sapta-Sindhu
- ✘ B. Aryavarta
- ✘ C. Madhyadesha
- ✘ D. Brahmavarta

Q.40 In which city did the World Health Summit 2024 take place?

Ans
- ✘ A. London
- ✔ B. Berlin
- ✘ C. Geneva
- ✘ D. Paris

Q.41 How many Fundamental Duties were finally included in the Constitution in 1976 (based on committee recommendations)?

Ans
- ✘ A. Six
- ✔ B. Ten
- ✘ C. Nine
- ✘ D. Seven

Q.42 Who is credited with codifying the method of Carnatic music?

Ans
- ✔ A. Purandara Dasa
- ✘ B. Kanaka Dasa
- ✘ C. Gopala Dasa
- ✘ D. Jagannatha Dasa

Q.43 Which quantities influence the kinetic energy of a moving body?

Ans
- ✘ A. Only mass
- ✘ B. Only velocity
- ✔ C. Both mass and velocity
- ✘ D. Its shape

Q.44 A game installed on your computer belongs to:

Ans
- ✘ A. System utilities
- ✘ B. Primary memory
- ✘ C. Device drivers
- ✔ D. Application software

Q.45 Which concern of the British government directly influenced the reorganisation of the Indian army after the Revolt of 1857?

Ans
- ✘ A. Reducing the influence of Indian cavalry units in strategic military decisions.
- ✘ B. Limiting the political awareness of Indian soldiers through restricted education.
- ✘ C. Avoiding financial strain caused by the overseas deployment of Indian troops.
- ✔ D. Preventing a future unified military uprising by Indian soldiers against British rule.

Q.46 Who among the following appoints judges of Family Courts in India?

Ans
- ✘ A. Governor
- ✘ B. Union Home Minister
- ✘ C. President
- ✔ D. State Government

Q.47 Which gas is the main contributor to acid rain formation?

Ans
- ✗ A. Methane
- ✗ B. Hydrogen
- ✗ C. Neon
- ✓ D. Sulphur dioxide

Q.48 What was the installed cement capacity and production of cement, respectively, in the Indian cement industry by 2022-23?

Ans
- ✓ A. 600 MT and 391 MT
- ✗ B. 500 MT and 231 MT
- ✗ C. 250 MT and 151 MT
- ✗ D. 300 MT and 181 MT

Q.49 Where did Narendra Modi inaugurate India's first deepwater transshipment port in May 2025?

Ans
- ✗ A. Gujarat
- ✓ B. Kerala
- ✗ C. Maharashtra
- ✗ D. Karnataka

Q.50 Which of the following statements is true for water when it is cooled from 4°C to 0°C?

Ans
- ✗ A. Volume and density both increase
- ✗ B. Volume and density both decrease
- ✓ C. Volume increases but density decreases
- ✗ D. Volume decreases but density remains same

Q.51 In which Indian state are the renowned Bagh Caves, famous for their ancient murals, located?

Ans
- ✗ A. Maharashtra
- ✗ B. Odisha
- ✓ C. Madhya Pradesh
- ✗ D. Chhattisgarh

Q.52 Which wildlife conservation strategy protects entire ecosystems rather than a single species?

Ans
- ✗ A. Seed banks
- ✗ B. Biodiversity hotspots
- ✗ C. Captive breeding
- ✓ D. In-situ conservation

Q.53 Which of the following regions in India is characterised by brackish lakes locally known as playas?

Ans
- ✗ A. Malabar Coast
- ✗ B. Western Ghats
- ✗ C. Deccan Plateau
- ✓ D. Thar Desert

Q.54 Which institute helped carry out the cloud seeding trial in Delhi in October 2025?

Ans
- ✗ A. IIT Madras
- ✓ B. IIT Kanpur
- ✗ C. IIT Bombay
- ✗ D. IIT Guwahati

Q.55 Which organisation was founded by Raja Ram Mohan Roy in 1828?

Ans

✗ A. Prarthana Samaj

✓ B. Brahmo Samaj

✗ C. Arya Samaj

✗ D. Ramakrishna Mission

Q.56 Which Amendment added Konkani, Manipuri, and Nepali to the Eighth Schedule?

Ans

✗ A. 42nd Amendment

✓ B. 71st Amendment

✗ C. 63rd Amendment

✗ D. 52nd Amendment

Q.57 Which Article prohibits judicial inquiry into ministerial advice tendered to President during constitutional functioning?

Ans

✗ A. Article 78

✗ B. Article 76

✗ C. Article 72

✓ D. Article 74

Q.58 Khut, Muqaddam and Patwari during the Delhi Sultanate were _____.

Ans

✓ A. village functionaries

✗ B. royal court functionaries

✗ C. town functionaries

✗ D. provincial functionaries

Q.59 The Confederation of Indian Industry (CII) successfully concluded the 13th edition of EXCON 2025 in which of the following cities?

Ans

✗ A. Jaipur

✗ B. New Delhi

✗ C. Chandigarh

✓ D. Bengaluru

Q.60 Which of the following is NOT a pull factor of migration?

