



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	29/12/2025
Test Time	12:45 PM - 2:15 PM
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 represents non-uniform linear velocity?
Ans	<input checked="" type="checkbox"/> A. A body moving in a straight line at fixed speed <input checked="" type="checkbox"/> B. A car moving at constant speed <input checked="" type="checkbox"/> C. A train starting from rest <input checked="" type="checkbox"/> D. A ball rolling at uniform rate
Q.2	Which of the following is a key feature of offsprings produced through vegetative propagation?
Ans	<input checked="" type="checkbox"/> A. They are genetically identical to the parent plant. <input checked="" type="checkbox"/> B. They are genetically diverse from the parent plant. <input checked="" type="checkbox"/> C. They always grow slower than seed-grown plants. <input checked="" type="checkbox"/> D. They require fertilisation to develop.
Q.3	What is the IUPAC rule for writing element symbols?
Ans	<input checked="" type="checkbox"/> A. Two lowercase letters always used (in case of two letters) <input checked="" type="checkbox"/> B. First letter uppercase, second lowercase (in case of two letters) <input checked="" type="checkbox"/> C. Symbols written in numeric codes <input checked="" type="checkbox"/> D. Both letters always in uppercase form (in case of two letters)
Q.4	Which of the following statements best describes autotrophic nutrition?
Ans	<input checked="" type="checkbox"/> A. It depends entirely on consuming other living organisms for food. <input checked="" type="checkbox"/> B. It requires digestion of complex substances outside the body. <input checked="" type="checkbox"/> C. It involves direct absorption of organic compounds from other organisms. <input checked="" type="checkbox"/> D. It involves making food using carbon dioxide and water in the presence of sunlight.
Q.5	Which is the main transport system in animals?
Ans	<input checked="" type="checkbox"/> A. Nervous system <input checked="" type="checkbox"/> B. Muscular system <input checked="" type="checkbox"/> C. Circulatory system <input checked="" type="checkbox"/> D. Respiratory system



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Q.6	Which of the following correctly matches a floral part with its primary biological function in reproduction?
Ans	<input checked="" type="checkbox"/> A. Stamens – production of pollen grains <input checked="" type="checkbox"/> B. Pistil – attraction of pollinators <input checked="" type="checkbox"/> C. Petals – production of female gametes <input checked="" type="checkbox"/> D. Sepals – development of ovules
Q.7	When is the work done by a force considered negative?
Ans	<input checked="" type="checkbox"/> A. When there is no displacement <input checked="" type="checkbox"/> B. When the force acts in the same direction as displacement <input checked="" type="checkbox"/> C. When the force is zero <input checked="" type="checkbox"/> D. When the force acts opposite to the direction of displacement
Q.8	A science teacher asks students to measure the current through a bulb using an ammeter. What precaution must the students follow?
Ans	<input checked="" type="checkbox"/> A. Connect the ammeter without a battery <input checked="" type="checkbox"/> B. Connect the ammeter with reversed polarity <input checked="" type="checkbox"/> C. Connect the ammeter in series with correct polarity <input checked="" type="checkbox"/> D. Connect the ammeter in parallel with the bulb
Q.9	For a given wave, if the speed becomes three times and the wavelength becomes three times, the frequency _____. A. becomes nine times B. becomes three times C. becomes one-third D. remains the same
Q.10	When applying the sign conventions for spherical lenses to measure object and image distances, where are all measurements taken from?
Ans	<input checked="" type="checkbox"/> A. The optical centre of the lens <input checked="" type="checkbox"/> B. The centre of curvature <input checked="" type="checkbox"/> C. The principal focus <input checked="" type="checkbox"/> D. The pole of the lens
Q.11	When is a neutral salt formed?
Ans	<input checked="" type="checkbox"/> A. When weak acid reacts with strong base <input checked="" type="checkbox"/> B. When acid reacts with metal <input checked="" type="checkbox"/> C. When strong acid reacts with weak base <input checked="" type="checkbox"/> D. When strong acid reacts with strong base
Q.12	A small amount of copper oxide taken in a beaker and dilute hydrochloric acid is added to it slowly while stirring, results in:
Ans	<input checked="" type="checkbox"/> A. formation of reddish-brown colour solution of copper sulphate <input checked="" type="checkbox"/> B. formation of bluish-green colour solution of copper chloride <input checked="" type="checkbox"/> C. formation of reddish-brown colour solution of copper chloride <input checked="" type="checkbox"/> D. formation of reddish-brown colour solution of cupric chloride

