रेलवे भर्ती बोर्ड / RAILWAY RECRUITMENT BOARDS

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

Test Date	16/06/2026
Test Time	4:30 PM - 6:00 PM
Subject	RRB NTPC UnderGraduate CBT I

*** Note**
Correct Answer will carry 1 mark per Question.
Incorrect Answer will carry 1/3 Negative mark per Question.

1. Options shown in green color with a tick icon are correct.
2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : **Mathematics**

Q.1 **Which of the following numbers is divisible by 11?**

Ans
- ✗ A. 869756
- ✓ B. 978626
- ✗ C. 447255
- ✗ D. 112044

Q.2 If $6^x - 6^{x-1} = 30$, then the value of $\frac{2x-1}{2x+3}$ is:

Ans
- ✓ A. $\frac{3}{7}$
- ✗ B. $\frac{3}{9}$
- ✗ C. $\frac{3}{11}$
- ✗ D. $\frac{3}{4}$

Q.3 **What sum (in ₹) will earn a simple interest of ₹1,320 in 3 years at 16% per year rate of interest?**

Ans
- ✗ A. 633.6
- ✗ B. 5,500
- ✗ C. 1,375
- ✓ D. 2,750

Q.4 **If the difference between the ages of a mother and her daughter is 24 years, and the sum of their ages is 52 years, how old (in years) is the mother?**

Ans
- ✗ A. 40
- ✗ B. 36
- ✓ C. 38
- ✗ D. 28

Q.5 What is the ratio between the third proportional of 36 and 48 to the third proportional of 49 and 64?

Ans
✗ A. 16:25
✗ B. 38:41
✗ C. 3:5
✓ D. 49:64

Q.6 The HCF and LCM of two numbers are 15 and 225, respectively. Which of the following pairs can be the numbers?

Ans
✗ A. 25 and 135
✗ B. 25 and 65
✓ C. 45 and 75
✗ D. 15 and 75

Q.7 Two trains P and Q, measure 200 m and 300 m in length, respectively. The faster train, coming from behind, takes 48 seconds to overtake the slower when moving in the same direction. When they approach each other from opposite directions, they cross each other completely in 20 seconds. Determine the speed of the faster train.

Ans
✗ A. 62.75 km/h
✗ B. 61.75 km/h
✓ C. 63.75 km/h
✗ D. 60.75 km/h

Q.8 A hollow cylinder of thickness 1 unit and length 14 units is made with 396 cubic units of metal. Its inner volume is _____ cubic units. (Take $\pi = \frac{22}{7}$)

Ans
✗ A. 730
✓ B. 704
✗ C. 636
✗ D. 676

Q.9 A cylindrical tank of radius 20 cm contains water up to a height of 10 cm. If 30 solid spheres, each of radius 7 cm, are completely immersed in the water, then the rise in the water level (in cm) is (Use $\pi = 3.14$)

Ans
✗ A. 28.7 cm
✓ B. 34.3 cm
✗ C. 32.4 cm
✗ D. 36.5 cm

Q.10 A cistern is filled by two taps, C and D, in 54 minutes and 81 minutes, respectively. There is also a drain E at the bottom. If all three are opened simultaneously, the cistern is filled in 108 minutes. In how many minutes can drain E alone empty the cistern? (up to two decimal places)

Ans
✗ A. 42.06
✗ B. 45.64
✓ C. 46.29
✗ D. 49.24

Q.11 A person travels three-fifths of the total distance from home to office by train, one-fourth by car, and the remaining 300 metres on foot. What is the total distance (in kilometres) from home to office?

Ans
✗ A. 3
✗ B. 4
✓ C. 2
✗ D. 5

Q.12 A shopkeeper claims to sell rice at **cost price**, but uses a false weight and gains **25%**. For **1 kg**, how much rice does he actually give?

