रेलवे भर्ती बोर्ड / RAILWAY RECRUITMENT BOARDS

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

Test Date	18/06/2026
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 **The sum of two positive numbers is 26 and their product is 144. The positive difference between them is:**

Ans
- ✗ A. 5
- ✗ B. 13
- ✓ C. 10
- ✗ D. 16

Q.2 **The price of a laptop was initially $1,200. During a sale, the price was first reduced by 20%, and then an additional discount of 15% was applied to the new price. What is the final price of the laptop?**

Ans
- ✗ A. $780
- ✓ B. $816
- ✗ C. $899
- ✗ D. $799

Q.3 **Three numbers are in the ratio 3 : 2 : 13, and their LCM is 2574. Their HCF is:**

Ans
- ✗ A. 23
- ✓ B. 33
- ✗ C. 43
- ✗ D. 76

Q.4 **A shopkeeper sells an article for ₹1,200 at a 20% profit. At what price (in ₹) should he sell the article to incur a loss of 10%?**

Ans
- ✗ A. ₹950
- ✗ B. ₹875
- ✓ C. ₹900
- ✗ D. ₹980

Q.5 **The L.C.M. of two numbers is 210 and their H.C.F. is 3. If the first number is divided by 3, the quotient is 7 and the remainder is 0. The second number is:**

Ans
- ✗ A. 25
- ✓ B. 30
- ✗ C. 60
- ✗ D. 35

Q.6 Two taps can fill a cistern in 4 hours and 19 hours, respectively. A third tap can empty it in 19 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. 1
- ✗ C. 2
- ✗ D. 4

Q.7 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 = 21 cm, BC = 33 cm, DC = 11 cm, and AD = 52 cm, then what is the length (in cm) of EF?

Ans
- ✗ A. 3
- ✗ B. 4
- ✗ C. 6
- ✓ D. 5

Q.8 A solid cylinder of radius 35 cm and height 50 cm is melted and recast into smaller identical cylinders, each having radius 3.5 cm and height 15 cm. How many complete such smaller cylinders are formed?

Ans
- ✗ A. 121
- ✗ B. 222
- ✓ C. 333
- ✗ D. 260

Q.9 Amit and Raghav invest in a business in the ratio 5 : 7. If the total profit is ₹48,000, what is Raghav's share?

Ans
- ✗ A. ₹26,000
- ✓ B. ₹28,000
- ✗ C. ₹30,000
- ✗ D. ₹32,000

Q.10 A sum of money is invested at a simple interest rate of 8% per annum. After 3 years, the simple interest earned is ₹1,920. What is the principal invested?

Ans
- ✓ A. ₹8,000
- ✗ B. ₹6,000
- ✗ C. ₹7,500
- ✗ D. ₹9,000

Q.11 A dishonest shopkeeper claims to sell 1 kg of rice at the cost price per kg. He actually uses a weight of 1200 g while purchasing rice, and a weight of 840 g while selling rice. What is the overall percentage profit made by the shopkeeper? (Round off the result to two decimal places.)

Ans
- ✓ A. 42.86%
- ✗ B. 43.44%
- ✗ C. 41.78%
- ✗ D. 40.33%

Q.12 In an educational institute, the ratio of male students to female students is 4 : 3. The ratio of the same female students to teaching staff is 8 : 1. Find the ratio of total students (male + female) to teaching staff.

Ans
- ✗ A. 66 : 7
- ✗ B. 27 : 1
- ✗ C. 21 : 2
- ✓ D. 56 : 3

Q.13 Three classes have 60, 40, and 50 students respectively. Their average marks are 65, 72, and 60. What is the average mark of all 150 students combined?

Ans
- ✗ A. 70
- ✓ B. 65.2
- ✗ C. 60
- ✗ D. 67

Q.14 What is the mode of the following data?

53, 46, 55, 53, 40, 48, 53, 47, 41, 54, 43, 55, 54, 51, 43, 42, 44, 47

Ans
- ✗ A. 46
- ✗ B. 48
- ✓ C. 53
- ✗ D. 55

Q.15 The difference between two numbers is 8. If twice the larger number is 4 more than three times the smaller number, what is the larger number?