Q.13	Which of the following methods will NOT help in the management of garbage and other wastes produced by humans?
Ans	<input checked="" type="checkbox"/> A. Landfilling plastics in soil <input checked="" type="checkbox"/> B. Following 3R's (Reduce, Reuse, Recycle) <input checked="" type="checkbox"/> C. Treating wastes before release <input checked="" type="checkbox"/> D. Vermicomposting
Q.14	Which of the following statements is true?
Ans	<input checked="" type="checkbox"/> A. On increasing the number of turns per unit length in a solenoid, the strength of the magnetic field in the solenoid increases. <input checked="" type="checkbox"/> B. On increasing the resistance of the wire, the strength of the magnetic field in a solenoid increases. <input checked="" type="checkbox"/> C. The magnetic field lines inside a solenoid are circular. <input checked="" type="checkbox"/> D. The magnetic field inside a solenoid carrying current does not depend on the strength of the current.
Q.15	If an object is placed at the centre of curvature of a concave mirror, the image formed will be:
Ans	<input checked="" type="checkbox"/> A. between focus and pole, virtual and erect <input checked="" type="checkbox"/> B. at infinity, virtual and magnified <input checked="" type="checkbox"/> C. at the focus, real and diminished <input checked="" type="checkbox"/> D. at the centre of curvature itself, real and of the same size
Q.16	Which of the following statements are correct for benzene?
	a. It is a six-membered cyclic carbon compound. b. It has three single and three double bonds. c. The molecular formula is $C_6H_{14}$ .
Ans	<input checked="" type="checkbox"/> A. Only a and c <input checked="" type="checkbox"/> B. a, b and c <input checked="" type="checkbox"/> C. Only a and b <input checked="" type="checkbox"/> D. Only b and c
Q.17	Which method is used to purify metals like Zinc and Copper?
Ans	<input checked="" type="checkbox"/> A. Smelting <input checked="" type="checkbox"/> B. Alloying <input checked="" type="checkbox"/> C. Roasting <input checked="" type="checkbox"/> D. Electrolytic refining
Q.18	Momentum ( $p$ ) is a vector quantity. That means, momentum has both _____.
Ans	<input checked="" type="checkbox"/> A. speed and time <input checked="" type="checkbox"/> B. mass and velocity <input checked="" type="checkbox"/> C. magnitude and direction <input checked="" type="checkbox"/> D. force and acceleration
Q.19	What does the Law of Conservation of Mass state?
Ans	<input checked="" type="checkbox"/> A. Energy can be converted into mass <input checked="" type="checkbox"/> B. Mass remains unchanged in reactions <input checked="" type="checkbox"/> C. Mass of reactants is always lost <input checked="" type="checkbox"/> D. Mass of products is always greater

Q.20	Which of the following statements is correct about the definition of complex permanent tissues?
Ans	<input checked="" type="checkbox"/> A. Complex permanent tissues are made up of similar type of cells. <input checked="" type="checkbox"/> B. Complex permanent tissues are made of simple permanent tissues. <input checked="" type="checkbox"/> C. Complex permanent tissues are made up of different types of cells performing different tasks. <input checked="" type="checkbox"/> D. Complex permanent tissues are made up of different types of cells performing similar tasks.
Q.21	In India, cows are classified under which scientific species name?
Ans	<input checked="" type="checkbox"/> A. Bos bubalis <input checked="" type="checkbox"/> B. Bos taurus <input checked="" type="checkbox"/> C. Bubalus bubalis <input checked="" type="checkbox"/> D. Bos indicus
Q.22	Which of these processes begins after pollen lands on the stigma of a flower?
Ans	<input checked="" type="checkbox"/> A. It develops into a seed directly. <input checked="" type="checkbox"/> B. The leaves begin photosynthesis immediately. <input checked="" type="checkbox"/> C. The petals open wider. <input checked="" type="checkbox"/> D. A pollen tube grows through the style to reach the ovary.
Q.23	Which of the following is NOT an application of Archimedes' Principle?
Ans	<input checked="" type="checkbox"/> A. Measuring electrical resistance of a wire <input checked="" type="checkbox"/> B. Calculating buoyant force on a body in fluid <input checked="" type="checkbox"/> C. Submarine floating and diving <input checked="" type="checkbox"/> D. Determining the density of an irregular solid
Q.24	Which of the following is a pure substance consisting of only one type of atom?
Ans	<input checked="" type="checkbox"/> A. Sodium <input checked="" type="checkbox"/> B. Milk <input checked="" type="checkbox"/> C. Water <input checked="" type="checkbox"/> D. Air
Q.25	Which of the following species is reduced in the given reaction?
	$\text{CuO} + \text{H}_2 \xrightarrow{\text{Heat}} \text{Cu} + \text{H}_2\text{O}$
Ans	<input checked="" type="checkbox"/> A. H <sub>2</sub> O <input checked="" type="checkbox"/> B. Cu <input checked="" type="checkbox"/> C. H <sub>2</sub> <input checked="" type="checkbox"/> D. O

