



रेलवे भर्ती बोर्ड / RAILWAY RECRUITMENT BOARD

सी0ई0एन ० ०८/२०२४ -७ वें सीपीसी वेतन मैट्रिक्स के लेवल १ में विभिन्न पदों हेतु

CEN 08/2024- Various Posts in Level 1 of 7th CPC Pay Matrix



सत्यमेव जयते

|           |                      |
|-----------|----------------------|
| Test Date | 16/12/2025           |
| Test Time | 9:00 AM - 10:30 AM   |
| Subject   | RRB Level 01 Stage 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 : General Science

|     |   |
|-----|---|
| Q.1 | Which of the following statements is NOT correct?   |
| Ans | <input checked="" type="checkbox"/> A. Reverberation helps improve clarity of sound.<br><input checked="" type="checkbox"/> B. Reverberation is common in large halls with hard walls.<br><input checked="" type="checkbox"/> C. Excessive reverberation can disturb speech.<br><input checked="" type="checkbox"/> D. Reverberation occurs due to multiple reflections of sound. |
| Q.2 | How does surface area affect the rate of evaporation?   |
| Ans | <input checked="" type="checkbox"/> A. Evaporation only occurs with liquids in closed containers<br><input checked="" type="checkbox"/> B. Larger surface area increases evaporation<br><input checked="" type="checkbox"/> C. Smaller surface area increases evaporation<br><input checked="" type="checkbox"/> D. Surface area has no effect                                    |
| Q.3 | Two resistors, $R_1$ and $R_2$ , are connected in parallel. Their equivalent resistance is $5\ \Omega$ . When one of them is removed, the resistance of the circuit increases to $10\ \Omega$ . Which of the following is the correct value of the other resistor?  |
| Ans | <input checked="" type="checkbox"/> A. $5\ \Omega$<br><input checked="" type="checkbox"/> B. $20\ \Omega$<br><input checked="" type="checkbox"/> C. $15\ \Omega$<br><input checked="" type="checkbox"/> D. $10\ \Omega$   |
| Q.4 | The discovery of which subatomic particle led to the development of Thomson's model?  |
| Ans | <input checked="" type="checkbox"/> A. Neutron<br><input checked="" type="checkbox"/> B. Proton<br><input checked="" type="checkbox"/> C. Positron<br><input checked="" type="checkbox"/> D. Electron   |
| Q.5 | Which metal is placed at the starting of the reactivity series?   |
| Ans | <input checked="" type="checkbox"/> A. Potassium<br><input checked="" type="checkbox"/> B. Aluminium<br><input checked="" type="checkbox"/> C. Gold<br><input checked="" type="checkbox"/> D. Iron  |



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| Q.6  | Which of the following statements about sexual reproduction in animals is correct?  |
| Ans  | <input checked="" type="checkbox"/> A. Sexual reproduction involves the fusion of male and female gametes.<br><input checked="" type="checkbox"/> B. All animals reproduce sexually during their entire life span.<br><input checked="" type="checkbox"/> C. Sexual reproduction involves only one parent and produces identical offspring.<br><input checked="" type="checkbox"/> D. Fertilisation in animals always occurs outside the female body. |
| Q.7  | A convex lens produces a magnification of $(-2)$ , when an object is placed at a distance $X$ cm from it. If the image distance is 40 cm, then what is the value of $X$ ?   |
| Ans  | <input checked="" type="checkbox"/> A. $-80$ cm<br><input checked="" type="checkbox"/> B. $-20$ cm<br><input checked="" type="checkbox"/> C. $+20$ cm<br><input checked="" type="checkbox"/> D. $+80$ cm  |
| Q.8  | Which of the following is NOT an example of a heterogeneous mixture?  |
| Ans  | <input checked="" type="checkbox"/> A. Sand and salt<br><input checked="" type="checkbox"/> B. Vinegar<br><input checked="" type="checkbox"/> C. Water in oil<br><input checked="" type="checkbox"/> D. Sand and sugar  |
| Q.9  | Which type of compound is formed when sodium reacts with chlorine?  |
| Ans  | <input checked="" type="checkbox"/> A. Coordinate compound<br><input checked="" type="checkbox"/> B. Covalent compound<br><input checked="" type="checkbox"/> C. Metallic compound<br><input checked="" type="checkbox"/> D. Ionic compound   |
| Q.10 | Why clove oil is used as an olfactory indicator?  |
| Ans  | <input checked="" type="checkbox"/> A. It gives a different smell in acidic and basic medium.<br><input checked="" type="checkbox"/> B. It gives a different colour in acidic and basic medium.<br><input checked="" type="checkbox"/> C. Different colour effervesces are observed in acidic and basic medium.<br><input checked="" type="checkbox"/> D. Vigorous fuming of different colours is observed in acidic and basic medium.                |
| Q.11 | The centre of curvature of a concave mirror is:   |
| Ans  | <input checked="" type="checkbox"/> A. The point where parallel rays of light meet after reflection<br><input checked="" type="checkbox"/> B. The point on the principal axis where image of an object at infinity is formed<br><input checked="" type="checkbox"/> C. The midpoint of the mirror's aperture<br><input checked="" type="checkbox"/> D. The geometric centre of the spherical surface of which the mirror is a part                    |
| Q.12 | If a current of $4\text{ A}$ flows through a resistor of $50\text{ }\Omega$ for 8 minutes, the heat produced is _____.  |
| Ans  | <input checked="" type="checkbox"/> A. $96\text{ kJ}$<br><input checked="" type="checkbox"/> B. $384\text{ kJ}$<br><input checked="" type="checkbox"/> C. $288\text{ kJ}$<br><input checked="" type="checkbox"/> D. $192\text{ kJ}$   |
| Q.13 | Which of the following is parenchyma type and present in aquatic plants, with large air cavities to help them float?  |
| Ans  | <input checked="" type="checkbox"/> A. Tracheid<br><input checked="" type="checkbox"/> B. Chlorenchyma<br><input checked="" type="checkbox"/> C. Companion cell<br><input checked="" type="checkbox"/> D. Aerenchyma  |