Ans
- ✗ A. 18
- ✗ B. 16
- ✓ C. 20
- ✗ D. 14

Q.16 The price of a book is increased from ₹200 to ₹220. What is the percentage increase in the price?

Ans
- ✗ A. 8%
- ✓ B. 10%
- ✗ C. 12%
- ✗ D. 5%

Q.17 If $(3^{-22}+3^{-19}+3^{-17}+3^{-16})=k(3^{-24})$, then find the value of k.

Ans
- ✓ A. 9000
- ✗ B. 900
- ✗ C. 1000
- ✗ D. 3000

Q.18 Two pipes, A and B, can fill a tank in 20 minutes and 30 minutes, respectively. A waste pipe C can empty it in 60 minutes. All three are opened together. After 10 minutes, pipe C is closed. How much total time will it take to fill the tank?

Ans
- ✓ A. 14 minutes
- ✗ B. 15 minutes
- ✗ C. 17 minutes
- ✗ D. 12 minutes

Q.19 A train A passes a fixed pole in 24 seconds. The same train completely crosses another train B of length 150 m coming from the opposite direction in 20 seconds. Train B's speed is 54 km/h. Find the length and the speed of train A.

Ans
- ✗ A. 900 m and 134 km/h
- ✗ B. 600 m and 135 km/h
- ✗ C. 500 m and 135 km/h
- ✓ D. 900 m and 135 km/h

Q.20 A pen is priced at ₹47. A scheme offers "Buy 4, Get 1 at 50% off". What is the effective price per pen?

Ans

✔ A. ₹42.30

✘ B. ₹40.30

✘ C. ₹38.30

✘ D. ₹39.30

Q.21 A cylindrical pipe has an external radius of 8 cm and an internal radius of 7 cm. If its length is 20 cm, what is the volume of material used in the pipe? (Use π = 3.14)

Ans

✘ A. 192 cubic cm

✘ B. 201 cubic cm

✘ C. 320 cubic cm

✔ D. 942 cubic cm

Q.22 If x is the fourth proportional of 37, 25 and 888, what is the value of x?

Ans

✘ A. 400

✘ B. 800

✘ C. 500

✔ D. 600

Q.23 A daily commuter usually reaches his office on time by driving at a speed of 40 km/hr. One day, due to traffic, he drives at 30 km/hr and reaches 20 minutes late. What is the distance to his office?

Ans

✔ A. 40 km

✘ B. 60 km

✘ C. 50 km

✘ D. 30 km

Q.24 Which of the expressions given below has the same value as that of $\cos^2(\theta) + \sin^2(\theta)$?

Ans

✘ A. $1 + \tan^2(\theta) - (1 - \sec^2(\theta))$

✘ B. $\text{cosec}^2(\theta) + \sec^2(\theta)$

✘ C. $\text{cosec}^2(\theta) + \cot^2(\theta)$

✔ D. $1 + \tan^2(\theta) + (1 - \sec^2(\theta))$

Q.25 What sum (in ₹) will earn a simple interest of ₹1,320 in 4 years at 12% per year rate of interest?

Ans

✘ A. 5,500

✘ B. 633.6

✘ C. 1,375

✔ D. 2,750

Q.26 What least value must be given to n so that the number 5135n2 becomes divisible by 9?

Ans

✘ A. 5

✘ B. 3

✘ C. 4

✔ D. 2

Q.27 Five years ago, Rahul was twice as old as his brother. If Rahul is 10 years older than his brother, what is Rahul's present age?