**Section : Mathematics**

Q.26	The volume (in m <sup>3</sup> ) of a cube with edges of 31 m is:
Ans	<input checked="" type="checkbox"/> A. 29791 <input checked="" type="checkbox"/> B. 29898 <input checked="" type="checkbox"/> C. 29595 <input checked="" type="checkbox"/> D. 29959

Q.27	If $A6B59$ is exactly divisible by 9, then find the least possible value of $(A^2+2B)$ .
Ans	<input checked="" type="checkbox"/> A. 14 <input checked="" type="checkbox"/> B. 21 <input checked="" type="checkbox"/> C. 13 <input checked="" type="checkbox"/> D. 19
Q.28	The monthly incomes of two friends Chetan and Vipul, are in the ratio 5 : 9, respectively, and each of them saves ₹51,000 every month. If the ratio of their monthly expenditure is 1 : 3, find the monthly income of Chetan(in ₹).
Ans	<input checked="" type="checkbox"/> A. 86,000 <input checked="" type="checkbox"/> B. 85,000 <input checked="" type="checkbox"/> C. 84,000 <input checked="" type="checkbox"/> D. 1,19,000
Q.29	The ratio of the ages of a wife and husband is 6 : 7 at present. If the sum of their ages after 20 years from now is 92, then find their present ages (in years), respectively.
Ans	<input checked="" type="checkbox"/> A. 24, 28 <input checked="" type="checkbox"/> B. 42, 49 <input checked="" type="checkbox"/> C. 30, 42 <input checked="" type="checkbox"/> D. 18, 21
Q.30	Two trains, Train A and Train B, are traveling towards each other on parallel tracks. Train A is 150 meters long and moves at a speed of 72 km/h. Train B is 100 meters long and moves at a speed of 54 km/h. How much time (rounded off to two decimal places) will it take for Train A to completely pass Train B?
Ans	<input checked="" type="checkbox"/> A. 6.14 seconds <input checked="" type="checkbox"/> B. 10.14 seconds <input checked="" type="checkbox"/> C. 7.14 seconds <input checked="" type="checkbox"/> D. 9.14 seconds
Q.31	The price of fuel decreases by 15%, 30% and 60% in three successive months, but increases by 60% 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. Decreases by 67.07% <input checked="" type="checkbox"/> B. Increases by 66.82% <input checked="" type="checkbox"/> C. Increases by 58.55% <input checked="" type="checkbox"/> D. Decreases by 61.92%
Q.32	In a quadrilateral EFGH, $\angle E = 52^\circ$ and $\angle F = 37^\circ$ . The bisectors of $\angle G$ and $\angle H$ meet at X. What is the measure of $\angle HXG$ ?
Ans	<input checked="" type="checkbox"/> A. $37^\circ$ <input checked="" type="checkbox"/> B. $48.5^\circ$ <input checked="" type="checkbox"/> C. $44.5^\circ$ <input checked="" type="checkbox"/> D. $49^\circ$
Q.33	The ratio of three numbers is 12:14:4. If 25% of the first number is 18, then what would 30% of the difference between the third and second numbers be?
Ans	<input checked="" type="checkbox"/> A. 16 <input checked="" type="checkbox"/> B. 19 <input checked="" type="checkbox"/> C. 17 <input checked="" type="checkbox"/> D. 18

Q.34	P and Q together can fill a cistern with water in 15 hours. If P alone can fill the cistern with water in 40 hours, then in how many hours will Q alone fill one-fourth of the same cistern with water?
Ans	<input checked="" type="checkbox"/> A. 12 <input checked="" type="checkbox"/> B. 7 <input checked="" type="checkbox"/> C. 6 <input checked="" type="checkbox"/> D. 13
Q.35	The amount on a sum of ₹5,200 at 20% per annum compound interest, compounded annually, in 2 years will be:
Ans	<input checked="" type="checkbox"/> A. ₹7,105 <input checked="" type="checkbox"/> B. ₹7,472 <input checked="" type="checkbox"/> C. ₹7,488 <input checked="" type="checkbox"/> D. ₹6,916
Q.36	The sum of two numbers is 74 and their difference is 12. Find the product of the two numbers.
Ans	<input checked="" type="checkbox"/> A. 1433 <input checked="" type="checkbox"/> B. 1233 <input checked="" type="checkbox"/> C. 1333 <input checked="" type="checkbox"/> D. 1533
Q.37	Simplify: $86 - (-16) \times (-8 - 20 - 18) \div [1 \times \{10 + (-2) \times (-3)\}]$
Ans	<input checked="" type="checkbox"/> A. 42 <input checked="" type="checkbox"/> B. 40 <input checked="" type="checkbox"/> C. 46 <input checked="" type="checkbox"/> D. 31
Q.38	A shopkeeper sells 10 identical watches for ₹10,500, which is the cost price of 8 watches. Find his loss percentage.
Ans	<input checked="" type="checkbox"/> A. 10% <input checked="" type="checkbox"/> B. 20% <input checked="" type="checkbox"/> C. 30% <input checked="" type="checkbox"/> D. 40%
Q.39	The cost price of a dress is ₹1,600. The shopkeeper makes a profit of 20% on selling it. If he offers a discount of 25% at the time of sale, find the marked price (in ₹).
Ans	<input checked="" type="checkbox"/> A. 2,380 <input checked="" type="checkbox"/> B. 2,050 <input checked="" type="checkbox"/> C. 2,560 <input checked="" type="checkbox"/> D. 1,920
Q.40	A metallic sphere of unknown radius is melted and recast into 64 smaller spherical balls. During the recasting process, 20% of the total metal is lost as waste. If the total volume of the 64 smaller spheres after the loss is $10,752 \text{ cm}^3$ , determine the radius (rounded off to the nearest integer) of the original sphere. (Use $\pi = 3.14$ )
Ans	<input checked="" type="checkbox"/> A. 16 cm <input checked="" type="checkbox"/> B. 17 cm <input checked="" type="checkbox"/> C. 15 cm <input checked="" type="checkbox"/> D. 14 cm

