



रेलवे भर्ती बोर्ड / RAILWAY RECRUITMENT BOARD

सी०ई०एन० 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	17/12/2025
Test Time	4:30 PM - 6:00 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	If Girl A takes 20 s and Girl B takes 50 s to climb a rope, both performing 3200 J of work, their difference in performance is characterised by which physical concept?
Ans	<input checked="" type="checkbox"/> A. Power <input checked="" type="checkbox"/> B. Total energy consumed <input checked="" type="checkbox"/> C. Gravitational force <input checked="" type="checkbox"/> D. Total displacement
Q.2	Which of the following is INCORRECT about meristematic tissues?
Ans	<input checked="" type="checkbox"/> A. Lack of vacuoles <input checked="" type="checkbox"/> B. Thin walled <input checked="" type="checkbox"/> C. Presence of vacuoles <input checked="" type="checkbox"/> D. Actively dividing cells
Q.3	Which of the following belongs to the alkyne group?
Ans	<input checked="" type="checkbox"/> A. C ₃ H ₄ <input checked="" type="checkbox"/> B. C ₆ H ₆ <input checked="" type="checkbox"/> C. C ₂ H ₄ <input checked="" type="checkbox"/> D. C ₃ H ₈
Q.4	Which of the following statements regarding the need for macronutrients in plants is correct?
Ans	<input checked="" type="checkbox"/> A. Macronutrients are only required during the flowering stage. <input checked="" type="checkbox"/> B. Macronutrients are less important than micronutrients. <input checked="" type="checkbox"/> C. Plants can survive without macronutrients. <input checked="" type="checkbox"/> D. Macronutrients are required by plants in large quantities for proper growth and development.
Q.5	Which of the following statements about resistivity is correct?
Ans	<input checked="" type="checkbox"/> A. It increases with the cross-sectional area <input checked="" type="checkbox"/> B. It depends only on the nature and temperature of the material <input checked="" type="checkbox"/> C. It decreases when the length increases <input checked="" type="checkbox"/> D. It changes with the shape of the conductor



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Q.6	What is the benefit of developing dwarf broiler parents in poultry?
Ans	<input checked="" type="checkbox"/> A. To increase flight ability <input checked="" type="checkbox"/> B. To reduce feed consumption and improve meat yield <input checked="" type="checkbox"/> C. To make them resistant to rain <input checked="" type="checkbox"/> D. To lay larger eggs
Q.7	Which of the following is NOT a molecule of a compound?
Ans	<input checked="" type="checkbox"/> A. O ₃ <input checked="" type="checkbox"/> B. CH ₄ <input checked="" type="checkbox"/> C. NH ₃ <input checked="" type="checkbox"/> D. HCl
Q.8	A convex mirror is generally used as a rear-view mirror in vehicles because it:
Ans	<input checked="" type="checkbox"/> A. Produces magnified images <input checked="" type="checkbox"/> B. Produces a wider field of view <input checked="" type="checkbox"/> C. Absorbs most of the light rays <input checked="" type="checkbox"/> D. Produces real and inverted images
Q.9	The colour of silver chloride changes when placed in sunlight for some time due to the:
Ans	<input checked="" type="checkbox"/> A. Combination reaction of silver chloride with oxygen <input checked="" type="checkbox"/> B. Photochemical decomposition of silver chloride by sunlight <input checked="" type="checkbox"/> C. Thermal decomposition of silver chloride <input checked="" type="checkbox"/> D. Displacement reaction by oxygen and water
Q.10	Brass is an example of:
Ans	<input checked="" type="checkbox"/> A. a compound <input checked="" type="checkbox"/> B. a homogeneous mixture <input checked="" type="checkbox"/> C. a heterogeneous mixture <input checked="" type="checkbox"/> D. an element
Q.11	A long straight wire carries a current I , and the magnetic field at a distance r from the conductor is B . If the distance from a straight current-carrying wire is doubled, what will be the magnetic field at that point?
Ans	<input checked="" type="checkbox"/> A. 2B <input checked="" type="checkbox"/> B. B/2 <input checked="" type="checkbox"/> C. B <input checked="" type="checkbox"/> D. Zero
Q.12	The bud in Hydra:
Ans	<input checked="" type="checkbox"/> A. forms through spores <input checked="" type="checkbox"/> B. forms inside the parent's body <input checked="" type="checkbox"/> C. grows as an outgrowth <input checked="" type="checkbox"/> D. develops on a stalk
Q.13	In the case of unbalanced forces acting on an object, the acceleration (a) produced is in the direction of the _____.
Ans	<input checked="" type="checkbox"/> A. initial velocity <input checked="" type="checkbox"/> B. net force (resultant force) acting on the object <input checked="" type="checkbox"/> C. force of friction <input checked="" type="checkbox"/> D. largest force