Ans

✘ A. 15 years

✔ B. 25 years

✘ C. 30 years

✘ D. 20 years

Q.28 **A person spends 75% of his income. If his income increases by 20% and his expenditure increases by 10%, what is the percentage change in his savings?**

Ans
- ✗ A. 60% increase
- ✓ B. 50% increase
- ✗ C. 40% increase
- ✗ D. 25% increase

Q.29 If $2^x - 2^{x-1} = 32$, then the value of $\frac{2x-1}{2x+3}$ is:

Ans
- ✗ A. $\frac{11}{14}$
- ✓ B. $\frac{11}{15}$
- ✗ C. $\frac{11}{12}$
- ✗ D. $\frac{11}{13}$

Q.30 **The 7-digit number 77A444B is divisible by 24. What is the maximum value of (A + B)?**

Ans
- ✗ A. 13
- ✗ B. 12
- ✗ C. 15
- ✓ D. 16

Section : **General Awareness**

Q.31 **During group project file sharing in the CSE classroom, LAN connects which devices directly?**

Ans
- ✗ A. Global internet servers across continents
- ✓ B. Local computers within the same building
- ✗ C. Printers connected via Bluetooth pairing
- ✗ D. Satellite phones for remote areas only

Q.32 **Which of the following traditions are the two major streams of Indian classical music?**

Ans
- ✗ A. Tribal Folk and Bhakti
- ✗ B. Carnatic and Rajasthani Folk
- ✗ C. Hindustani and Western Classical
- ✓ D. Hindustani and Carnatic

Q.33 **Elections to Panchayats and Municipalities are managed by which body according to the Constitution?**

Ans
- ✗ A. Lok Sabha Secretariat
- ✗ B. District Magistrates
- ✓ C. State Election Commissions
- ✗ D. Central Election Commission

Q.34 **The overall Labour Force Participation Rate (LFPR) for persons aged 15 years and above increased to what percentage in October 2025?**

Ans
- ✗ A. 54.2%
- ✗ B. 55.0%
- ✓ C. 55.4%
- ✗ D. 56.1%

Q.35 Which of the following shortcut keys opens File Explorer directly in MS Windows?

Ans

✗ A. Ctrl + E

✗ B. Shift + E

✓ C. Windows logo key + E

✗ D. Alt + E

Q.36 In June 2025, which major summit was hosted for the first time by the Netherlands in The Hague (24–25 June)?

Ans

✗ A. EU-27 Summit

✗ B. ASEAN Summit

✗ C. G7 Summit

✓ D. NATO Summit

Q.37 The phrase "internal disturbance" in the Emergency provisions of the Constitution of India was replaced with which term?

Ans

✗ A. Civil unrest

✓ B. Armed rebellion

✗ C. National instability

✗ D. Internal security threat

Q.38 Who among the following introduced the system of branding of horses (dagh) and maintaining descriptive rolls of soldiers (chehra)?

Ans

✗ A. Muhammad bin Tughlaq

✓ B. Alauddin Khalji

✗ C. Iltutmish

✗ D. Balban

Q.39 Which statement is True or False regarding a computer's characteristics?

(i) Accuracy guarantees zero errors in output, even with flawed input.
(ii) No IQ means a computer cannot perform tasks without explicit instructions from the user or programmer.

Ans

✗ A. (i) False, (ii) False

✗ B. (i) True, (ii) False

✓ C. (i) False, (ii) True

✗ D. (i) True, (ii) True

Q.40 Which of the following was NOT a key objective of the demonetisation initiative implemented in November 2016?

Ans

✓ A. Increasing reliance on cash transactions

✗ B. Curbing corruption and black money

✗ C. Promoting digital payments and a cashless economy

✗ D. Reducing counterfeit currency and terror financing

Q.41 The quantity represented by the unit volt per ampere corresponds to which electrical unit?

Ans

✓ A. Ohm

✗ B. Coulomb

✗ C. Watt

✗ D. Joule

Q.42 Metro trains in India are built and operated mainly in partnership with which Ministry of the Government of India?

Ans
- ✔ A. Ministry of Urban Development
- ✘ B. Ministry of Civil Aviation
- ✘ C. Ministry of Railways
- ✘ D. Ministry of Road Transport

Q.43 Who is known for popularising the Santoor, an Indian classical instrument, globally?

Ans
- ✘ A. Pandit Ravi Shankar
- ✘ B. Pandit Hariprasad Chaurasia
- ✔ C. Pandit Shivkumar Sharma
- ✘ D. Ustad Amjad Ali Khan

Q.44 Which organization is responsible for the development and regulation of navigation through rivers and canals in India?