Q.41	The value of $\frac{(a^2 - b^2)^3 + (b^2 - c^2)^3 + (c^2 - a^2)^3}{(a - b)^3 + (b - c)^3 + (c - a)^3}$ is:
Ans	<input checked="" type="checkbox"/> A. $(a + b)(b + c)(c + a)$ <input checked="" type="checkbox"/> B. $3abc$ <input checked="" type="checkbox"/> C. $2(a - b)(b - c)(c - a)$ <input checked="" type="checkbox"/> D. $(a - b)(b - c)(c - a)$

Q.42	What is the mode of the following data?
	53, 53, 40, 49, 50, 48, 53, 50, 41, 40, 53, 45, 40, 47, 43, 52, 51, 42, 51, 53
Ans	<input checked="" type="checkbox"/> A. 53 <input checked="" type="checkbox"/> B. 40 <input checked="" type="checkbox"/> C. 49 <input checked="" type="checkbox"/> D. 50

Q.43	The mean and the mode of a set of data are 20 and 88.7, respectively. Find the median of the data, using the empirical formula.
Ans	<input checked="" type="checkbox"/> A. 42.5 <input checked="" type="checkbox"/> B. 43.1 <input checked="" type="checkbox"/> C. 42.9 <input checked="" type="checkbox"/> D. 44.5

Q.44	An agent sells a turbo cooker with a marked price of ₹6,370 at a discount of 50%. What is the selling price (in ₹) of the turbo cooker?
Ans	<input checked="" type="checkbox"/> A. 2,548 <input checked="" type="checkbox"/> B. 3,158 <input checked="" type="checkbox"/> C. 3,185 <input checked="" type="checkbox"/> D. 2,549

Q.45	If the HCF of three numbers is 23 and they are in the ratio 1:2:3, then the numbers are:
Ans	<input checked="" type="checkbox"/> A. 23, 56, 59 <input checked="" type="checkbox"/> B. 23, 46, 92 <input checked="" type="checkbox"/> C. 13, 46, 92 <input checked="" type="checkbox"/> D. 23, 46, 69

Q.46	Two pipes, F and M, can fill a cistern in 25 minutes and 30 minutes, respectively. If both pipes are opened together, after how many minutes should pipe F be closed so that the cistern is completely filled in 15 minutes?
Ans	<input checked="" type="checkbox"/> A. 12.5 min <input checked="" type="checkbox"/> B. 10 min <input checked="" type="checkbox"/> C. 12 min <input checked="" type="checkbox"/> D. 15 min

Q.47	Sunita, Javed, and Rani invest ₹13,90,000, ₹4,70,000, and ₹15,40,000, respectively, to start a business. If the profit at the end of the year is ₹4,50,500, then what is the share of Rani in the profit?
Ans	<input checked="" type="checkbox"/> A. ₹2,04,048 <input checked="" type="checkbox"/> B. ₹2,04,052 <input checked="" type="checkbox"/> C. ₹2,04,053 <input checked="" type="checkbox"/> D. ₹2,04,050

Q.48	The distance between points A and B is 663 km. Amit travels from A to B at 131 km/hr and returns at 24 km/hr. Calculate his average speed for the entire journey (rounded off to two decimal places).
Ans	<input checked="" type="checkbox"/> A. 39.54 km/hr <input checked="" type="checkbox"/> B. 43.79 km/hr <input checked="" type="checkbox"/> C. 46.18 km/hr <input checked="" type="checkbox"/> D. 40.57 km/hr
Q.49	$\frac{1}{30}$ is what percentage of $\frac{2}{20}$ (rounded off to two decimal places)?
Ans	<input checked="" type="checkbox"/> A. 43.33% <input checked="" type="checkbox"/> B. 48.33% <input checked="" type="checkbox"/> C. 66.67% <input checked="" type="checkbox"/> D. 33.33%
Q.50	A tower stands vertically on the ground. From a point on the ground which is 29.6 m away from the foot of the tower, the angle of elevation of the top of the tower is found to be 45°. Find the height of the tower.
Ans	<input checked="" type="checkbox"/> A. 27.6 m <input checked="" type="checkbox"/> B. 23.6 m <input checked="" type="checkbox"/> C. 29.6 m <input checked="" type="checkbox"/> D. 25.6 m