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| Q.14 | Ozone protects the Earth from _____ radiation of the sun.   |
| Ans  | <input checked="" type="checkbox"/> A. gamma<br><input checked="" type="checkbox"/> B. ultraviolet<br><input checked="" type="checkbox"/> C. infrared<br><input checked="" type="checkbox"/> D. cosmic  |
| Q.15 | Which of the following statements is true about ligaments?  |
| Ans  | <input checked="" type="checkbox"/> A. Ligaments do not connect bones to bones and are very elastic.<br><input checked="" type="checkbox"/> B. Ligaments are not highly flexible connective tissues connecting two bones.<br><input checked="" type="checkbox"/> C. Ligaments connect muscles to bones and are highly flexible.<br><input checked="" type="checkbox"/> D. Ligaments connect bones to bones and are very elastic with little matrix.   |
| Q.16 | The correct order of reactivity of the following metals is:<br><br>K, Mg, Al, Zn  |
| Ans  | <input checked="" type="checkbox"/> A. K > Al > Mg > Zn<br><input checked="" type="checkbox"/> B. Mg > K > Zn > Al<br><input checked="" type="checkbox"/> C. K > Mg > Al > Zn<br><input checked="" type="checkbox"/> D. Zn > Mg > Al > K  |
| Q.17 | Which of the following instruments is NOT based on Archimedes' principle?   |
| Ans  | <input checked="" type="checkbox"/> A. Lactometer<br><input checked="" type="checkbox"/> B. Ammeter<br><input checked="" type="checkbox"/> C. Submarine<br><input checked="" type="checkbox"/> D. Hydrometer  |
| Q.18 | From the collected samples of the following solutions from the science laboratory, the correct acid-base pair may be categorised as:  |
| Ans  | <input checked="" type="checkbox"/> A. calcium hydroxide $[\text{Ca}(\text{OH})_2]$ and potassium hydroxide (KOH)<br><input checked="" type="checkbox"/> B. magnesium hydroxide $[\text{Mg}(\text{OH})_2]$ and ammonium hydroxide ( $\text{NH}_4\text{OH}$ )<br><input checked="" type="checkbox"/> C. acetic acid ( $\text{CH}_3\text{COOH}$ ) and sodium hydroxide (NaOH)<br><input checked="" type="checkbox"/> D. sulphuric acid ( $\text{H}_2\text{SO}_4$ ) and nitric acid ( $\text{HNO}_3$ ) |
| Q.19 | Contraceptive devices such as the loop or the copper-T are placed in which part of the human body?  |
| Ans  | <input checked="" type="checkbox"/> A. Uterus<br><input checked="" type="checkbox"/> B. Heart<br><input checked="" type="checkbox"/> C. Ovary<br><input checked="" type="checkbox"/> D. Kidney  |
| Q.20 | Which of the following is NOT a membrane bound organelle in eukaryotic cells?   |
| Ans  | <input checked="" type="checkbox"/> A. Chromoplast<br><input checked="" type="checkbox"/> B. Vacuole<br><input checked="" type="checkbox"/> C. Lysosome<br><input checked="" type="checkbox"/> D. Ribosome  |

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| Q.21                  | If the velocity of an object changes from an initial value $u$ to the final value $v$ in time ( $t$ ), then what will be the acceleration ( $a$ )?  |
| Ans                   | <input checked="" type="checkbox"/> A. $a = (v - u)/t$<br><input checked="" type="checkbox"/> B. $a = (v - u)t$<br><input checked="" type="checkbox"/> C. $a = t/(v - u)$<br><input checked="" type="checkbox"/> D. $a = v/(u - t)$   |
| Q.22                  | In a running race, a boy starts at rest and reaches 60 m/s velocity in 5 min. If acceleration is uniform, the acceleration and distance covered by the boy during this period are _____ and _____, respectively.  |
| Ans                   | <input checked="" type="checkbox"/> A. 12 m/s <sup>2</sup> and 9000 m<br><input checked="" type="checkbox"/> B. 0.2 m/s <sup>2</sup> and 600 m<br><input checked="" type="checkbox"/> C. 0.2 m/s <sup>2</sup> and 9 km<br><input checked="" type="checkbox"/> D. 20 m/s <sup>2</sup> and 9 km |
| Q.23                  | If the speed of an object is doubled, its kinetic energy _____.   |
| Ans                   | <input checked="" type="checkbox"/> A. becomes four times<br><input checked="" type="checkbox"/> B. remains the same<br><input checked="" type="checkbox"/> C. becomes double<br><input checked="" type="checkbox"/> D. becomes half  |
| Q.24                  | During inheritance studies, how many copies of the factor was proposed by Mendel, which was controlling traits present in sexually reproducing organisms?   |
| Ans                   | <input checked="" type="checkbox"/> A. Two<br><input checked="" type="checkbox"/> B. One<br><input checked="" type="checkbox"/> C. Three<br><input checked="" type="checkbox"/> D. Four   |
| Q.25                  | Which of the following cells change shape by changing the amount of water in them?  |
| Ans                   | <input checked="" type="checkbox"/> A. Plant cell<br><input checked="" type="checkbox"/> B. Cardiac muscle cell<br><input checked="" type="checkbox"/> C. Striated muscle cell<br><input checked="" type="checkbox"/> D. Smooth muscle cell   |
| Section : Mathematics |   |
| Q.26                  | A dealer marks his goods at 50% above the cost price and allows a discount of 52% on the marked price. What is his loss percentage?   |
| Ans                   | <input checked="" type="checkbox"/> A. 28%<br><input checked="" type="checkbox"/> B. 27%<br><input checked="" type="checkbox"/> C. 26%<br><input checked="" type="checkbox"/> D. 29%  |
| Q.27                  | The mother of two sons is 20 years older than her elder son. Five years from now, the elder son will be twice as old as the younger son, and the ratio of their current ages is 3 : 1. What is the current age (in years) of the mother?  |
| Ans                   | <input checked="" type="checkbox"/> A. 40<br><input checked="" type="checkbox"/> B. 25<br><input checked="" type="checkbox"/> C. 35<br><input checked="" type="checkbox"/> D. 30  |