Ans
- ✗ A. 900 gm
- ✓ B. 800 gm
- ✗ C. 750 gm
- ✗ D. 850 gm

Q.13 If $1.2x = 0.5y$, find the value of $\frac{x+y}{x-y}$.

Ans
- ✗ A. $\frac{14}{3}$
- ✓ B. $-\frac{17}{7}$
- ✗ C. $\frac{12}{5}$
- ✗ D. $-\frac{21}{4}$

Q.14 In a parallelogram, one angle is 70°. What are the measures of the other three angles?

Ans
- ✗ A. 110°, 110°, 110°
- ✓ B. 70°, 110°, 110°
- ✗ C. 70°, 90°, 110°
- ✗ D. 70°, 70°, 70°

Q.15 If ₹5,000 is invested at 8% per annum compounded annually, what will be the compound interest earned after 2 years?

Ans
- ✗ A. ₹816
- ✗ B. ₹840
- ✓ C. ₹832
- ✗ D. ₹800

Q.16 A shopkeeper offers the following schemes on toys of the same marked price.
(A) Successive discounts of 27% and 39% on any number of toys bought.
(B) Successive discounts of 39%, 7% and 40% on any number of toys bought.
(C) 26% discount on the first 9 toys and 13% discount on each toy thereon.
(D) 7 toys free of cost on buying 9 toys.
A customer wants to buy 9 toys. Which of the above schemes is the least beneficial to her?

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

Q.17 A vertical communication tower stands on a building 30 meters high. From a point 70 meters from the building, the angles of elevation to the top and bottom of the tower are 30° and 60°, respectively. What is the height of the tower (in m)?

Ans
- ✓ A. $70\sqrt{3} - 30$
- ✗ B. $30\sqrt{3}$
- ✗ C. $70\sqrt{3} + 30$
- ✗ D. $\frac{70\sqrt{3}}{2} + 30$

Q.18 An item is sold after giving successive discounts of 10% and 20%. What is the net percentage reduction in its price?

Ans
- ✔ A. 28%
- ✘ B. 34%
- ✘ C. 32%
- ✘ D. 30%

Q.19 Two taps can fill a cistern in 4 hours and 13 hours, respectively. A third tap can empty it in 13 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. 2
- ✘ B. 4
- ✔ C. 1
- ✘ D. 3

Q.20 A shopkeeper marks a washing machine at ₹24,000. During a festival, he offers a 20% discount and sells it for an additional ₹800 less. What is the final selling price of the washing machine?

Ans
- ✘ A. ₹17,600
- ✘ B. ₹18,800
- ✔ C. ₹18,400
- ✘ D. ₹19,200

Q.21 A shopkeeper sells an article to A at a profit of 20%. A sells it to B at a profit of 25%. If B pays ₹3,000, what is the cost price of the article for the shopkeeper?

Ans
- ✘ A. ₹2,080
- ✘ B. ₹2,100
- ✘ C. ₹2,200
- ✔ D. ₹2,000

Q.22 A shopkeeper buys two types of notebooks. The cost of 3 notebooks of the first type and 5 notebooks of the second type together is ₹420. The cost of one notebook of the second type is ₹20 more than the cost of one notebook of the first type. What is the cost of one notebook of the first type?

Ans
- ✔ A. ₹40
- ✘ B. ₹45
- ✘ C. ₹42
- ✘ D. ₹48

Q.23 Three friends, Amit, Bala, and Chetan, have savings in the ratio 5:7:9. If Bala's savings exceed Amit's by ₹3,600, what are Chetan's total savings?