## Section : General Intelligence and Reasoning

Q.51	<p>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.</p> <p>(Left) 9 8 9 2 6 3 9 2 7 5 5 6 9 2 9 6 8 9 1 2 9 1 6 7 9 1 8 (Right)</p> <p>How many such even numbers are there, each of which is immediately preceded by an odd number and also immediately followed by an even number?</p>
Ans	<input checked="" type="checkbox"/> A. 2 <input checked="" type="checkbox"/> B. 4 <input checked="" type="checkbox"/> C. 3 <input checked="" type="checkbox"/> D. 1
Q.52	<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. GL - EJ <input checked="" type="checkbox"/> B. OT - MS <input checked="" type="checkbox"/> C. IN - GL <input checked="" type="checkbox"/> D. MR - KP
Q.53	<p>Select the pair which follows the same pattern as that followed by the two pairs given below. Both pairs follow the same pattern.</p> <p>UIR : WDP          FRO : HMM</p>
Ans	<input checked="" type="checkbox"/> A. GHJ : ICG <input checked="" type="checkbox"/> B. KIT : MCR <input checked="" type="checkbox"/> C. LJQ : NEN <input checked="" type="checkbox"/> D. CPP : EKN

**Q.54** Seven boxes A, B, C, D, P, Q and R are kept one over the other but not necessarily in the same order. D is kept immediately above Q. R is kept immediately above C. Only P is kept above A. Only two boxes are kept above D. R is not kept at third position from the bottom.

How many boxes are kept between B and P?

**Ans**  A. Three

B. Two

C. One

D. Four

**Q.55** 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 to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(12, 15, 720)

(14, 11, 616)

**Ans**  A. (16, 11, 704)

B. (13, 10, 510)

C. (18, 9, 548)

D. (12, 9, 434)

**Q.56** What should come in place of the question mark (?) in the given series?

2 1 1 1.5 ? 7.5

**Ans**  A. 4

B. 2

C. 2.5

D. 3

**Q.57** What will come in place of the question mark (?) in the following equation if '+' and '−' are interchanged and '×' and '÷' are interchanged?

$58 \div 11 + 624 \times 13 - 471 = ?$

**Ans**  A. 1061

B. 1011

C. 1022

D. 1032

**Q.58** Five people, A, B, C, D and E, are sitting in a row, facing north. A sits at the extreme right end of the row. D sits to the immediate left of A. Only B sits between C and E. How many people sit between A and B?

**Ans**  A. 0

B. 1

C. 2

D. 3

**Q.59** Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster 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. HLNR

B. INOS

C. SWYC

D. VZBF

**Q.60** 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 viruses are fungi.  
Some viruses are bacteria.

**Conclusions:**

(I) Some fungi are bacteria.  
(II) No fungi is a virus.

**Ans**  A. Both follow

B. Neither follows

C. Only II follows

D. Only I follows

**Q.61** A, B, C, D, W, X and Y are sitting around a circular table facing the centre of the table. C sits fourth to the right of X. Only two people sit between Y and W when counted from the left of Y. D sits third to the left of B. A is an immediate neighbour of B and W. How many people between C and A when counted from the left of A?

**Ans**  A. One

B. Three

C. Four

D. Two

**Q.62** In a certain code language,  
'A + B' means 'A is the mother of B',  
'A - B' means 'A is the brother of B',  
'A × B' means 'A is the wife of B',  
'A % B' means 'A is the father of B' and  
'A # B' means 'A is the daughter of B'.

How is Q related to N if 'N % E - C % R # Q'?

**Ans**  A. Husband's father

B. Son's wife

C. Father's brother

D. Son's daughter

**Q.63** Rihan starts from Point A and drives 24 km towards East. He then takes a right turn, drives 50 km, turns right and drives 51 km. He then takes a right turn and drives 63 km. He takes a final right turn, drives 27 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. 11 km to the South

B. 17 km to the north

C. 15 km to the north

D. 13 km to the South

**Q.64** Refer to the following 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) 9 1 5 1 9 8 6 6 9 9 4 1 6 7 8 3 7 2 1 3 5 3 5 1 6 2 8 (Right)

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

**Ans**  A. 6

B. 4

C. 3

D. 5

**Q.65** This question is based on the five, three-digit numbers given below.

(Left) 715, 906, 570, 853, 418 (Right)

(Example: 697 – First digit = 6, second digit = 9 and third digit = 7)

Note: All operations to be done from left to right.