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| Q.28 | The price of fuel decreases by 35%, 60% and 10% in three successive months but increases by 65% in the fourth month. What is the percentage increase/decrease in the price of fuel in the fourth month as compared to its original price? |
| Ans  | <input checked="" type="checkbox"/> A. Increases by 63.54%  |
|      | <input checked="" type="checkbox"/> B. Decreases by 61.39%  |
|      | <input checked="" type="checkbox"/> C. Decreases by 60.08%  |
|      | <input checked="" type="checkbox"/> D. Increases by 67.46%  |
| Q.29 | A byke travels 80 km at the speed of 40 km/hr and the next 30 km at the speed of 10 km/hr. What is its average speed (in km/hr)?  |
| Ans  | <input checked="" type="checkbox"/> A. 28   |
|      | <input checked="" type="checkbox"/> B. 16   |
|      | <input checked="" type="checkbox"/> C. 26   |
|      | <input checked="" type="checkbox"/> D. 22   |
| Q.30 | If 20% of a number is added to 96, then the result is the same number. 80% of the same number is:   |
| Ans  | <input checked="" type="checkbox"/> A. 96   |
|      | <input checked="" type="checkbox"/> B. 116  |
|      | <input checked="" type="checkbox"/> C. 126  |
|      | <input checked="" type="checkbox"/> D. 106  |
| Q.31 | A set of data is given, the mean of the set is 40 while the median is set as 70. Find the mode of the data.   |
| Ans  | <input checked="" type="checkbox"/> A. 140  |
|      | <input checked="" type="checkbox"/> B. 130  |
|      | <input checked="" type="checkbox"/> C. 120  |
|      | <input checked="" type="checkbox"/> D. 110  |
| Q.32 | The radius of a road roller is 1 m, and its length is $\frac{21}{22}$ m. When it is rolled on the ground, it takes 600 rolls to level the entire ground.  |
|      | However, it was found that on 10% of the ground, the roller rolled twice. What is the total area (in sq.m) of the ground?   |
|      | $\left( \text{Use } \pi = \frac{22}{7}, \text{ and round off your answer to two decimal places} \right)$  |
| Ans  | <input checked="" type="checkbox"/> A. 3287.43  |
|      | <input checked="" type="checkbox"/> B. 3272.73  |
|      | <input checked="" type="checkbox"/> C. 3200.75  |
|      | <input checked="" type="checkbox"/> D. 3460.25  |
| Q.33 | Zubeda's income is ₹1,20,000. She spends 20% on accommodation, 35% on household expenses, and 25% on other activities. She saves the remaining amount. What are her total savings?  |
| Ans  | <input checked="" type="checkbox"/> A. ₹26,000  |
|      | <input checked="" type="checkbox"/> B. ₹29,000  |
|      | <input checked="" type="checkbox"/> C. ₹24,000  |
|      | <input checked="" type="checkbox"/> D. ₹30,000  |
| Q.34 | ₹3,596 is to be divided among three persons M, N and T. If the shares of M and N are in the ratio 6 : 8 and that of N and T are in the ratio 9 : 6, what is the share (in ₹) of N?  |
| Ans  | <input checked="" type="checkbox"/> A. 1,486  |
|      | <input checked="" type="checkbox"/> B. 1,487  |
|      | <input checked="" type="checkbox"/> C. 1,489  |
|      | <input checked="" type="checkbox"/> D. 1,488  |