Q.14	An object moves 10 m in 2 s. On a distance-time graph, what is the slope?
Ans	<input checked="" type="checkbox"/> A. 8 m/s <input checked="" type="checkbox"/> B. 5 m/s <input checked="" type="checkbox"/> C. 20 m/s <input checked="" type="checkbox"/> D. 10 m/s
Q.15	The chemical formula of the compound sodium carbonate is represented as:
Ans	<input checked="" type="checkbox"/> A. Na_2CO_3 <input checked="" type="checkbox"/> B. Na_3CO_3 <input checked="" type="checkbox"/> C. Na_3CO_2 <input checked="" type="checkbox"/> D. Na_3CO_4
Q.16	Blood is called a connective tissue because _____.
Ans	<input checked="" type="checkbox"/> A. it is found only in muscles <input checked="" type="checkbox"/> B. it supports bones <input checked="" type="checkbox"/> C. it is red in colour <input checked="" type="checkbox"/> D. it connects and transports material throughout the body
Q.17	A stone is thrown downward with an initial velocity of 5 m/s. After 2 seconds, its final velocity v (taking $g = 10 \text{ m/s}^2$) will be:
Ans	<input checked="" type="checkbox"/> A. 20 m/s <input checked="" type="checkbox"/> B. 25 m/s <input checked="" type="checkbox"/> C. 10 m/s <input checked="" type="checkbox"/> D. 5 m/s
Q.18	Esters are formed by the reaction of:
Ans	<input checked="" type="checkbox"/> A. alcohol and acid in basic medium <input checked="" type="checkbox"/> B. alcohol and acid at low pressure <input checked="" type="checkbox"/> C. alcohol and aldehyde in the presence of dehydrating agent <input checked="" type="checkbox"/> D. alcohol and acid in acidic medium
Q.19	A man contracts HIV even though his partner is healthy. Which of the following behaviours from his personality could explain this?
Ans	<input checked="" type="checkbox"/> A. Having multiple unprotected sexual partners <input checked="" type="checkbox"/> B. Maintaining a healthy diet <input checked="" type="checkbox"/> C. Using sterilised needles <input checked="" type="checkbox"/> D. Having protected sex
Q.20	Which of the following statement is INCORRECT about simple permanent tissue?
Ans	<input checked="" type="checkbox"/> A. It finds few layers beneath the epidermis <input checked="" type="checkbox"/> B. Food storage occurs in simple permanent tissue <input checked="" type="checkbox"/> C. Simple permanent tissue is generally composed of living cells <input checked="" type="checkbox"/> D. Sclerenchyma is the most common simple permanent tissue
Q.21	Carbon forms many compounds because of:
Ans	<input checked="" type="checkbox"/> A. Ability to form ionic crystals <input checked="" type="checkbox"/> B. High atomic mass and large size <input checked="" type="checkbox"/> C. Reactivity with noble gases <input checked="" type="checkbox"/> D. Catenation and tetravalency