Ans

✓ A. Socio-economic backwardness

✗ B. Better job opportunities

✗ C. Peace and stability

✗ D. Security of life

Q.61 From which year onward does PDL (Parliament Digital Library) have the digitized archives of legislative debates?

Ans

✗ A. 1953

✗ B. 1900

✓ C. 1854

✗ D. 1947

Q.62 In which year did the Government of India declare Odia as a classical language?

Ans

✓ A. 2014

✗ B. 2004

✗ C. 2017

✗ D. 2005

Q.63 In Windows 11 operating system, what happens when Alt + F4 is pressed while no applications or windows are open?

Ans

✗ A. Opens the Task Manager window

✗ B. Refreshes the desktop environment

✓ C. Shows the system shutdown dialog

✗ D. Launches the File Explorer window

Q.64 DNA and RNA are polymers made of long chains of _____.

Ans

✗ A. Amino acids

✗ B. Monosaccharides

✗ C. Fatty acids

✓ D. Nucleotides

Q.65 The Dutch lost influence in India mainly due to their defeat by which European power?

Ans

✗ A. French

✗ B. Portuguese

✗ C. Danish

✓ D. British

Q.66 According to Article 39A, the State shall:

Ans

✗ A. promote international peace and security

✗ B. provide clean drinking water

✗ C. provide religious freedom

✓ D. provide free legal aid

Q.67 In Windows 11, what is the purpose of using dir /s /b "syllabus.pdf" inside Command Prompt?

Ans

✗ A. To open “syllabus.pdf” using the default PDF viewer

✗ B. To copy “syllabus.pdf” into a new destination folder

✗ C. To show the file size and attributes of “report.pdf”

✓ D. To list full file paths of “syllabus.pdf” from all nested folders

Q.68 Which European country declared its exit from the International Criminal Court in April 2025?

Ans

✗ A. Bulgaria

✓ B. Hungary

✗ C. Slovakia

✗ D. Czech Republic

Q.69 What was the main aim of the 1991 economic reforms in India regarding industries?

Ans

✗ A. To increase government control

✗ B. To reduce agricultural output

✓ C. To promote privatization and competition

✗ D. To decrease foreign investment

Q.70 Which one of the following represents the correct formula for crude birth rate (CBR), where B = live births during the year; P= Estimated mid year population of the area?

Ans

✗ A. (Births + Population) × 100

✗ B. (Births × Population) ÷ 1000

✗ C. (Population ÷ Births) × 100

✓ D. (Births ÷ Population) × 1000

Q.71 In a row of 54 students facing the north, Gagan is 13th from the right end. If Nitin is 17th to the left of Gagan, what is Nitin's position from the left end of the row?

Ans
- ✗ A. 23rd
- ✗ B. 30th
- ✗ C. 27th
- ✓ D. 25th

Q.72 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:
All drawings are mountains.
All mountains are planes.

Conclusions:
(I) Some planes are mountains.
(II) All drawings are planes.

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

Q.73 Seven boxes, I, J, K, L, Q, R and S, are kept one over the other, but not necessarily in the same order.
Only Q is kept above I. Only two boxes are kept between I and S. R is kept immediately below I. Only K is kept below L.
Which box is kept second above J?

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

Q.74 Seven people, T, E, A, R, I, N and G, are sitting in a row, facing north. Only three people sit between N and I. T sits to the immediate left of I. No one sits to the right of E. Only two people sit between E and T. A sits to the immediate right of R. How many people sit between G and A?

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

Q.75 What should come in place of '?' in the given series?
152 140 134 122 116 104 ?

Ans
- ✓ A. 98
- ✗ B. 101
- ✗ C. 100
- ✗ D. 95

Q.76 If + means -, - means ×, × means ÷, and ÷ means +, then what will come in place of the question mark (?) in the following equation?

62 - 9 ÷ 94 + 480 × 15 = ?

Ans
- ✔ A. 620
- ✘ B. 629
- ✘ C. 611
- ✘ D. 606

Q.77 Refer to the following letter series and answer the question. (Counting to be done from left to right only.)
(Left) R U U K G S R E W Y P U K Q S T E Q Q U S V (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. 1
- ✘ B. 2
- ✔ C. 0
- ✘ D. 3

Q.78 If 'A' stands for '÷', 'B' stands for '×', 'C' stands for '+' and 'D' stands for '–', then what will come in place of the question mark (?) in the following equation?

41 D 44 C 9 A 21 B 7 = ?

Ans
- ✘ A. 1
- ✘ B. 2
- ✘ C. 3
- ✔ D. 0

Q.79 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.)

(158, 141, 177)
(164, 147, 183)

Ans
- ✘ A. (146, 129, 163)
- ✘ B. (122, 105, 139)
- ✔ C. (119, 102, 138)
- ✘ D. (131, 114, 151)

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

GTXI BXUK WBRM RFOO ?