Ans
- ✘ A. ₹16,800
- ✔ B. ₹16,200
- ✘ C. ₹16,600
- ✘ D. ₹16,400

Q.24 The sum of two positive numbers is 44 and their product is 228. The positive difference between them is:

Ans
- ✘ A. 36
- ✔ B. 32
- ✘ C. 37
- ✘ D. 33

Q.25 **The average of five numbers is 24. If four of the numbers are 18, 20, 25 and 27, what is the fifth number?**

Ans
- ✗ A. 28
- ✓ B. 30
- ✗ C. 35
- ✗ D. 32

Q.26 **A company's revenue increases by 20% in the first year, decreases by 10% in the second year, and increases by 15% in the third year. What is the overall percentage change in revenue over the three years?**

Ans
- ✗ A. 25.2% increase
- ✓ B. 24.2% increase
- ✗ C. 23.2% increase
- ✗ D. 26.2% increase

Q.27 If $2^{(x+1)} \times 4^{(y-2)} = 32$ and $x = 3y$, what is the value of y?

Ans
- ✗ A. 1.4
- ✓ B. 1.6
- ✗ C. 1
- ✗ D. 1.5

Q.28 **The present ages of A and B are in the ratio 4:5. If after 8 years from now, A will be 32 years old, what is B's present age?**

Ans
- ✓ A. 30 years
- ✗ B. 34 years
- ✗ C. 32 years
- ✗ D. 28 years

Q.29 **The arithmetic mean of 3, 7, 11, ..., 51 is _____.**

Ans
- ✗ A. 35
- ✗ B. 23
- ✗ C. 31
- ✓ D. 27

Q.30 **The LCM of the numbers 7, 12.4 and 1 is:**

Ans
- ✗ A. 440
- ✗ B. 441
- ✓ C. 434
- ✗ D. 442

Section : **General Awareness**

Q.31 **The 20-Point Economic Programme was initially launched in 1975 primarily to:**

Ans
- ✗ A. Reduce government borrowing
- ✗ B. Promote foreign direct investment
- ✓ C. Accelerate socio-economic reforms
- ✗ D. Liberalize trade policies

Q.32 The architectural style of the Jagannath Temple is primarily associated with which of the following traditions?

Ans

✗ A. Dravidian style

✗ B. Hoysala Style

✗ C. Vesara style

✓ D. Kalinga style

Q.33 Which option is used in Windows 11 to temporarily turn off the computer to save power while keeping programs open?

Ans

✓ A. Hibernate

✗ B. Wake Up

✗ C. Restart

✗ D. Shut Down

Q.34 Which of the following Articles of the Indian Constitution provides for the suspension of enforcement of the rights conferred by Part III during emergencies?

Ans

✗ A. Article 358

✗ B. Article 356

✓ C. Article 359

✗ D. Article 357

Q.35 Which term describes sound energy received per second per unit area?

Ans

✓ A. Intensity

✗ B. Frequency

✗ C. Echo

✗ D. Pitch

Q.36 The British gained control over Bengal after which major battle?

Ans

✗ A. Battle of Wandiwash

✓ B. Battle of Plassey

✗ C. Battle of Panipat

✗ D. Battle of Buxar

Q.37 In October 2025, which country awarded its highest decoration, the 'Grand Order of Mugunghwa', to U.S. President Donald Trump?

Ans

✓ A. South Korea

✗ B. Japan

✗ C. China

✗ D. Bhutan

Q.38 Which of the following keyboard shortcuts is used to copy selected text or objects?

Ans

✗ A. Ctrl + S

✗ B. Ctrl + V

✗ C. Ctrl + F

✓ D. Ctrl + C

Q.39 Which of the following provisions was brought about by the Indian Councils Act of 1909?

Ans

✗ A. Elimination of Viceroy's position

✗ B. Universal voting rights for all Indians

✗ C. Establishment of the Supreme Court in India

✓ D. Introduction of separate electorates for Muslims

Q.40 In which of the following states is the Bateshwar fair held usually few days prior to DEEPAWALI for a period of almost three weeks?