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| Q.35 | <p>Simplify <math>\frac{(64x^2 - 49)}{8x - 7} - 8x</math>.</p>  |
| Ans  | <input checked="" type="checkbox"/> A. $16x + 7$<br><input checked="" type="checkbox"/> B. $-16x$<br><input checked="" type="checkbox"/> C. $8x + 7$<br><input checked="" type="checkbox"/> D. 7  |
| Q.36 | <p>Two banks, A and B, offered loans at 3.5% and 7.5% per annum, respectively. Nirmal borrowed an amount of ₹2,40,000 from each bank. Find the positive difference (in ₹) between the amounts of simple interest paid to the two banks by Nirmal after 2 years.</p> |
| Ans  | <input checked="" type="checkbox"/> A. 18,700<br><input checked="" type="checkbox"/> B. 19,200<br><input checked="" type="checkbox"/> C. 20,700<br><input checked="" type="checkbox"/> D. 20,200  |
| Q.37 | <p>Find the smallest number to be added to 1000 so that 45 divides the sum exactly.</p>   |
| Ans  | <input checked="" type="checkbox"/> A. 25<br><input checked="" type="checkbox"/> B. 10<br><input checked="" type="checkbox"/> C. 35<br><input checked="" type="checkbox"/> D. 30  |
| Q.38 | <p>Which of the following ratios is equivalent to 5 : 3?</p>  |
| Ans  | <input checked="" type="checkbox"/> A. 53 : 31<br><input checked="" type="checkbox"/> B. 125 : 85<br><input checked="" type="checkbox"/> C. 48 : 33<br><input checked="" type="checkbox"/> D. 50 : 30   |
| Q.39 | <p>A shopkeeper buys a toy for ₹200 and sells it for ₹280. What is his profit percentage?</p>   |
| Ans  | <input checked="" type="checkbox"/> A. 40%<br><input checked="" type="checkbox"/> B. 30%<br><input checked="" type="checkbox"/> C. 45%<br><input checked="" type="checkbox"/> D. 35%  |
| Q.40 | <p>One pipe can fill a tank in 8 minutes, while another pipe can empty the completely filled tank in 16 minutes. If both the pipes are opened together when the tank is empty, how many minutes will it take to fill one-half of the tank?</p>                      |
| Ans  | <input checked="" type="checkbox"/> A. 9<br><input checked="" type="checkbox"/> B. 17<br><input checked="" type="checkbox"/> C. 8<br><input checked="" type="checkbox"/> D. 16  |
| Q.41 | <p>A hole can empty a full tank in 1 hour. To maintain the level of water in the tank, 3 filling pipes of equal efficiency are required. How many more such filling pipes are required so that an empty tank gets filled in 3 hours?</p>                            |
| Ans  | <input checked="" type="checkbox"/> A. 2<br><input checked="" type="checkbox"/> B. 0<br><input checked="" type="checkbox"/> C. 1<br><input checked="" type="checkbox"/> D. 3  |

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| Q.42 | Two trains, 163 m and 117 m long, are moving in the same direction at speeds of 93 km/hr and 33 km/hr, respectively. How much time will the faster train take to completely cross the slower one?                |
| Ans  | <input checked="" type="checkbox"/> A. 8 seconds<br><input checked="" type="checkbox"/> B. 18 seconds<br><input checked="" type="checkbox"/> C. 15 seconds<br><input checked="" type="checkbox"/> D. 16.8 second |
| Q.43 | The simplified value of the expression $[(18 + 6) \div 3 \times 2 - 4] \times [5 + 3^2] - 2 \times (8 - 3)$ is:  |
| Ans  | <input checked="" type="checkbox"/> A. 152<br><input checked="" type="checkbox"/> B. 148<br><input checked="" type="checkbox"/> C. 158<br><input checked="" type="checkbox"/> D. 162                             |
| Q.44 | A solid wooden cuboid of dimensions 60 cm $\times$ 45 cm $\times$ 30 cm is cut completely into smaller cubes of side 5 cm each. Find the number of smaller cubes formed.   |
| Ans  | <input checked="" type="checkbox"/> A. 584<br><input checked="" type="checkbox"/> B. 622<br><input checked="" type="checkbox"/> C. 920<br><input checked="" type="checkbox"/> D. 648                             |
| Q.45 | The arithmetic mean of the observations 35, 26, 56, 41, 56, 46, 34, 16 and 68 is:  |
| Ans  | <input checked="" type="checkbox"/> A. 43<br><input checked="" type="checkbox"/> B. 39<br><input checked="" type="checkbox"/> C. 42<br><input checked="" type="checkbox"/> D. 50                                 |
| Q.46 | P is any point inside the rectangle ABCD. If PA = 87 cm, PB = 12 cm and PC = 96 cm, then the length of PD (in cm) is equal to:   |
| Ans  | <input checked="" type="checkbox"/> A. 124<br><input checked="" type="checkbox"/> B. 126<br><input checked="" type="checkbox"/> C. 129<br><input checked="" type="checkbox"/> D. 130                             |
| Q.47 | The cost price of a box of marker is ₹3,300. The shopkeeper gives 75% of discount on the cost price. What will be the selling price (in ₹)?  |
| Ans  | <input checked="" type="checkbox"/> A. 883<br><input checked="" type="checkbox"/> B. 812<br><input checked="" type="checkbox"/> C. 825<br><input checked="" type="checkbox"/> D. 865                             |
| Q.48 | The value of $\frac{((0.66)^3 - (0.22)^3)}{((0.66)^2 + 0.1452 + (0.22)^2)}$ is:  |
| Ans  | <input checked="" type="checkbox"/> A. 100<br><input checked="" type="checkbox"/> B. 1<br><input checked="" type="checkbox"/> C. 0.44<br><input checked="" type="checkbox"/> D. 10                               |