What will be the resultant if the third digit of the highest number is added to the second digit of the lowest number?

**Ans**

- A. 6
- B. 7
- C. 13
- D. 8

**Q.66** What should come in place of the question mark (?) in the given series based on the English alphabetical order?

REN VBR ZYV DVZ ?

**Ans**

- A. GSC
- B. IRC
- C. GTE
- D. HSD

**Q.67** Town I is to the north of Town F. Town H is to the east of Town I. Town J is to the east of Town H. Town G is to the north of Town J. What is the position of Town F with respect to Town G?

**Ans**

- A. East
- B. Southwest
- C. Northeast
- D. North

**Q.68** In a certain code language, 'ELMS' is coded as '4892' and 'ALES' is coded as '7428'. What is the code for 'A' in the given code language?

**Ans**

- A. 4
- B. 8
- C. 7
- D. 2

**Q.69** Refer to the following series and answer the question that follows (all numbers are single digit numbers only). Counting to be done from left to right only.

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

How many such even numbers are there (from left to right) each of which is immediately preceded by an odd number and also immediately followed by an even number?

**Ans**

- A. 4
- B. 6
- C. 3
- D. 5

Q.70	Select the pair which follows the same pattern as that followed by the two pairs given below. Both pairs follow the same pattern.  DBC-YWX KIJ-FDE	
Ans	<input checked="" type="checkbox"/> A. ROO-LJK <input checked="" type="checkbox"/> B. ROO-MKL <input checked="" type="checkbox"/> C. RPQ-MKL <input checked="" type="checkbox"/> D. RPQ-LKK	
Q.71	What will come in place of the question mark (?) in the following equation if '+' and '−' are interchanged and '×' and '÷' are interchanged?  $45 - 54 \times 6 + 12 \div 1 = ?$	
Ans	<input checked="" type="checkbox"/> A. 42 <input checked="" type="checkbox"/> B. 46 <input checked="" type="checkbox"/> C. 44 <input checked="" type="checkbox"/> D. 40	
Q.72	Seven friends D, E, F, U, V, W and X are sitting in a straight line facing the north. Only three people are seated to the left of D. Only E is seated to the right of W. Only three people are seated between W and X. V is seated at some place to the left of U but at some place to the right of F. How many people are seated between F and U?	
Ans	<input checked="" type="checkbox"/> A. Four <input checked="" type="checkbox"/> B. Two <input checked="" type="checkbox"/> C. Three <input checked="" type="checkbox"/> D. One	
Q.73	What should come in place of the question mark (?) in the given series?  45 ? 57 63 69 75	
Ans	<input checked="" type="checkbox"/> A. 51 <input checked="" type="checkbox"/> B. 47 <input checked="" type="checkbox"/> C. 53 <input checked="" type="checkbox"/> D. 62	
Q.74	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 pans are cups. All cups are bottles. Some cups are mugs.  Conclusions: (I): Some bottles are mugs. (II): Some pans are mugs.	
Ans	<input checked="" type="checkbox"/> A. Only conclusion (I) follows <input checked="" type="checkbox"/> B. Only conclusion (II) follows <input checked="" type="checkbox"/> C. Neither conclusion (I) nor (II) follows <input checked="" type="checkbox"/> D. Both conclusions (I) and (II) follow	