Ans
- ✘ A. National Highway Authority of India
- ✘ B. Shipping Corporation of India
- ✘ C. Central Water Commission
- ✔ D. Inland Waterways Authority of India

Q.45 Under the Fifth Schedule of the Indian Constitution, which States are excluded from the definition of State?

Ans
- ✘ A. Assam, Meghalaya, Tripura, Nagaland
- ✘ B. Assam, Manipur, Meghalaya
- ✔ C. Assam, Meghalaya, Tripura, Mizoram
- ✘ D. Assam, Mizoram, Arunachal Pradesh, Sikkim

Q.46 How did the Rangarajan Group recommend updating the poverty line in the future?

Ans
- ✘ A. By removing the concept of poverty line altogether
- ✔ B. By using the Fisher Index with data from NSSO
- ✘ C. By relying on the National Accounts Statistics
- ✘ D. By using a relative poverty measure compared to an absolute measure

Q.47 What demographic shift characterizes Brazil's transition since the 1980s?

Ans
- ✘ A. High births with low longevity
- ✘ B. Rising urban mortality
- ✔ C. Falling birth and death rates
- ✘ D. Stable fertility with immigration

Q.48 The phenotype short in pea plants is expressed by which allele combination?

Ans
- ✘ A. TT
- ✔ B. tt
- ✘ C. tT
- ✘ D. Tt

Q.49 Which of the following Amendments to the Constitution of India allows both the centre and states to levy the Goods and Services Tax (GST)?

Ans
- ✔ A. 101st Amendment, 2016
- ✘ B. 67th Amendment, 1990
- ✘ C. 74th Amendment, 1992
- ✘ D. 80th Amendment, 2000

Q.50 How does the Vidhan Parishad elect its chairman?

Ans

✗ A. Appointed by the President

✓ B. Elected by members of the Vidhan Parishad

✗ C. Elected by members of the Lok Sabha

✗ D. Nominated by the Governor

Q.51 Which factor led to the Mysore rebellion of 1830–31 against the restored Wodeyar administration?

Ans

✗ A. Protectionist policies designed to shield peasants from levies.

✗ B. Expansion of irrigation that reduced the cost of agricultural dues.

✗ C. Reduction in policing that strengthened the power of local chiefs.

✓ D. Increased revenue pressure that ultimately burdened cultivators.

Q.52 Oxidation in a redox reaction involves which of the following?

Ans

✗ A. Electrons gained

✓ B. Electrons lost

✗ C. Protons gained

✗ D. Protons lost

Q.53 Which of the following factors does NOT promote globalisation?

Ans

✓ A. Subsidies and protectionism in domestic markets

✗ B. Privatization of state-owned enterprises

✗ C. Foreign Direct Investment (FDI)

✗ D. Removal of trade barriers

Q.54 Which of the following statements is true regarding the Marine West Coast Climate (Cfb) as per Koeppen's scheme of classification of climate?

Ans

✗ A. It has a pronounced dry season in summer.

✗ B. It is found in the interiors of continents far from the coast.

✓ C. It experiences small daily and annual temperature ranges due to oceanic influence.

✗ D. It receives less than 20 cm of rainfall annually.

Q.55 Which of the following does NOT influence the horizontal distribution of air pressure?

Ans

✗ A. Presence of water vapour

✓ B. Ocean salinity

✗ C. Air temperature

✗ D. Earth's rotation

Q.56 A user wants to quickly access a folder named Reports which is frequently used, but it is deeply nested within the following path: **C:\Users\Public\Documents\Projects\2020_Q2\Reports**. Which feature of the Windows File Explorer offers the most efficient way to create a one-click shortcut to this folder within the file explorer window itself?

Ans

✗ A. Pinning the folder to the Start Menu

✗ B. Creating a new library and including the folder

✗ C. Mapping the folder as a new Network Drive

✓ D. Adding the folder to the Quick Access section

Q.57 Which of the following was a unique feature of Arya Samaj meetings, as seen during Dayanand Saraswati's time?