Q.22	A sound wave has a frequency of 1600 Hz. If the wavelength of the wave is 0.2 m, what will be the speed of the wave?
Ans	<input checked="" type="checkbox"/> A. 32 m/s <input checked="" type="checkbox"/> B. 8000 m/s <input checked="" type="checkbox"/> C. 800 m/s <input checked="" type="checkbox"/> D. 320 m/s
Q.23	Which type of spherical mirror has its reflecting surface curved outwards and possesses a centre of curvature C that lies behind the mirror?
Ans	<input checked="" type="checkbox"/> A. Plane mirror <input checked="" type="checkbox"/> B. Concave mirror <input checked="" type="checkbox"/> C. Converging mirror <input checked="" type="checkbox"/> D. Convex mirror
Q.24	Which of the following statements is/are correct regarding sexual reproduction in plants? Statement A: After fertilisation, the zygote divides several times to form an embryo within the ovule Statement B: The ovule develops a tough coat and is gradually converted into a seed.
Ans	<input checked="" type="checkbox"/> A. Only statement B <input checked="" type="checkbox"/> B. Both statements A and B <input checked="" type="checkbox"/> C. Neither statement A nor B <input checked="" type="checkbox"/> D. Only statement A
Q.25	Which gas reacts with sodium hydroxide to form sodium bicarbonate and sodium carbonate?
Ans	<input checked="" type="checkbox"/> A. CO_2 <input checked="" type="checkbox"/> B. CO <input checked="" type="checkbox"/> C. NO_2 <input checked="" type="checkbox"/> D. SO_2
Section : Mathematics	
Q.26	The sum of three numbers is 180. If the ratio of the second number to the first number is 14:7 and that of the third number to the second number is 15:15, then find the second number.
Ans	<input checked="" type="checkbox"/> A. 70 <input checked="" type="checkbox"/> B. 72 <input checked="" type="checkbox"/> C. 71 <input checked="" type="checkbox"/> D. 74
Q.27	Bharat goes to a shop to purchase a toy train priced at ₹5,000. He is offered 4 discount options by the shopkeeper. Which of these options should he opt for to gain maximum advantage of the discount offered?
Ans	<input checked="" type="checkbox"/> A. Two successive discounts of 44% and 18% <input checked="" type="checkbox"/> B. Two successive discounts of 30% each <input checked="" type="checkbox"/> C. Two successive discounts of 24% and 25% <input checked="" type="checkbox"/> D. Single discount of 22%

Q.28	<p>Simplify the following expression.</p> $\frac{(256)^4 \times (125)^3 \times (81)^5}{(64)^5 \times (25)^4 \times (27)^6}$
Ans	<input checked="" type="checkbox"/> A. 120 <input checked="" type="checkbox"/> B. 60 <input checked="" type="checkbox"/> C. 150 <input checked="" type="checkbox"/> D. 180
Q.29	<p>102 men have provisions for 30 weeks. They are joined by 68 men. How long (in weeks) will the provisions last?</p>
Ans	<input checked="" type="checkbox"/> A. 22 <input checked="" type="checkbox"/> B. 18 <input checked="" type="checkbox"/> C. 20 <input checked="" type="checkbox"/> D. 16
Q.30	<p>In a student body election, 5% of the eligible voters are aged 18–21 years, 12% are aged 21–25 years, and the rest are older than 25 years. Among these groups, 80% of the 18–21 year age group and 60% of the 21–25 year age group actually voted. If the number of voters aged 21–25 years who voted exceeds those aged 18–21 years by 320, what is the difference between the number of eligible voters aged 18–21 years and those aged 21–25 years?</p>
Ans	<input checked="" type="checkbox"/> A. 600 <input checked="" type="checkbox"/> B. 500 <input checked="" type="checkbox"/> C. 700 <input checked="" type="checkbox"/> D. 800
Q.31	<p>The amount on a sum of ₹7,500 at 8% per annum compound interest, compounded annually, in 2 years will be:</p>
Ans	<input checked="" type="checkbox"/> A. ₹8,989 <input checked="" type="checkbox"/> B. ₹9,355 <input checked="" type="checkbox"/> C. ₹9,135 <input checked="" type="checkbox"/> D. ₹8,748
Q.32	<p>In how many minutes will a cistern be filled if three pipes with diameters 2 cm, 3 cm and 4 cm are opened together, given that the largest pipe alone can fill it in 87 minutes? (Assume the rate of flow of water through each pipe is proportional to the square of its diameter.)</p>
Ans	<input checked="" type="checkbox"/> A. 36 <input checked="" type="checkbox"/> B. 50 <input checked="" type="checkbox"/> C. 48 <input checked="" type="checkbox"/> D. 40
Q.33	<p>A solid cylinder has a height of 12 cm and a radius of r cm. A part of the cylinder is melted and molded into two cones. One cone has a radius of 3 cm and a height of 4 cm, while the other cone has a radius of 6 cm and a height of 8 cm. If the ratio of the curved surface area of the original cylinder to the sum of the curved surface areas of the two cones is 4 : 1, find the value of $2r$.</p>
Ans	<input checked="" type="checkbox"/> A. 27 <input checked="" type="checkbox"/> B. 24 <input checked="" type="checkbox"/> C. 25 <input checked="" type="checkbox"/> D. 26