<b>Q.75</b>	<p>If + means -, - means <math>\times</math>, <math>\times</math> means <math>\div</math> and <math>\div</math> means +, then what will come in place of the question mark (?) in the following equation?</p> $18 + 4 - 6 \div 46 \times 2 = ?$	
<b>Ans</b>	<p><input checked="" type="checkbox"/> A. 21  <input checked="" type="checkbox"/> B. 14  <input checked="" type="checkbox"/> C. 11  <input checked="" type="checkbox"/> D. 17</p>	
<b>Q.76</b>	<p>Seven boxes, D, E, F, U, V, W and X, are kept one over the other, but not necessarily in the same order. Only two boxes are kept below W. Only two boxes are kept between W and U. Only one box is kept between U and E. X is kept immediately above V. F is kept at some place below D. How many boxes are kept between D and X?</p>	
<b>Ans</b>	<p><input checked="" type="checkbox"/> A. Three  <input checked="" type="checkbox"/> B. Four  <input checked="" type="checkbox"/> C. One  <input checked="" type="checkbox"/> D. Two</p>	
<b>Q.77</b>	<p>What should come in place of the question mark (?) in the given series?</p> <p>120 135 155 180 210 ?</p>	
<b>Ans</b>	<p><input checked="" type="checkbox"/> A. 240  <input checked="" type="checkbox"/> B. 230  <input checked="" type="checkbox"/> C. 245  <input checked="" type="checkbox"/> D. 233</p>	
<b>Q.78</b>	<p>Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?</p> <p>XBF 84 IMQ 92 TXB 100 EIM 108 ?</p>	
<b>Ans</b>	<p><input checked="" type="checkbox"/> A. PTX 116  <input checked="" type="checkbox"/> B. PUW 116  <input checked="" type="checkbox"/> C. PSW 115  <input checked="" type="checkbox"/> D. PRU 115</p>	
<b>Q.79</b>	<p>Select the triad which follows the same pattern as that followed by the two triads given below. Both triads follow the same pattern.</p> <p>DL – IQ – NV  FN – KS – PX</p>	
<b>Ans</b>	<p><input checked="" type="checkbox"/> A. RM – QT – PR  <input checked="" type="checkbox"/> B. PL – RN – TP  <input checked="" type="checkbox"/> C. UW – YZ – SU  <input checked="" type="checkbox"/> D. BJ – GO – LT</p>	
<b>Q.80</b>	<p>In a certain code language, 'POKE' is coded as '8469' and 'KIND' is coded as '2387'. What is the code for 'K' in the given code language?</p>	
<b>Ans</b>	<p><input checked="" type="checkbox"/> A. 8  <input checked="" type="checkbox"/> B. 2  <input checked="" type="checkbox"/> C. 6  <input checked="" type="checkbox"/> D. 4</p>	

Q.81	Which government body introduced the FASTag annual pass?
Ans	<input checked="" type="checkbox"/> A. National Highways Authority of India <input checked="" type="checkbox"/> B. Indian Roadways Development Council <input checked="" type="checkbox"/> C. Ministry of Rural Infrastructure and Bridges <input checked="" type="checkbox"/> D. Directorate of National Toll and Transit
Q.82	In 2025, who broke the women's mile world record with a time of 4:06.42 at Nike's Breaking event in Paris?
Ans	<input checked="" type="checkbox"/> A. Laura Muir <input checked="" type="checkbox"/> B. Sifan Hassan <input checked="" type="checkbox"/> C. Genzebe Dibaba <input checked="" type="checkbox"/> D. Faith Kipyegon
Q.83	In which event did Suruchi Singh win a gold medal at the ISSF World Cup, 2025, in Munich?
Ans	<input checked="" type="checkbox"/> A. Women's 50m rifle <input checked="" type="checkbox"/> B. Women's 10m air pistol <input checked="" type="checkbox"/> C. Women's 25m pistol <input checked="" type="checkbox"/> D. Women's trap shooting
Q.84	Chief Minister Yogi Adityanath launched which book on public etiquette in May 2025?
Ans	<input checked="" type="checkbox"/> A. Sanghatil Manavi Vyavasthapan <input checked="" type="checkbox"/> B. The Divine Kumbh <input checked="" type="checkbox"/> C. Rajal Neeti: Lok Vyavhaar <input checked="" type="checkbox"/> D. Rajal Neeti: Time Management
Q.85	Which of the following initiatives was launched by the Union Ministry of Tribal Affairs in 2025 to improve the implementation of tribal welfare schemes?
Ans	<input checked="" type="checkbox"/> A. Tribal Pragati Mission <input checked="" type="checkbox"/> B. Adi Karmyogi <input checked="" type="checkbox"/> C. Janjatiya Jyoti Abhiyan <input checked="" type="checkbox"/> D. Van Dhan 2.0
Q.86	In September 2025, Justice Shree Chandrashekhar took oath as the Chief Justice of which High Court, following his appointment by the Government of India?
Ans	<input checked="" type="checkbox"/> A. Bombay High Court <input checked="" type="checkbox"/> B. Calcutta High Court <input checked="" type="checkbox"/> C. Rajasthan High Court <input checked="" type="checkbox"/> D. Delhi High Court
Q.87	At the 23 <sup>rd</sup> National Para Athletics Championships 2025 in Chennai's Nehru Stadium, which state claimed the top position in the combined men's and women's team standings?
Ans	<input checked="" type="checkbox"/> A. Tamil Nadu <input checked="" type="checkbox"/> B. Haryana <input checked="" type="checkbox"/> C. Maharashtra <input checked="" type="checkbox"/> D. Uttar Pradesh