Ans
- ✔ A. Uttar Pradesh
- ✘ B. Chhattisgarh
- ✘ C. Bihar
- ✘ D. Madhya Pradesh

Q.41 The 11th Schedule of the Constitution of India lists:

Ans
- ✔ A. 29 subjects for Panchayats
- ✘ B. Fundamental Duties
- ✘ C. 18 subjects for Municipalities
- ✘ D. Concurrent List subjects

Q.42 The Prime Minister of which of the following countries was conferred the 'Speaker of the Knesset Medal' by the Israeli Parliament in February 2026?

Ans
- ✘ A. Belgium
- ✘ B. Spain
- ✔ C. India
- ✘ D. Luxembourg

Q.43 The economic crisis of 1991 acted as a trigger for reforms. What was the key reason for India's 1991 economic crisis?

Ans
- ✘ A. Increase in gold reserves
- ✘ B. Oil price drop
- ✘ C. Agricultural surplus
- ✔ D. High fiscal and current account deficits

Q.44 As per the Constitution of India, the _____is a state's de jure head.

Ans
- ✘ A. Chief Minister
- ✘ B. Education Minister
- ✘ C. Chief Justice of High Court
- ✔ D. Governor

Q.45 In which case did the Supreme Court lay down the principle that Parliament cannot alter the 'basic structure' of the Indian Constitution?

Ans
- ✘ A. Shankari Prasad case
- ✘ B. Golaknath case
- ✔ C. Kesavananda Bharati case
- ✘ D. Minerva Mills case

Q.46 Which heat transfer method enables the Sun to warm Earth, despite the vast empty space between them?

Ans
- ✔ A. Radiation
- ✘ B. Conduction
- ✘ C. Insulation
- ✘ D. Convection

Q.47 Ravi Shankar is famous for his expertise in playing which classical music instrument?

Ans
- ✘ A. Tabla
- ✘ B. Sarod
- ✘ C. Flute
- ✔ D. Sitar

Q.48 The concept of Gross Enrolment Ratio belongs to the _____.

Ans
- ✗ A. banking sector
- ✗ B. transport sector
- ✓ C. education sector
- ✗ D. health sector

Q.49 Which of the following provides evidence that the Great Indian Desert was once under the sea during the Mesozoic era?

Ans
- ✗ A. Presence of black soil
- ✗ B. Volcanic ash layers
- ✓ C. Marine deposits and wood fossils
- ✗ D. Glacial deposits

Q.50 The **Gaganyaan mission** was expected to boost Safran India's revenue by ~70% in 2025, aligning with which initiative?

Ans
- ✓ A. Make in India
- ✗ B. Digital India
- ✗ C. Skilling Bharat
- ✗ D. Clean energy push

Q.51 In which year was the Pune Metro Rail Project inaugurated by the Prime Minister of India?

Ans
- ✗ A. 2020
- ✓ B. 2022
- ✗ C. 2018
- ✗ D. 2015

Q.52 What was the Worker Population Ratio (WPR) for persons aged 15+ in India in October 2025 according to the Periodic Labour Force Survey (PLFS)?

Ans
- ✗ A. 48.5 %
- ✓ B. 52.5 %
- ✗ C. 50.1 %
- ✗ D. 42.5 %

Q.53 Electrical energy can be calculated using which of the following formulas?

Ans
- ✗ A. Energy = Power ÷ Time
- ✗ B. Energy = Voltage × Current
- ✗ C. Energy = Current × Resistance
- ✓ D. Energy = Power × Time

Q.54 In December 2025, which of the following courts has declared 26 December 2025 as a holiday and advanced the commencement of its Winter Vacation to the same date?

Ans
- ✗ A. Gauhati High Court
- ✗ B. Madras High Court
- ✗ C. Allahabad High Court
- ✓ D. Delhi High Court

Q.55 Which measure formed a central part of Gandhi's non-cooperation strategy adopted at the Calcutta Session of 1920?

Ans
- ✗ A. Acceptance of legislative seats to negotiate reforms within councils.
- ✓ B. Boycott of schools, courts, and councils alongside the adoption of khadi.
- ✗ C. Participation in trade negotiations to influence imperial economic policies.
- ✗ D. Establishment of armed village guards to resist colonial recruitment.