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| Q.49 | 2 pens and 3 pencils cost ₹35, and 3 pens and 2 pencils cost ₹40. Find the cost of 3 pencils.  |
| Ans  | <input checked="" type="checkbox"/> A. ₹30<br><input checked="" type="checkbox"/> B. ₹12<br><input checked="" type="checkbox"/> C. ₹18<br><input checked="" type="checkbox"/> D. ₹15         |
| Q.50 | If $\text{cosec}A = \frac{5}{4}$ , then the value of $\sin 2A + 2\cos 2A$ is:  |
| Ans  | <input checked="" type="checkbox"/> A. $7/5$<br><input checked="" type="checkbox"/> B. $2/5$<br><input checked="" type="checkbox"/> C. $9/5$<br><input checked="" type="checkbox"/> D. $4/5$ |

### Section : General Intelligence and Reasoning

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| Q.51 | If 'E' stands for '+', 'F' stands for '−', 'G' stands for '×' and 'H' stands for '÷', what will come in place of question mark '?' in the following equation?<br><br>50 E 36 H 6 F 8 G 2 = ?   |
| Ans  | <input checked="" type="checkbox"/> A. 44<br><input checked="" type="checkbox"/> B. 40<br><input checked="" type="checkbox"/> C. 42<br><input checked="" type="checkbox"/> D. 38   |
| Q.52 | What should come in place of the question mark (?) in the given series based on the English alphabetical order?<br><br>QCW, SDU, UES, WFQ, ?   |
| Ans  | <input checked="" type="checkbox"/> A. XGP<br><input checked="" type="checkbox"/> B. YHP<br><input checked="" type="checkbox"/> C. XHO<br><input checked="" type="checkbox"/> D. YGO   |
| Q.53 | <p>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.</p> <p><b>Statements:</b><br/>All teas are golds.<br/>No tea is a helmet.</p> <p><b>Conclusions:</b><br/>(I): Some helmets are golds.<br/>(II): All golds are helmets.</p> |
| Ans  | <input checked="" type="checkbox"/> A. Neither conclusion (I) nor (II) follows<br><input checked="" type="checkbox"/> B. Only conclusion (I) follows<br><input checked="" type="checkbox"/> C. Only conclusion (II) follows<br><input checked="" type="checkbox"/> D. Both conclusions (I) and (II) follow   |

**Q.54** Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

**Statements:**

All hammers are jacks.  
All hammers are metals.

**Conclusions:**

(I) Some jacks are metals.  
(II) All metals are hammers.

**Ans**  A. Only conclusion (II) follows.

B. Only conclusion (I) follows.

C. Neither conclusion (I) nor (II) follows.

D. Both conclusions (I) and (II) follow.

**Q.55** Town P is to the west of Town Q. Town R is to the north of Town P. Town S is to the east of Town R. Town T is to the south of Town S. Town Q is to the southeast of Town T. What is the position of Town P with respect to Town T?

**Ans**  A. Southeast

B. Northwest

C. Southwest

D. Northeast

**Q.56** WPGB is related to AKKW in a certain way based on the English alphabetical order. In the same way, MVWH is related to QQAC. To which of the following options is YGIS related, following the same logic?

**Ans**  A. CBMN

B. CNJI

C. CBMJ

D. CBNJ

**Q.57** 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?

441 D 444 C 21 A 21 B 441 = ?

**Ans**  A. 525

B. 450

C. 665

D. 438

**Q.58** Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

CER121, IKX98, OQD75, UWJ52, ?

**Ans**  A. BCP29

B. ACP29

C. ADP29

D. ACQ29

**Q.59** 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 to/subtracting from/multiplying with 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(5, 28, 15)  
 (29, 102, 17)

**Ans**

- A. (4, 20, 5)
- B. (7, 34, 10)
- C. (37, 115, 1)
- D. (47, 142, 3)

**Q.60** Seven boxes M, N, O, P, Q, R and S are kept one over the other but not necessarily in the same order. Only two boxes are kept between M and O. Only N is kept above S. No box is kept below O. R is kept at some place below P but at some place above Q. Which box is kept third above Q?

**Ans**

- A. S
- B. N
- C. P
- D. M

**Q.61** All 20 students in a class are standing in a row facing north. Raveena is 10<sup>th</sup> from the right end while Deepa is 4<sup>th</sup> from the left end. How many people stand between Raveena and Deepa?

**Ans**

- A. 5
- B. 8
- C. 7
- D. 6

**Q.62** A group of numbers/symbols is coded using letter codes as per the codes given below and the conditions that follow. The correct combination of codes following the conditions is your answer.

Note: If none of the conditions apply, then the codes for the respective number/symbol are to be followed directly as given in the table.

|                 |   |   |   |   |   |   |   |   |   |   |    |   |   |   |
|-----------------|---|---|---|---|---|---|---|---|---|---|----|---|---|---|
| Numbers/symbols | % | 6 | 2 | 8 | * | 3 | & | 7 | @ | 9 | \$ | 5 | + | 4 |
| Codes           | U | G | W | D | F | K | L | S | V | B | E  | J | H | C |

Conditions:

- (i) If the first element is a symbol and the last element a perfect square, the codes for these two (the first and last elements) are to be interchanged.
- (ii) If both the second and third elements are symbols, the third element is to be coded as the code for the second element.
- (iii) If the first element is a symbol and the fourth element is an odd number, the first and fourth elements are to be coded as ©.

What will be the code for the following group?