Ans

✗ A. They involved animal sacrifices

✓ B. Women participated equally

✗ C. Only Brahmins could attend

✗ D. They were held only in temples

Q.58 What factors have caused the number of Rajya Sabha seats assigned to States and Union Territories to fluctuate since 1952?

Ans

✓ A. Reorganization and formation of new States

✗ B. Decisions of the Supreme Court

✗ C. Economic reforms

✗ D. Change in the President's powers

Q.59 How do antacids reduce pain during indigestion?

Ans

✓ A. Neutralising excess stomach acid

✗ B. Reducing food intake

✗ C. Thickening stomach walls

✗ D. Increasing acid production

Q.60 The Rigveda, the oldest of the Vedas, mainly consists of which of the following?

Ans

✗ A. Ritual manuals

✗ B. Epic narratives

✗ C. Philosophical essays

✓ D. Hymns

Q.61 Which of the following texts is considered the earliest Vedic composition depicting the life of early Vedic people?

Ans

✗ A. Samaveda

✗ B. Atharvaveda

✓ C. Rigveda

✗ D. Yajurveda

Q.62 Annalena Baerbock, who served as the President of the 80th session of the UN General Assembly in 2025, belongs to which country?

Ans

✗ A. Czech Republic

✗ B. Denmark

✓ C. Germany

✗ D. Austria

Q.63 What was the theme of World Environmental Health Day 2025 observed on 26 September 2025?

Ans

✓ A. Clean Air, Healthy People

✗ B. Plastic-Free Future

✗ C. Protecting Our Planet

✗ D. Water for All

Q.64 In August 2025, which mission did PM Modi announce to stop enemy defence infiltrations and boost India's attack strength?

Ans

✓ A. Sudarshan Chakra Mission

✗ B. Project Kusha

✗ C. Agni-V Shield Mission

✗ D. Mission Trishul

Q.65 India has secured which rank in the Asia Power Index 2025?

Ans

✗ A. First

✗ B. Fourth

✓ C. Third

✗ D. Second

Q.66 Which of the following coastal plains contains irregular, indented coastlines with natural harbours?

Ans

✓ A. Konkan Region

✗ B. East Coastal Plain

✗ C. Kathiawar Plain

✗ D. Rann of Kutch

Q.67 The Paika Rebellion (1817), considered one of the earliest anti-colonial uprisings, took place in which region?

Ans

✗ A. Bengal

✗ B. Assam

✓ C. Odisha

✗ D. Maharashtra

Q.68 India's fourth Asia Cup win in men's hockey (2025) ended a drought of how many years?

Ans

✗ A. 12 years

✗ B. 10 years

✓ C. 8 years

✗ D. 5 years

Q.69 What is the title of the book, released in April 2025 in New Delhi, that compiles Prime Minister Narendra Modi's speeches on culture?

Ans

✗ A. Sanskriti Ke Shilpkar

✗ B. Modi on Culture and Heritage

✗ C. Bharat Ki Sanskritik Yatra

✓ D. Sanskriti Ka Panchva Adhyay

Q.70 Which of the following was a characteristic feature of Harappan street planning?

Ans

✗ A. Narrow zig-zag streets designed to control traffic flow

✗ B. Broad circular roads radiating out from a central square

✓ C. Streets intersecting at right angles forming a criss-cross pattern

✗ D. Elevated stone causeways replacing ordinary streets

Section : **General Intelligence and Reasoning**

Q.71 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. PNN

✗ B. KHI

✗ C. ZWX

✗ D. FCD

Q.72 Seven people F, G, H, L, M, O and Q are sitting in a row facing north. Only two people sit between H and Q. Only H sits to the right of G. Only three people sit between G and F. L sits at some place to the left of O, but at some place to the right of M. How many people sit between M and O?

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

Q.73 Select the pair which follows the same pattern as that followed by the two pairs given below. Both pairs follow the same pattern.

VXW–UWV
WYX–VXW

Ans
- ✓ A. BDC–ACB
- ✗ B. BCA–ACB
- ✗ C. BDC–ZCA
- ✗ D. BCA–ZBA

Q.74 In a certain code language, 'salt elbow care' is coded as ' zh pv nf' and 'night care jar' is coded as 'ab po zh'. How is 'care' coded in the given language?