Q.56 Kudremukh in Karnataka is famous for which mineral?

Ans
- ✗ A. Manganese
- ✗ B. Bauxite
- ✗ C. Copper
- ✓ D. Iron Ore

Q.57 Which of the following scores has India secured in the SDG Index 2025?

Ans
- ✗ A. 72.3
- ✗ B. 61.5
- ✓ C. 67.0
- ✗ D. 57.0

Q.58 The Central Administrative Tribunal (CAT) was established in which year?

Ans
- ✓ A. 1985
- ✗ B. 1990
- ✗ C. 1980
- ✗ D. 1995

Q.59 Which of the following is a depositional landform formed by wind action?

Ans
- ✗ A. Yardang
- ✓ B. Barchan
- ✗ C. Inselberg
- ✗ D. Moraine

Q.60 In the Windows Operating System, when the dedicated Power Saver plan is activated, which of the following is the primary technical mechanism the operating system employs to significantly conserve energy, consequently leading to a noticeable reduction in system responsiveness and performance?

Ans
- ✗ A. Disabling the Graphical Processing Unit (GPU) entirely and forcing all display rendering onto the CPU
- ✗ B. Aggressively flushing the cache memory every few seconds to minimize the power drawn by the CPU's fastest memory components
- ✗ C. Increasing the hard disk spin-down time to ensure the drive remains idle and consumes zero mechanical power
- ✓ D. Reducing the maximum processor state (clock speed/frequency) to cap the peak computational capacity and thermal output

Q.61 "Social, Economic and Political Justice" are borrowed from which revolution?

Ans
- ✗ A. French Revolution
- ✗ B. American Revolution
- ✓ C. Russian Revolution
- ✗ D. Glorious Revolution

Q.62 Which album brought Dr. L. Subramaniam, the celebrated Indian violinist, a Grammy Award nomination in 1981?

Ans
- ✓ A. Fantasy With Truth
- ✗ B. Music Festival of India
- ✗ C. West Meets East
- ✗ D. Eternal Melodies

Q.63 Where was the annual World Economic Forum meeting held in January 2025?

Ans
- ✗ A. Oslo, Norway
- ✗ B. Stockholm, Sweden
- ✗ C. Copenhagen, Denmark
- ✓ D. Davos-Klosters, Switzerland

Q.64 Who among the following was a ruler of the Chedi (Mahameghavahana) dynasty of Kalinga?

Ans
- ✗ A. Kanishka
- ✗ B. Pushyamitra Shunga
- ✗ C. Gautamiputra Satakarni
- ✓ D. Kharavela

Q.65 If you measure the amount of electric charge flowing in a circuit, which SI unit would you use to record the result?

Ans
- ✓ A. Coulomb
- ✗ B. Ohm
- ✗ C. Volt
- ✗ D. Ampere

Q.66 Which continent has the highest average elevation due to its thick ice sheets?

Ans
- ✗ A. Africa
- ✗ B. Europe
- ✓ C. Antarctica
- ✗ D. South America

Q.67 Which device is designed to integrate processing, memory, and input/output components into one compact unit?

Ans
- ✓ A. Microcontroller
- ✗ B. System Bus
- ✗ C. Micro Board
- ✗ D. Motherboard

Q.68 Who was appointed as the 26th Governor of the Reserve Bank of India in December 2024?

Ans
- ✗ A. Raghuram Rajan
- ✗ B. Michael Patra
- ✗ C. Poonam Gupta
- ✓ D. Sanjay Malhotra

Q.69 Which of the following Pushyabhuti rulers strengthened his position by defeating the Hunas?

Ans
- ✗ A. Rajyavardhana
- ✓ B. Prabhakarvardhana
- ✗ C. Naravardhana
- ✗ D. Harshavardhana

Q.70 Which sector in India includes activities such as cotton textile production and iron and steel manufacturing?