% 5 \* 7 \$

**Ans**

- A. © J F © E
- B. © J F S ©
- C. E J F S U
- D. U J J S E

|      |  |  |
|------|--|--|
| Q.63 | <p>If 'A' stands for '÷', 'B' stands for '×', 'C' stands for '+' and 'D' stands for '−', what will come in place of the question mark (?) in the following equation?</p> <p>36 B 39 A 39 D 48 C 20 = ?</p>   |  |
| Ans  | <p><input checked="" type="checkbox"/> A. 7<br/> <input checked="" type="checkbox"/> B. 10<br/> <input checked="" type="checkbox"/> C. 9<br/> <input checked="" type="checkbox"/> D. 8</p>   |  |
| Q.64 | <p>Seven people B, C, D, I, J, K, and L are sitting around a circular table facing the centre of the table. L sits third to the left of I. Only one person sits between K and B, when counted from the left of B. C sits third to the right of D. C sits to the immediate right of L. J is not an immediate neighbour of L. How many people sit between J and B, when counted from the right of J?</p>               |  |
| Ans  | <p><input checked="" type="checkbox"/> A. Three<br/> <input checked="" type="checkbox"/> B. Two<br/> <input checked="" type="checkbox"/> C. One<br/> <input checked="" type="checkbox"/> D. Four</p>   |  |
| Q.65 | <p>Refer to the following series and answer the question (all numbers are single digit numbers only). Counting to be done from Left to Right only.</p> <p>(Left) 5 8 7 7 6 3 5 4 8 8 6 2 5 9 2 7 2 4 4 9 9 (Right)</p> <p>How many such odd digits are there each of which is immediately preceded by a perfect square and also immediately followed by an odd digit?</p>  |  |
| Ans  | <p><input checked="" type="checkbox"/> A. Three<br/> <input checked="" type="checkbox"/> B. One<br/> <input checked="" type="checkbox"/> C. Two<br/> <input checked="" type="checkbox"/> D. Four</p>   |  |
| Q.66 | <p>Refer to the following number and symbol series and answer the question that follows (all numbers are single-digit numbers only). Counting to be done from left to right only.</p> <p>(Left) 1 5 7 8 = 6 9 2 + 5 7 3 % 7 8 \$ 4 1 5 # 8 @ &amp; 4 9 6 (Right)</p> <p>How many such symbols are there, each of which is immediately preceded by an odd number and also immediately followed by an even number?</p> |  |
| Ans  | <p><input checked="" type="checkbox"/> A. Four<br/> <input checked="" type="checkbox"/> B. Two<br/> <input checked="" type="checkbox"/> C. Three<br/> <input checked="" type="checkbox"/> D. One</p>   |  |
| Q.67 | <p>Refer to the following number, symbol series and answer the question. Counting to be done from left to right only. All numbers are single-digit numbers.</p> <p>(Left) 3 &amp; 6 © 3 6 © € % 6 &amp; 4 9 5 4 % € € \$ % 9 1 (Right)</p> <p>How many such numbers are there each of which is immediately preceded by a symbol and also immediately followed by a symbol?</p>                                       |  |
| Ans  | <p><input checked="" type="checkbox"/> A. 3<br/> <input checked="" type="checkbox"/> B. 4<br/> <input checked="" type="checkbox"/> C. 2<br/> <input checked="" type="checkbox"/> D. 1</p>  |  |

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| Q.68 | <p>What should come in place of the question mark (?) in the given series?</p> <p>221 223 227 233 241 ?</p>   |
| Ans  | <input checked="" type="checkbox"/> A. 253<br><input checked="" type="checkbox"/> B. 255<br><input checked="" type="checkbox"/> C. 249<br><input checked="" type="checkbox"/> D. 251  |
| Q.69 | <p>What should come in place of the question mark (?) in the given series?</p> <p>88 91 97 106 118 ?</p>  |
| Ans  | <input checked="" type="checkbox"/> A. 133<br><input checked="" type="checkbox"/> B. 135<br><input checked="" type="checkbox"/> C. 131<br><input checked="" type="checkbox"/> D. 125  |
| Q.70 | <p>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.</p> <p>SINK - ISNK - KISN<br/>PLAY - LPAY - YLPA</p>  |
| Ans  | <input checked="" type="checkbox"/> A. WAIT - WIAT - TIAW<br><input checked="" type="checkbox"/> B. NAME - ANME - EAMN<br><input checked="" type="checkbox"/> C. READ - ERAD - DERA<br><input checked="" type="checkbox"/> D. YOUR - OYUR - OURY  |
| Q.71 | <p>Seven people, A, B, C, D, E, F and G, are sitting in a row, facing the north. Only two people sit to the left of A. Only three people sit between A and G. D sits second to the right of A. Only two people sit between D and C. E sits at some place to the right of F but at some place to the left of B. How many people sit to the right of C?</p> |
| Ans  | <input checked="" type="checkbox"/> A. 2<br><input checked="" type="checkbox"/> B. 4<br><input checked="" type="checkbox"/> C. 3<br><input checked="" type="checkbox"/> D. 5  |
| Q.72 | <p>In a certain code language,</p> <p>P + Q means 'P is the mother of Q',<br/>   P # Q means 'P is the sister of Q',<br/>   P &amp; Q means 'P is the brother of Q' and<br/>   P % Q means 'P is the father of Q'.</p> <p>How is D related to W if 'D &amp; E # F % L &amp; W'?</p>   |
| Ans  | <input checked="" type="checkbox"/> A. Father's brother<br><input checked="" type="checkbox"/> B. Mother's father<br><input checked="" type="checkbox"/> C. Mother's brother<br><input checked="" type="checkbox"/> D. Father's mother  |
| Q.73 | <p>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?</p> <p>(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)</p>                       |
| Ans  | <input checked="" type="checkbox"/> A. KP - ML<br><input checked="" type="checkbox"/> B. DM - FI<br><input checked="" type="checkbox"/> C. LS - JO<br><input checked="" type="checkbox"/> D. RJ - TF  |

**Q.74** 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. IL - FI  
 B. OR - LO  
 C. QT - NP  
 D. MP - JM

**Q.75** Six people, A, B, C, D, E and F, are sitting in a row, facing north. Only two people sit to the left of E. Only one person sits between A and C. F sits to the immediate left of E. A sits to the immediate right of D. C sits third to the right of B.  
Who sits at the extreme left end of the row?