Ans
- ✓ A. zh
- ✗ B. ab
- ✗ C. nf
- ✗ D. pv

Q.75 Each of the digits in the number 73912685 is arranged in 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. None
- ✗ B. Two
- ✓ 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?

39 – 15 ÷ 3 + 124 × 4 = ?

Ans
- ✗ A. 59
- ✗ B. 52
- ✓ C. 53
- ✗ D. 50

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. D is kept third from the bottom. C is kept above A but below D. Only two boxes are kept between G and F. E is kept above F but below B. How many boxes are kept between E and D?

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

Q.78 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.)

(15, 12, 37)
(25, 15, 50)

Ans
✔ A. (2, 8, 20)
✘ B. (23, 5, 40)
✘ C. (24, 10, 40)
✘ D. (18, 17, 42)

Q.79 Seven boxes A, B, C, D, E, F and G are kept one over the other but not necessarily in the same order. Only G is kept above E. Only C is kept between E and A. Only F is kept below B. How many boxes are kept between C and F?

Ans
✘ A. 4
✔ B. 3
✘ C. 1
✘ D. 2

Q.80 What should come in place of '?' in the given series based on the English alphabetical order?
BMS EPV HSY KVB ?

Ans
✘ A. NYD
✔ B. NYE
✘ C. OYE
✘ D. NXE

Q.81 What should come in place of the '?' in the given series?

51 78 132 213 321 ?

Ans
✔ A. 456
✘ B. 462
✘ C. 448
✘ D. 450

Q.82 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

GCH 10, DZE 21, AWB 32, XTY 43, ?

Ans
✘ A. UQB 56
✔ B. UQV 54
✘ C. KPT 56
✘ D. LFY 58

Q.83 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 between G and B. Only D is kept above C. No box is kept below B. F is kept at some place below A but at some place above E. How many boxes are kept between D and E?

Ans
✘ A. 2
✘ B. 1
✔ C. 4
✘ D. 3

Q.84 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. PS - OR
- ✗ B. FI - EH
- ✓ C. KN - JL
- ✗ D. LO - KN

Q.85 Mr. Yorly starts from Point A and drives 29 km towards East. He then takes a right turn, drives 16 km, turns right and drives 39 km. He then takes a right turn and drives 9 km. He then takes a right turn, drives 6 km, turns left and drives 3 km. He takes a final right 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. 7 km to the West
- ✗ B. 6 km to the South
- ✓ C. 4 km to the North
- ✗ D. 8 km to the East

Q.86 Refer to the following series and answer the question. (Counting to be done from left to right only.) (All numbers are single-digit numbers only.)
(Left) 5 4 3 1 6 8 8 1 5 7 7 7 4 1 6 2 7 9 1 3 9 7 7 3 9 2 6 (Right)
How many such odd numbers are there, each of which is immediately preceded by an odd number and also immediately followed by an even number?

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

Q.87 DIOR is related to AEJL in a certain way based on the English alphabetical order. In the same way, RSUT is related to OOPN. To which of the following options is IGFB related, following the same logic?

Ans
- ✓ A. FCAV
- ✗ B. FCVA
- ✗ C. FVCA
- ✗ D. FAVC

Q.88 A, B, D, J, O, T and Z are sitting around a circular table facing the center. Only four people sit between B and D when counted from the right of B. O and T are immediate neighbors of J. Exactly four people sit between A and Z when counted from the left of A. Z is not an immediate neighbor of O or D. How many people sit between D and Z when counted from the left of D?

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

Q.89 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

LJL MKM NLN OMO ?

Ans
- ✗ A. PQS
- ✗ B. POO
- ✓ C. PNP
- ✗ D. PMO

Q.90 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 doors are petals. Some flowers are petals.
Conclusion (I): Some flowers are doors.
Conclusion (II): All petals are flowers.