Q.34	For what value of x will the equation $(x + 5)^2 - (x - 5)^2 = 80$ be true?
Ans	<input checked="" type="checkbox"/> A. 3 <input checked="" type="checkbox"/> B. 5 <input checked="" type="checkbox"/> C. 6 <input checked="" type="checkbox"/> D. 4
Q.35	If the cost price of 30 chairs is equal to the selling price of 40 chairs, find the loss percentage.
Ans	<input checked="" type="checkbox"/> A. 25% <input checked="" type="checkbox"/> B. 17% <input checked="" type="checkbox"/> C. 19% <input checked="" type="checkbox"/> D. 23%
Q.36	If the radius of a sphere is increased by 15%, then find the percentage increase in its volume. (Rounded up to 2 decimal places.)
Ans	<input checked="" type="checkbox"/> A. 41.67% <input checked="" type="checkbox"/> B. 52.09% <input checked="" type="checkbox"/> C. 80.25% <input checked="" type="checkbox"/> D. 23.20%
Q.37	The ratio of 20 hours to 7 days is equivalent to which of the following?
Ans	<input checked="" type="checkbox"/> A. 2:47 <input checked="" type="checkbox"/> B. 20:7 <input checked="" type="checkbox"/> C. 5:42 <input checked="" type="checkbox"/> D. 4:43
Q.38	A man observes the top of a building at an angle of elevation 45° . If the building is 20 m high, find the distance of the man from the building.
Ans	<input checked="" type="checkbox"/> A. 30 m <input checked="" type="checkbox"/> B. 25 m <input checked="" type="checkbox"/> C. 35 m <input checked="" type="checkbox"/> D. 20 m
Q.39	The sum of two numbers is 45 and their difference is 9. Find the smaller number.
Ans	<input checked="" type="checkbox"/> A. 18 <input checked="" type="checkbox"/> B. 15 <input checked="" type="checkbox"/> C. 20 <input checked="" type="checkbox"/> D. 12
Q.40	The average age of 31 students of a class is 34 years. If the age of the teacher is also included, the average age of the whole group becomes 35 years. The age (in years) of the teacher is:
Ans	<input checked="" type="checkbox"/> A. 63 <input checked="" type="checkbox"/> B. 66 <input checked="" type="checkbox"/> C. 69 <input checked="" type="checkbox"/> D. 67

Q.41	The trains Rajdhani Express and Garib Rath Express run in the same direction with speeds of 101 km/hr and 65 km/hr, respectively, and their lengths are same. What is the length of Rajdhani Express if it completely crosses Garib Rath Express in 66 seconds?
Ans	<input checked="" type="checkbox"/> A. 326 m <input checked="" type="checkbox"/> B. 338 m <input checked="" type="checkbox"/> C. 330 m <input checked="" type="checkbox"/> D. 322 m
Q.42	A, B and C can do a piece of work in 3, 12 and 4 days, respectively. How long (in days) will they take to do twice the same work, working together?
Ans	<input checked="" type="checkbox"/> A. 4 <input checked="" type="checkbox"/> B. 9 <input checked="" type="checkbox"/> C. 3 <input checked="" type="checkbox"/> D. 6
Q.43	In a triangle MNR, the bisectors of $\angle MNR$ and $\angle MRN$ are respectively NO and RO, which intersect at O. If $\angle M = 60^\circ$ and $\angle MRN = 66^\circ$, then the value of $\angle RON$ is:
Ans	<input checked="" type="checkbox"/> A. 30° <input checked="" type="checkbox"/> B. 130° <input checked="" type="checkbox"/> C. 110° <input checked="" type="checkbox"/> D. 120°
Q.44	The sum of the first 11 prime numbers is:
Ans	<input checked="" type="checkbox"/> A. 162 <input checked="" type="checkbox"/> B. 165 <input checked="" type="checkbox"/> C. 164 <input checked="" type="checkbox"/> D. 160
Q.45	$\frac{1}{20}$ is what percentage of $\frac{10}{30}$?
Ans	<input checked="" type="checkbox"/> A. 15% <input checked="" type="checkbox"/> B. 35% <input checked="" type="checkbox"/> C. 25% <input checked="" type="checkbox"/> D. 30%
Q.46	A train travels at a speed of 72 km/hr. How long will it take to cover a distance of 180 km?
Ans	<input checked="" type="checkbox"/> A. 2.1 hours <input checked="" type="checkbox"/> B. 2.5 hours <input checked="" type="checkbox"/> C. 2.4 hours <input checked="" type="checkbox"/> D. 2.7 hours
Q.47	The selling price of an iPhone is ₹3,300, after allowing two successive discounts of 36% and 25%. Find the marked price of the iPhone.
Ans	<input checked="" type="checkbox"/> A. ₹6,875 <input checked="" type="checkbox"/> B. ₹6,815 <input checked="" type="checkbox"/> C. ₹6,983 <input checked="" type="checkbox"/> D. ₹6,769