Ans
- ✘ A. MKLR
- ✘ B. NKKQ
- ✘ C. NJKR
- ✔ D. MJLQ

Q.81 In a certain code language, 'COLD' is coded as '4928' and 'CLOG' is coded as '7428'. What is the code for 'D' in the given code language?

Ans
- ✔ A. 9
- ✘ B. 4
- ✘ C. 2
- ✘ D. 8

Q.82 In a certain code language,
A + B means 'A is the father of B',
A - B means 'A is the sister of B',
A × B means 'A is the daughter of B', and
A ÷ B means 'A is the mother of B'.
Based on the above, how is P related to T if 'P ÷ Q - R + S × T'?

Ans
✗ A. Sister's daughter
✗ B. Daughter's daughter
✗ C. Son's daughter
✓ D. Husband's mother

Q.83 Mr. Yorly starts from Point A and drives 11 km towards West. He then takes a left turn, drives 13 km, turns left and drives 30 km. He then takes a left turn, drives 26 km, turns left and drives 5 km. He then takes a left turn and drives 8 km. He takes a final right turn, drives 14 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90 degree turns only unless specified.)

Ans
✗ A. 6 km to the North
✗ B. 3 km to the East
✗ C. 2 km to the East
✓ D. 5 km to the South

Q.84 Each letter in the word HARMFUL 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 second from the right in the new letter cluster thus formed?

Ans
✓ A. 5
✗ B. 4
✗ C. 6
✗ D. 2

Q.85 In a row of 42 people facing the north, Amala sits 18th from the left end. If only 12 people sit to the right of Sneha, then how many people sit between Amala and Sneha?

Ans
✗ A. 9
✓ B. 11
✗ C. 10
✗ D. 12

Q.86 BEGH is related to HKMN in a certain way based on the English alphabetical order. In the same way, FIKM is related to LOQS. To which of the following is LNPS related, following the same logic?

Ans
✗ A. KMOR
✓ B. RTVY
✗ C. QSUX
✗ D. MOQT

Q.87 ZACY is related to VWYU in a certain way based on the English alphabetical order. In the same way, QRTP is related to MNPL. To which of the following is CDFB related, following the same logic?

Ans
✗ A. YAAI
✓ B. YZBX
✗ C. YYAX
✗ D. YZAX

Q.88 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

VRX 1, TPV 4, RNT 9, PLR 16, ?

Ans
- ✗ A. DOP 36
- ✗ B. KPR 36
- ✗ C. GSP 49
- ✓ D. NJP 25

Q.89 Ay, Bx, Cu, Dq, Ep, Fv and Gt are sitting around a circular table, facing the centre. Cu sits second to the left of Fv. Gt sits second to the left of Cu. Dq sits to the immediate left of Ep. Ay sits second to the right of Ep.
How many people sit between Bx and Ep when counted from the left of Bx?

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

Q.90 Based on the alphabetical order, three of the following four are alike in a certain way and thus form a group. Which is the one that does not belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter cluster.)

Ans
- ✗ A. QMJ
- ✓ B. SOP
- ✗ C. VRO
- ✗ D. KGD

Q.91 What should come in place of ? in the given series based on the English alphabetical order?
MQS QUW UYA YCE ?

Ans
- ✓ A. CGI
- ✗ B. CFH
- ✗ C. CHH
- ✗ D. CDF

Q.92 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:
All tables are boxes.
Some boxes are desktops.

Conclusions:
(I) Some tables are desktops.
(II) Some boxes are tables.

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.93 SMAL is related to PIVF in a certain way based on the English alphabetical order. In the same way, GWGN is related to DSBH. To which of the following options is XKRV related, following the same logic?

Ans
- ✗ A. UGPM
- ✗ B. UPLO
- ✓ C. UGMP
- ✗ D. UMPG

Q.94 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. WE - ZJ
- ✘ B. SZ - VD
- ✘ C. BM - EQ
- ✘ D. OA - RE

Q.95 Refer to the following letter series and answer the question that follows. Counting to be done from left to right only.

(Left) D E I V D I J Y T Z A K F Z S M U I Y E Q (Right)

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

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

Q.96 In a certain code language,
A = B means 'A is the sister 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 W related to G if 'W * F = K $ L @ G'?

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

Q.97 Which of the following two numbers should be interchanged to make the given equation correct?

(12 × 8) ÷ 6 + 4 × 13 − (36 ÷ 9) × 15 + 25 = 49

Ans
- ✘ A. 12 and 36
- ✔ B. 13 and 15
- ✘ C. 4 and 6
- ✘ D. 4 and 8

Q.98 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. BD - HJ
- ✔ B. EH - KM
- ✘ C. LN - RT
- ✘ D. HJ - NP

Q.99 In a certain code language, 'yak lock zip' is coded as ' je tc ly' and 'zip shirt cake' is coded as 'rl jg tc'. How is 'zip' coded in the given language?

Ans
- ✘ A. rl
- ✘ B. je
- ✔ C. tc
- ✘ D. ly

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

3 ? 90 360 1080 2160 2160

Ans
- ✔ A. 18
- ✘ B. 21
- ✘ C. 36
- ✘ D. 15

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