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

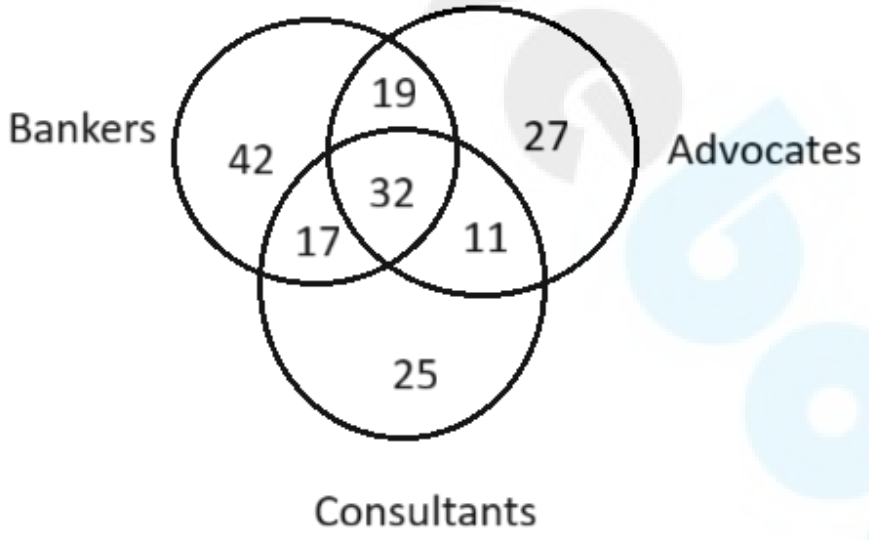
Q.91 In a certain code language,

A + B means 'A is the sister of B',
A – B means 'A is the brother of B',
A x B means 'A is the father of B' and
A ÷ B means 'A is the mother of B'.

Based on the above, how is M related to R if 'M x N ÷ O – P + Q – R'?

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

Q.92 Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of persons. (NOTE: You have to take the given data to be true even if it seems to be at variance from commonly known facts.)
How many such Consultants are there who are Bankers as well as Advocates?



Ans
- ✗ A. 25
- ✓ B. 32
- ✗ C. 17
- ✗ D. 11

Q.93 In a certain code language, 'FISH' is coded as '1963' and 'HITS' is coded as '6983'. What is the code for 'T' in the given code language?

Ans
- ✓ A. 8
- ✗ B. 9
- ✗ C. 6
- ✗ D. 3

Q.94 What should come in place of '?' in the given series?
211, 219, 235, 259, 291, ?

Ans
✗ A. 341
✓ B. 331
✗ C. 321
✗ D. 330

Q.95 Refer to the following letter series and answer the question. (Counting to be done from left to right only.)
(Left) I G I H C Y A O Z L K E P D J C O P T I R G (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. 3
✗ B. 5
✓ C. 4
✗ D. 6

Q.96 If 'A' stands for '÷' , 'B' stands for 'x', 'C' stands for '+' and 'D' stands for '-' , what will come in place of the question mark '?' in the following equation?
220 C 56 A 14 D 17 B 12 =?

Ans
✗ A. 24
✗ B. 36
✗ C. 30
✓ D. 20

Q.97 Select the pair which follows the same pattern as that followed by the two sets of pairs given below. Both pairs follow the same pattern.
NPS : KMP
DOQ : ALN

Ans
✗ A. SEL : OAI
✗ B. EHL : CFI
✓ C. HDP : EAM
✗ D. DHG : BEC

Q.98 Refer to the given series and answer the question that follows. All numbers are single-digit numbers only.

(Left) 8 7 1 9 3 4 1 2 3 7 5 7 7 8 5 6 6 1 6 3 7 3 5 (Right)

How many such even digits are there, each of which is immediately preceded by an even digit and also immediately followed by an even digit?

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

Q.99 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. NV – JR
✗ B. GT – CP
✓ C. HL – FD
✗ D. QF – MB

Q.100 In a certain code language,
A = B means ‘A is the son of B’,
A $ B means ‘A is the sister 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. Mother's brother's son
- ✗ B. Sister's son
- ✓ C. Mother's sister's son
- ✗ D. Father's sister's son

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