Ans  A. D  
 B. C  
 C. E  
 D. B

**Q.76** In a certain code language, 'shirt mug care' is coded as 'eu cp zi' and 'zebra shirt ghost' is coded as 'cp eb il'. How is 'shirt' coded in the given language?

Ans  A. cp  
 B. eu  
 C. eb  
 D. zi

**Q.77** Refer to the given series and answer the question that follows (all numbers are single digit numbers only). Counting to be done from left to right only.

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

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

Ans  A. 2  
 B. 1  
 C. 3  
 D. 4

**Q.78** Aditya starts from Point A and drives 10 km towards the north. He then takes a right turn, drives 10 km, turns right and drives 20 km. He then takes a right turn and drives 10 km. He takes a final right turn, drives 3 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. 3 km towards west  
 B. 9 km towards south  
 C. 7 km towards east  
 D. 7 km towards north

**Q.79** What should come in place of the question mark (?) in the given series?

273 274 266 267 259 260 ?

Ans  A. 253  
 B. 252  
 C. 251  
 D. 250

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| Q.80 | VK 12 is related to ZP 16 in a certain way. In the same way, RG 15 is related to VL 19. To which of the following is MB 24 related, following the same logic?                                |
| Ans  | <input checked="" type="checkbox"/> A. QG 28<br><input checked="" type="checkbox"/> B. PJ 28<br><input checked="" type="checkbox"/> C. SG 29<br><input checked="" type="checkbox"/> D. PH 29 |
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### Section : General Awareness and Current Affairs

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| Q.81 | The 10 <sup>th</sup> Governing Council Meeting of NITI Aayog on 24 May 2025 was held in which city of India?  |
| Ans  | <input checked="" type="checkbox"/> A. Jaipur<br><input checked="" type="checkbox"/> B. Mumbai<br><input checked="" type="checkbox"/> C. Surat<br><input checked="" type="checkbox"/> D. New Delhi  |
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| Q.82 | What is the name of India's proposed space station?   |
| Ans  | <input checked="" type="checkbox"/> A. Vyom Station<br><input checked="" type="checkbox"/> B. Bharatiya Antarksh Station<br><input checked="" type="checkbox"/> C. Indian Orbital Base Station<br><input checked="" type="checkbox"/> D. ISRO Sky Lab Station   |
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| Q.83 | In 2025, which ministry of the Government of India organised Swachh Vayu Sarvekshan for ranking air quality in Indian cities?   |
| Ans  | <input checked="" type="checkbox"/> A. Ministry of Home Affairs<br><input checked="" type="checkbox"/> B. Ministry of Finance<br><input checked="" type="checkbox"/> C. Ministry of Environment<br><input checked="" type="checkbox"/> D. Ministry of Education |
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| Q.84 | What is the new upper limit for no personal income tax payable under the new tax regime as per Union Budget 2025–26?  |
| Ans  | <input checked="" type="checkbox"/> A. ₹11 lakh<br><input checked="" type="checkbox"/> B. ₹13 lakh<br><input checked="" type="checkbox"/> C. ₹12 lakh<br><input checked="" type="checkbox"/> D. ₹10 lakh  |
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| Q.85 | Which Paralympic swimmer won a Laureus award in 2025 for disability sport?  |
| Ans  | <input checked="" type="checkbox"/> A. Anna Grimaldi<br><input checked="" type="checkbox"/> B. Chloe Kim<br><input checked="" type="checkbox"/> C. Jiang Yuyan<br><input checked="" type="checkbox"/> D. Yuto Horigome  |
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| Q.86 | What was the name of the new Indian Army Research Cell inaugurated at IIT Madras in August 2025?  |
| Ans  | <input checked="" type="checkbox"/> A. Agnishodh<br><input checked="" type="checkbox"/> B. Agnivira<br><input checked="" type="checkbox"/> C. Agni Kavach<br><input checked="" type="checkbox"/> D. Agnipath  |
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| Q.87 | In which city were the Khelo India Para Games 2025, a significant event under the Khelo India scheme, held?   |
| Ans  | <input checked="" type="checkbox"/> A. New Delhi<br><input checked="" type="checkbox"/> B. Kolkata<br><input checked="" type="checkbox"/> C. Mumbai<br><input checked="" type="checkbox"/> D. Chennai   |
| Q.88 | On which date was World Malaria Day 2025 observed with the theme Malaria Ends with Us: Reinvest, Reimagine, Reignite?   |
| Ans  | <input checked="" type="checkbox"/> A. May 5<br><input checked="" type="checkbox"/> B. April 25<br><input checked="" type="checkbox"/> C. April 10<br><input checked="" type="checkbox"/> D. March 22   |
| Q.89 | Which of the following has been declared a Tiger Reserve in 2025?   |
| Ans  | <input checked="" type="checkbox"/> A. Parambikulam Tiger Reserve<br><input checked="" type="checkbox"/> B. Ranipur Tiger Reserve<br><input checked="" type="checkbox"/> C. Madhav Tiger Reserve<br><input checked="" type="checkbox"/> D. Dholpur – Karauli Tiger Reserve              |
| Q.90 | Which Indian Navy ships took part in Operation Brahma in March 2025?  |
| Ans  | <input checked="" type="checkbox"/> A. INS Vikramaditya and INS Vishal<br><input checked="" type="checkbox"/> B. INS Vikrant and INS Arihant<br><input checked="" type="checkbox"/> C. INS Chennai and INS Kesari<br><input checked="" type="checkbox"/> D. INS Satpura and INS Savitri |
| Q.91 | Who set a new world record by becoming the first man to cross 75 metres in discus throw at the World Athletics Continental Tour in Ramona, April 2025?  |
| Ans  | <input checked="" type="checkbox"/> A. Kristjan Čeh<br><input checked="" type="checkbox"/> B. Gerd Kanter<br><input checked="" type="checkbox"/> C. Mykolas Alekna<br><input checked="" type="checkbox"/> D. Robert Harting   |
| Q.92 | With which government did the Ministry of Environment, Forest and Climate Change sign a Memorandum of Cooperation on Joint Crediting Mechanism (JCM) under Article 6.2 of the Paris Agreement on Climate Change, in August 2025?  |
| Ans  | <input checked="" type="checkbox"/> A. Japan<br><input checked="" type="checkbox"/> B. Germany<br><input checked="" type="checkbox"/> C. Belgium<br><input checked="" type="checkbox"/> D. Brazil   |
| Q.93 | As of July 2025, what was the total quantity of narcotics seized in Jammu & Kashmir since 2018, under the Narcotic Drugs and Psychotropic Substances Act (NDPSA)?   |
| Ans  | <input checked="" type="checkbox"/> A. 19,353 kg<br><input checked="" type="checkbox"/> B. 1,12,000 kg<br><input checked="" type="checkbox"/> C. 87,713 kg<br><input checked="" type="checkbox"/> D. 27,000 kg  |