Q.48	At present, the ratio of the ages of Meena and Sita is 5 : 4 and sixteen years from now, the ratio will get changed to 9 : 8. Find the present age of Meena.
Ans	<input checked="" type="checkbox"/> A. 20 years <input checked="" type="checkbox"/> B. 21 years <input checked="" type="checkbox"/> C. 23 years <input checked="" type="checkbox"/> D. 22 years
Q.49	If the mode of a data exceeds its mean by 27.3, then the mode exceeds the median by _____. (Use empirical formula to find the answer.)
Ans	<input checked="" type="checkbox"/> A. 27.1 <input checked="" type="checkbox"/> B. 18.2 <input checked="" type="checkbox"/> C. 24.9 <input checked="" type="checkbox"/> D. 15.8
Q.50	The monthly incomes of two friends Shivam and Rupesh, are in the ratio 5 : 8, respectively, and each of them saves ₹81,000 every month. If the ratio of their monthly expenditure is 1 : 4, find the monthly income of Shivam (in ₹).
Ans	<input checked="" type="checkbox"/> A. 1,41,750 <input checked="" type="checkbox"/> B. 1,02,250 <input checked="" type="checkbox"/> C. 1,01,250 <input checked="" type="checkbox"/> D. 1,00,250

Section : General Intelligence and Reasoning

Q.51	Which numbers should come in place of the question mark (?) in the same sequence to make the series logically complete? 2, 5 7, 10 , 14, 17, 23, 26 34 ? 47 ?
Ans	<input checked="" type="checkbox"/> A. 33, 50 <input checked="" type="checkbox"/> B. 37, 50 <input checked="" type="checkbox"/> C. 33, 51 <input checked="" type="checkbox"/> D. 34, 50
Q.52	Piyush starts from Point A and drives 8 km towards east. He then takes a right turn, drives 6 km, turns right and drives 11 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	<input checked="" type="checkbox"/> A. 4 km to the north <input checked="" type="checkbox"/> B. 5 km to the north <input checked="" type="checkbox"/> C. 4 km to the south <input checked="" type="checkbox"/> D. 5 km to the south
Q.53	Seven people B, C, D, I, J, K and L are sitting in a straight line facing north. Only two people sit between L and J. Only J sits to the right of D. Only three people sit between D and C. K sits at some place to the left of B but at some place to the right of I. How many people sit between I and B?
Ans	<input checked="" type="checkbox"/> A. One <input checked="" type="checkbox"/> B. Four <input checked="" type="checkbox"/> C. Three <input checked="" type="checkbox"/> D. Two

Q.54	<p>If 'A' stands for 'x', 'B' stands for '÷', 'C' stands for '+' and 'D' stands for '−', then what will come in place of the question mark (?) in the following equation?</p> <p>20 B 5 D 8 A 3 C 14 A 4 = ?</p>	
Ans	<p><input checked="" type="checkbox"/> A. 38 <input checked="" type="checkbox"/> B. 36 <input checked="" type="checkbox"/> C. 34 <input checked="" type="checkbox"/> D. 39</p>	
Q.55	<p>In a certain code language 'VACP' is coded as '126' and 'MHTJ' is coded as '153'. What is the code for 'OGQE' in the given language?</p>	
Ans	<p><input checked="" type="checkbox"/> A. 135 <input checked="" type="checkbox"/> B. 132 <input checked="" type="checkbox"/> C. 129 <input checked="" type="checkbox"/> D. 140</p>	
Q.56	<p>A, B, C, D, E and F are sitting around a circular table facing the centre. D sits third to the right of F. A sits second to the left of F. E sits second to the right of B. C sits to the immediate right of E. How many people sit between A and C when counted from the left of A?</p>	
Ans	<p><input checked="" type="checkbox"/> A. None <input checked="" type="checkbox"/> B. One <input checked="" type="checkbox"/> C. Two <input checked="" type="checkbox"/> D. Four</p>	
Q.57	<p>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.)</p>	
Ans	<p><input checked="" type="checkbox"/> A. QOP <input checked="" type="checkbox"/> B. SRR <input checked="" type="checkbox"/> C. MKL <input checked="" type="checkbox"/> D. ECD</p>	
Q.58	<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.</p> <p>(Left) 9 1 6 7 7 2 8 3 4 3 3 2 7 9 9 9 5 4 6 7 3 6 3 (Right)</p> <p>How many such even digits are there, each of which is immediately preceded by an odd digit and also immediately followed by an even digit?</p>	
Ans	<p><input checked="" type="checkbox"/> A. Two <input checked="" type="checkbox"/> B. Three <input checked="" type="checkbox"/> C. One <input checked="" type="checkbox"/> D. Four</p>	
Q.59	<p>Select the pair that follows the same pattern as the one followed by the two pairs given below. Both pairs follow the same pattern.</p> <p>NKL-HEF AXB-URS</p>	
Ans	<p><input checked="" type="checkbox"/> A. WSS-QNO <input checked="" type="checkbox"/> B. WTU-PNN <input checked="" type="checkbox"/> C. WSS-PMN <input checked="" type="checkbox"/> D. WTU-QNO</p>	