Q.88	In August 2025, which of the following African countries was officially declared free of sleeping sickness by the World Health Organization (WHO)?
Ans	<input checked="" type="checkbox"/> A. Uganda <input checked="" type="checkbox"/> B. Kenya <input checked="" type="checkbox"/> C. Ghana <input checked="" type="checkbox"/> D. Nigeria
Q.89	In June 2025, a London-bound Air India aircraft crashed shortly after taking off from which airport?
Ans	<input checked="" type="checkbox"/> A. Delhi Airport <input checked="" type="checkbox"/> B. Ahmedabad Airport <input checked="" type="checkbox"/> C. Chennai Airport <input checked="" type="checkbox"/> D. Kolkata Airport
Q.90	What was the theme of the 28 <sup>th</sup> National Conference on e-Governance scheduled for 22 and 23 September 2025 in Visakhapatnam?
Ans	<input checked="" type="checkbox"/> A. Digital India: Inclusive Growth <input checked="" type="checkbox"/> B. AI in Governance: Future Pathways <input checked="" type="checkbox"/> C. Viksit Bharat: Civil Service and Digital Transformation <input checked="" type="checkbox"/> D. e-Governance for Sustainable Development
Q.91	What is the name of the new regulatory body formed by the Reserve Bank of India in May 2025 to supervise India's payment systems?
Ans	<input checked="" type="checkbox"/> A. Payments Regulatory Board <input checked="" type="checkbox"/> B. Unified Financial Authority <input checked="" type="checkbox"/> C. Payments Governance Authority <input checked="" type="checkbox"/> D. National Payments Council
Q.92	What is the purpose of introducing Sugar Boards in CBSE schools, as reported in May 2025?
Ans	<input checked="" type="checkbox"/> A. To educate about sugar risks <input checked="" type="checkbox"/> B. To teach hygiene practices <input checked="" type="checkbox"/> C. To encourage sports activities <input checked="" type="checkbox"/> D. To promote physical education
Q.93	In October 2025, the Centre for Research on Energy and Clean Air (CREA) published the PM2.5 air quality assessment of Indian cities. What does PM2.5 refer to?
Ans	<input checked="" type="checkbox"/> A. Sulphur dioxide emissions released from industrial units <input checked="" type="checkbox"/> B. Ground-level ozone produced during photochemical reactions <input checked="" type="checkbox"/> C. Carbon monoxide generated from incomplete combustion <input checked="" type="checkbox"/> D. Fine particulate matter with a diameter of 2.5 micrometres or smaller
Q.94	In June 2025, Rajkishore Parhi was chosen for the Bal Sahitya Puraskar for poetry collection, 'Kete Phula Phutichhi', in which language?
Ans	<input checked="" type="checkbox"/> A. Bhojpuri <input checked="" type="checkbox"/> B. Tamil <input checked="" type="checkbox"/> C. Telugu <input checked="" type="checkbox"/> D. Odia

Q.95	The Indian Armed Forces contingent participating in the multilateral joint military exercise ZAPAD 2025 is being led by which regiment of the Indian Army?
Ans	<input checked="" type="checkbox"/> A. Gorkha Regiment <input checked="" type="checkbox"/> B. Sikh Regiment <input checked="" type="checkbox"/> C. Rajput Regiment <input checked="" type="checkbox"/> D. Kumaon Regiment
Q.96	In July 2025, which of the following firms entered into a binding agreement to form a 50:50 domestic reinsurance joint venture to serve the insurance market in India?
Ans	<input checked="" type="checkbox"/> A. Allianz with Jio Financial Services <input checked="" type="checkbox"/> B. Swiss Re with Axis Bank <input checked="" type="checkbox"/> C. Lloyd's with PayU <input checked="" type="checkbox"/> D. Munich Re with Paytm
Q.97	Recently, who has taken over as president of industry body ASSOCHAM for 2024-25?
Ans	<input checked="" type="checkbox"/> A. Suresh Nayar <input checked="" type="checkbox"/> B. Pankaj Nayar <input checked="" type="checkbox"/> C. Akhilesh Nayar <input checked="" type="checkbox"/> D. Sanjay Nayar
Q.98	Which landmark treaty, aimed at protecting the high seas, achieved its final ratification push during the UN Ocean Conference in June 2025?
Ans	<input checked="" type="checkbox"/> A. Convention on Wetlands (Ramsar Convention) <input checked="" type="checkbox"/> B. Paris Agreement on climate change <input checked="" type="checkbox"/> C. United Nations Convention on the Law of the Sea (UNCLOS) <input checked="" type="checkbox"/> D. Biodiversity Beyond National Jurisdiction (BBNJ) Agreement
Q.99	Pobitora Wildlife Sanctuary reopened for the 2025–26 tourist season in which Indian state?
Ans	<input checked="" type="checkbox"/> A. Assam <input checked="" type="checkbox"/> B. West Bengal <input checked="" type="checkbox"/> C. Meghalaya <input checked="" type="checkbox"/> D. Odisha
Q.100	What rank did Neeraj Chopra achieve during the Doha Diamond League competition of 2025?
Ans	<input checked="" type="checkbox"/> A. Second <input checked="" type="checkbox"/> B. First <input checked="" type="checkbox"/> C. Third <input checked="" type="checkbox"/> D. Fourth