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| Q.94  | As per the Economic Survey 2024–25, which scheme electrified over 18,000 villages in rural India?  |
| Ans   | <input checked="" type="checkbox"/> A. Deen Dayal Upadhyaya Gram Jyoti Yojana (DDUGJY)<br><input checked="" type="checkbox"/> B. Ujwal Discom Assurance Yojana (UDAY)<br><input checked="" type="checkbox"/> C. Pradhan Mantri Nayi Roshni Yojana (PMNRY)<br><input checked="" type="checkbox"/> D. Unnat Jyoti by Affordable LEDs for All (UJALA) |
| Q.95  | In 2025, why did National Bank for Agriculture and Rural Development (NABARD) and Indian Council of Agricultural Research (ICAR) sign an agreement?  |
| Ans   | <input checked="" type="checkbox"/> A. To train people for emergencies<br><input checked="" type="checkbox"/> B. To study city temperatures<br><input checked="" type="checkbox"/> C. To launch online banking websites<br><input checked="" type="checkbox"/> D. To improve farming that can handle climate change                                |
| Q.96  | Who among the following was awarded the Arjuna Award in 2025 for their performance in para-athletics?  |
| Ans   | <input checked="" type="checkbox"/> A. Deepthi Jeevanji<br><input checked="" type="checkbox"/> B. Harmanpreet Singh<br><input checked="" type="checkbox"/> C. Manu Bhaker<br><input checked="" type="checkbox"/> D. Gukesh D   |
| Q.97  | The Indian Navy's home-built Shivalik-class stealth frigate equipped with guided missiles that took part in the JAIMEX-25 naval exercise held from 16 to 18 October 2025 was _____.  |
| Ans   | <input checked="" type="checkbox"/> A. INS Sahyadri<br><input checked="" type="checkbox"/> B. INS Shivalik<br><input checked="" type="checkbox"/> C. INS Satpura<br><input checked="" type="checkbox"/> D. INS Kolkata   |
| Q.98  | In June 2025, with which of the following countries did Kolkata-based Garden Reach Shipbuilders and Engineers Limited (GRSE) sign an MoU to build the India's first ever Polar Research Vessel (PRV) indigenously?   |
| Ans   | <input checked="" type="checkbox"/> A. Austria<br><input checked="" type="checkbox"/> B. Belgium<br><input checked="" type="checkbox"/> C. Malta<br><input checked="" type="checkbox"/> D. Norway  |
| Q.99  | Which of the following two countries hosted the Second G20 Anti-Corruption Working Group in June 2025?   |
| Ans   | <input checked="" type="checkbox"/> A. Indonesia and Brazil<br><input checked="" type="checkbox"/> B. Brazil and South Africa<br><input checked="" type="checkbox"/> C. India and South Africa<br><input checked="" type="checkbox"/> D. South Africa and Germany  |
| Q.100 | In 2025, which of the following new mottos was adopted by the Lokpal of India?   |
| Ans   | <input checked="" type="checkbox"/> A. Transparency for All<br><input checked="" type="checkbox"/> B. Empower Citizens, Expose Corruption<br><input checked="" type="checkbox"/> C. Fight Corruption, Build Nation<br><input checked="" type="checkbox"/> D. Integrity is Strength   |