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 machines are tools.
All machines are equipment.
Some equipment are toys.

Conclusions:

(I): Some toys are machines.
(II): Some equipment are tools.

Ans A. Only conclusion (II) follows

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

C. Only conclusion (I) follows

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

Q.61 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?

$$11 \text{ B } 2 \text{ D } 44 \text{ A } 4 \text{ C } 3 = ?$$

Ans A. 11

B. 22

C. 14

D. 17

Q.62 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which is the letter-cluster pair that DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans A. BD - JL

B. CE - KM

C. KM - SV

D. EG - MO

Q.63 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.)

$$23 - 10 - 33$$

$$4 - 13 - 17$$

Ans A. 16 - 20 - 46

B. 49 - 21 - 80

C. 50 - 22 - 72

D. 44 - 20 - 85

Q.64 NKMP is related to TQSV in a certain way based on the English alphabetical order. In the same way, KHJM is related to QNPS. To which of the following is SPRU related, following the same logic?

Ans A. YWWF

B. YVWA

C. YUWA

D. YVXA

Q.65	<p>Six people, A, B, C, D, E and F, are sitting in a row, facing the north. F sits to the immediate left of A. C sits third to the left of D. C is an immediate neighbour of A. B sits to the immediate left of E.</p> <p>How many people sit between E and C?</p>	
Ans	<p><input checked="" type="checkbox"/> A. One</p> <p><input checked="" type="checkbox"/> B. Three</p> <p><input checked="" type="checkbox"/> C. None</p> <p><input checked="" type="checkbox"/> D. Two</p>	
Q.66	<p>What should come in place of the question mark (?) in the given series?</p> <p>53 62 73 86 101 ?</p>	
Ans	<p><input checked="" type="checkbox"/> A. 113</p> <p><input checked="" type="checkbox"/> B. 120</p> <p><input checked="" type="checkbox"/> C. 118</p> <p><input checked="" type="checkbox"/> D. 115</p>	
Q.67	<p>Seven boxes, A, B, C, D, E, F and G, are kept one over the other but not necessarily in the same order. Only two boxes are kept below D. Only one box is kept above G. Only one box is kept between G and C. E is kept immediately above A. F is kept at some place below B. How many boxes are kept above F?</p>	
Ans	<p><input checked="" type="checkbox"/> A. 4</p> <p><input checked="" type="checkbox"/> B. 3</p> <p><input checked="" type="checkbox"/> C. 5</p> <p><input checked="" type="checkbox"/> D. 2</p>	
Q.68	<p>Which of the given letter-number clusters will replace the question mark (?) in the following series to make it logically complete?</p> <p>KR37 MT45 OV53 QX61 ?</p>	
Ans	<p><input checked="" type="checkbox"/> A. SY68</p> <p><input checked="" type="checkbox"/> B. SY69</p> <p><input checked="" type="checkbox"/> C. SZ68</p> <p><input checked="" type="checkbox"/> D. SZ69</p>	
Q.69	<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>Statements: No Porcupines are Bears. All Bears are Leopards. Some Leopards are Jaguars.</p> <p>Conclusions: (I) Some Porcupines are Leopards. (II) Some Bears are Jaguars.</p>	
Ans	<p><input checked="" type="checkbox"/> A. Only conclusion (I) follows.</p> <p><input checked="" type="checkbox"/> B. Both conclusions (I) and (II) follow.</p> <p><input checked="" type="checkbox"/> C. Only conclusion (II) follows.</p> <p><input checked="" type="checkbox"/> D. Neither conclusion (I) nor (II) follows.</p>	