Ans
- ✗ A. Primary sector
- ✗ B. Tertiary sector
- ✗ C. Quaternary sector
- ✓ D. Secondary sector

Section : **General Intelligence and Reasoning**

Q.71 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

MLJ HGE CBZ XWU ?

Ans
✗ A. SQO
✓ B. SRP
✗ C. STV
✗ D. SSO

Q.72 Amrita is the sister of Bablu. Bablu is the brother of Deepak. Deepak is the son of Malti and Malti is the wife of Lakhan. Nehal is the brother of Lakhan. How is Nehal related to Amrita?

Ans
✓ A. Father's brother
✗ B. Son
✗ C. Mother's brother
✗ D. Brother

Q.73 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, 6, 217)
(21, 6, 253)

Ans
✗ A. (22, 5, 220)
✗ B. (23, 6, 276)
✗ C. (24, 6, 287)
✓ D. (23, 4, 185)

Q.74 What should come in place of the question mark (?) in the given series to make it logically complete?

Q18N O23P M28R K33T ?

Ans
✗ A. I38U
✓ B. I38V
✗ C. J36V
✗ D. J40U

Q.75 In a row of 25 students facing North, Vinayak is 13th from the right end. If Utkarsh is 4th to the left of Vinayak, what is Utkarsh's position from the left end of the row?

Ans
✗ A. 8th
✓ B. 9th
✗ C. 4th
✗ D. 6th

Q.76 In a certain code language, ‘rest restores energy’ is coded as ‘rk fj mg’ and ‘positive energy attracts’ is coded as ‘tw es fj’. How is ‘energy’ coded in the given language?

Ans
✗ A. rk
✗ B. es
✗ C. mg
✓ D. fj

Q.77 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) 8 2 6 6 3 1 8 6 4 2 2 8 4 3 4 9 9 3 7 4 6 1 6 (Right)
How many such even digits are there, each of which is immediately preceded by an even digit and also immediately followed by an odd digit?

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

Q.78 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 letter-cluster pair 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. TL - NX
- ✗ B. NF - HR
- ✗ C. JB - DN
- ✓ D. DV - PH

Q.79 Based on the English alphabetical order, three of the following four are alike in a certain way and thus form a group. Which is the one that does not belong to that group?
(Note: The odd man out is not based on the number of consonants/vowels or their position in the letter cluster.)

Ans
- ✗ A. LIH
- ✓ B. CAY
- ✗ C. YVU
- ✗ D. RON

Q.80 What should come in place of '?' in the given series?

56 57 ? 70 86 111

Ans
- ✗ A. 63
- ✓ B. 61
- ✗ C. 62
- ✗ D. 64

Q.81 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. DGI
- ✗ B. LOQ
- ✓ C. ZDE
- ✗ D. UXZ

Q.82 Refer to the following letter series and answer the question that follows.

(Left) X P S A D U G L O E J F K I M C R T Q (Right)

How many letters are there in the English alphabetical series between the letter which is fifth from the right end and third from the left end of the series?

Ans
- ✓ A. Five
- ✗ B. Six
- ✗ C. Four
- ✗ D. Seven

Q.83 Each of the digits in the number 3184657 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. One
- ✘ B. Three
- ✘ C. None
- ✘ D. Two

Q.84 In a certain code language, 'PWEA' is coded as '90' and 'QAMT' is coded as '102'. What is the code for 'LJCV' in the given code language?

Ans
- ✘ A. 91
- ✔ B. 94
- ✘ C. 86
- ✘ D. 97

Q.85 Seven people P1, P2, P3, P4, P5, P6 and P7 are sitting around a circular table facing towards the centre of the table. P5 sits to the immediate left of P6. There are exactly two people between P1 and P6 when checked from right of P6. P3 is sitting immediately between P2 and P1. P7 is sitting immediately between P4 and P5. How many people are sitting between P4 and P6 when checked from left of P6?