Q.70	<p>Seven boxes, B, D, E, P, S, T and W, are kept one over the other but not necessarily in the same order. Only two boxes are kept between S and D. Only B is kept above T. No box is kept below D. W is kept at some place below P but at some place above E. Which box is kept third above E?</p>
Ans	<p><input checked="" type="checkbox"/> A. B <input checked="" type="checkbox"/> B. W <input checked="" type="checkbox"/> C. P <input checked="" type="checkbox"/> D. T</p>
Q.71	<p>Select the pair that follows the same pattern as the one followed by the two pairs given below. Both pairs follow the same pattern.</p> <p>YZX-WXV XYW-VWU</p>
Ans	<p><input checked="" type="checkbox"/> A. TUS-QSP <input checked="" type="checkbox"/> B. TUS-RSQ <input checked="" type="checkbox"/> C. TTQ-RSQ <input checked="" type="checkbox"/> D. TTQ-QRP</p>
Q.72	<p>In the following series, numbers are written using some special pattern but one number is incorrect. That INCORRECT number is:</p> <p>10, 27, 78, 233, 690, 2067</p>
Ans	<p><input checked="" type="checkbox"/> A. 2067 <input checked="" type="checkbox"/> B. 233 <input checked="" type="checkbox"/> C. 78 <input checked="" type="checkbox"/> D. 10</p>
Q.73	<p>In a certain code language, A \pm B means 'A is the wife of B', A * B means 'A is the son of B', A \mathbb{R} B means 'A is the father of B', and A # B means 'A is the sister of B'.</p> <p>How is D related to O if 'D # R * A \mathbb{R} C \pm O'?</p>
Ans	<p><input checked="" type="checkbox"/> A. Wife's sister <input checked="" type="checkbox"/> B. Sister <input checked="" type="checkbox"/> C. Wife <input checked="" type="checkbox"/> D. Mother's sister</p>
Q.74	<p>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.)</p> <p>(Left) 1 5 3 7 2 8 4 9 6 1 3 7 5 4 2 8 9 6 3 7 1 5 4 9 8 2 6 (Right)</p> <p>How many such odd numbers are there, each of which is immediately preceded by an odd number and also immediately followed by an odd number?</p>
Ans	<p><input checked="" type="checkbox"/> A. More than three <input checked="" type="checkbox"/> B. Two <input checked="" type="checkbox"/> C. One <input checked="" type="checkbox"/> D. Three</p>

Q.75 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) 2 1 7 7 9 6 9 1 3 7 9 6 4 2 8 1 5 7 1 4 5 (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. 4

B. 3

C. 1

D. 2

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

$$24 \times 3 + 6 - 2 \div 8 = ?$$

Ans A. 11

B. 15

C. 7

D. 4

Q.77 Refer to the given number, symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) £ 9 \$ £ £ % € 6 3 3 1 8 & 3 © # * 7 * & 3 & (Right)

How many such symbols are there, each of which is immediately preceded by a number and also immediately followed by a number?

Ans A. 2

B. 1

C. 3

D. 0

Q.78 In a certain code language, 'are you ready' is coded as 'nb uc jp' and 'do you agree' is coded as 'jh jp ko'. How is 'you' coded in that language? (All codes are two-letter codes.)

Ans A. qc

B. nb

C. ko

D. jp

Q.79 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

PSJ NQH LOF JMD ?

Ans A. HKA

B. HLB

C. HKB

D. HLA

Q.80 Mr. Akai starts from Point A and drives 15 km towards west. He then takes a left turn, drives 11 km, turns left and drives 50 km. He then takes a left turn, drives 31 km, turns left and drives 17 km. He then takes a left turn and drives 15 km. He takes a final right turn, drives 18 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. 5 km to the west
- B. 5 km to the south
- C. 5 km to the north
- D. 7 km to the north

Section : General Awareness and Current Affairs

Q.81 Who among the following were the recipients of the 2025 Sakharov Prize for Freedom of Thought?

Ans

- A. Sunil Amirth and Masaki Kashiwara
- B. Andrzej Poczobut and Mzia Amaglobeli
- C. Dr. Sonali Ghosh and Peter Howitt
- D. Joel Mokyr and Philippe Aghion

Q.82 In September 2025, the Supreme Court directed the Election Commission of India to treat which of the following documents as the 12th valid proof of identity for inclusion in Bihar's revised voters' list?