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

Q.86 Select the triad that follows the same pattern as the one followed by the two triads given below. Both triads follow the same pattern.

LG - OJ - QS
OJ - RM - TV

Ans
- ✘ A. ID - LG - NO
- ✘ B. JD - LG - NO
- ✘ C. JD - LH - NO
- ✔ D. ID - LG - NP

Q.87 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. Father's sister's son
- ✘ B. Wife's sister's son
- ✔ C. Wife's father's sister's son
- ✘ D. Sister's son

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

FEL 17, KIQ 21, PMV 25, UQA 29, ?

Ans
- ✘ A. YUF 32
- ✔ B. ZUF 33
- ✘ C. ZVG 33
- ✘ D. YVG 32

Q.89 Each of the digits in the number 3219854 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. ONE
- ✘ B. THREE
- ✘ C. NONE
- ✘ D. TWO

Q.90 DO 9 is related to FL -5 in a certain way. In the same way, EQ 3 is related to GN -11. To which of the following is KH 6 related, following the same logic?

Ans
- ✔ A. ME -8
- ✘ B. GY -11
- ✘ C. IE -7
- ✘ D. NI -14

Q.91 MKPT is related to QOTX in a certain way based on the English alphabetical order. In the same way, ENSU is related to IRWY.
To which of the following is DHGR related, following the same logic?

Ans
- ✔ A. HLKV
- ✘ B. HDRG
- ✘ C. FJIT
- ✘ D. QEIY

Q.92 Mr. Vasu starts from Point A and drives 25 km towards the West. He then takes a left turn, drives 15 km, turns left and drives 51 km. He then takes a left turn, drives 28 km, turns left and drives 14 km. He then takes a left turn and drives 6 km. He takes a final right turn, drives 12 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. 10 km to the East
- ✔ B. 7 km to the South
- ✘ C. 9 km to the West
- ✘ D. 8 km to the North

Q.93 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.

Statement: No Race Cars are Tractors. Some Tractors are Trains.

Conclusion I: No Race Cars are Trains.
Conclusion II: Some Race Cars are Trains.

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

Q.94 Seven people H, I, J, K, W, Y and Z are sitting around a circular table facing the centre of the table. K sits third to the left of Z. Only two people sit between J and K when counted from the right of J. Only three people sit between J and I. H sits to the immediate left of W. Who sits third to the left of Y?

Ans
- ✘ A. I
- ✘ B. H
- ✘ C. K
- ✔ D. W

Q.95 **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.**

Statement: Some Power Saws are Chisels. Some Chisels are Wrenches.

Conclusion (I): Some Power Saws are Wrenches.
Conclusion (II): No Power Saws are Wrenches.

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

Q.96 **Each of the digits in the number 8254316 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. Three
- ✘ B. None
- ✘ C. One
- ✔ D. Two

Q.97 **Six boxes, R, S, T, U, V and X, are kept one over the other, but not necessarily in the same order.**
Only one box is kept below S. Only one box is kept above U. Only one box is kept between U and V. T is kept immediately below S. R is kept at some place below X.
How many boxes are kept between X and T?

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

Q.98 **Refer to the given number series and answer the question that follows. All numbers are single-digit numbers only. Counting to be done from left to right only.**

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

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

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

Q.99 **Seven boxes, G, H, I, J, L, M and N, are kept one over the other, but not necessarily in the same order.**
Box I is kept at the third position from the top. Box N is kept at the third position from the bottom. Only three boxes are kept between N and J. Only three boxes are kept between I and H. Box M is kept at a position somewhere above L.
Which box is kept at the bottom?

Ans
- ✘ A. L
- ✔ B. H
- ✘ C. I
- ✘ D. J

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

8 ? 29 50 78 113

Ans
- ✗ A. 16
- ✓ B. 15
- ✗ C. 18
- ✗ D. 14

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