Ans

- A. Employment Card
- B. Health ID
- C. PAN Card
- D. Aadhaar Card

Q.83 Which organisation released the 'Global Risks Report, 2025', outlining geopolitical, environmental and technological threats?

Ans

- A. International Monetary Fund (IMF)
- B. Organisation for Economic Co-operation and Development (OECD)
- C. United Nations Development Programme (UNDP)
- D. World Economic Forum (WEF)

Q.84 In July 2025, the Union Environment ministry notified which of the following rules aimed at ensuring the remediation of chemically contaminated sites by those responsible for the contamination?

Ans

- A. Environmental Restoration and Management (Pollution Control) Rules, 2025
- B. Hazardous Waste and Remediation Management Rules, 2025
- C. Environment Protection (Management of Contaminated Sites) Rules, 2025
- D. Comprehensive Environmental Response, Compensation, and Liability Rules, 2025

Q.85 What is the percentage of the population with access to clean fuels and technology for cooking in the Sustainable Development Report 2025?

Ans

- A. 74%
- B. 79%
- C. 83%
- D. 89.3%

Q.86	What poverty rate did the State Bank of India project for India in 2024, as reported in June 2025?
Ans	<input checked="" type="checkbox"/> A. 2.6% <input checked="" type="checkbox"/> B. 1.6% <input checked="" type="checkbox"/> C. 3.6% <input checked="" type="checkbox"/> D. 4.6%
Q.87	In September 2025, which company did BCCI announce as Team India's new lead sponsor?
Ans	<input checked="" type="checkbox"/> A. Apollo Tyres <input checked="" type="checkbox"/> B. MPL Sports <input checked="" type="checkbox"/> C. Byju's <input checked="" type="checkbox"/> D. Dream11
Q.88	When was the Union Budget 2025–26 presented in Parliament by Finance Minister Nirmala Sitharaman?
Ans	<input checked="" type="checkbox"/> A. 2 February 2025 <input checked="" type="checkbox"/> B. 31 January 2025 <input checked="" type="checkbox"/> C. 1 February 2025 <input checked="" type="checkbox"/> D. 3 February 2025
Q.89	Which co-operative bank's licence was cancelled by the Reserve Bank of India (RBI) in May 2025 for capital shortfall?
Ans	<input checked="" type="checkbox"/> A. HCBL Co-operative Bank <input checked="" type="checkbox"/> B. Punjab and Maharashtra Co-operative Bank <input checked="" type="checkbox"/> C. Ajantha Urban Co-operative Bank <input checked="" type="checkbox"/> D. Seva Vikas Co-operative Bank
Q.90	How many consecutive Australian Open titles has Jannik Sinner won as of 2025?
Ans	<input checked="" type="checkbox"/> A. Three <input checked="" type="checkbox"/> B. Four <input checked="" type="checkbox"/> C. One <input checked="" type="checkbox"/> D. Two
Q.91	Why was the book 'Heart Lamp' considered unique in Booker history and won the International Booker Prize in 2025?
Ans	<input checked="" type="checkbox"/> A. First poetry book <input checked="" type="checkbox"/> B. First short story collection to win <input checked="" type="checkbox"/> C. First biography <input checked="" type="checkbox"/> D. First children's book
Q.92	Where was the National Cross-Country Championships held on January 12, 2025?
Ans	<input checked="" type="checkbox"/> A. Rajasthan <input checked="" type="checkbox"/> B. Uttar Pradesh <input checked="" type="checkbox"/> C. Karnataka <input checked="" type="checkbox"/> D. Gujarat

Q.93	As per the PIB report, which of the following National Telemedicine Services has served more than 36 crore patients through teleconsultation by 6 April 2025?
Ans	<input checked="" type="checkbox"/> A. U-WIN <input checked="" type="checkbox"/> B. T-SeHAT <input checked="" type="checkbox"/> C. eSanjeevani <input checked="" type="checkbox"/> D. mHealth
Q.94	Which of the following Indian states had the honour of hosting the 38 th National Games in 2025?
Ans	<input checked="" type="checkbox"/> A. Karnataka <input checked="" type="checkbox"/> B. Uttarakhand <input checked="" type="checkbox"/> C. Maharashtra <input checked="" type="checkbox"/> D. Goa
Q.95	Which of the following age groups is targeted under the Nurturing Aspirations through Vocational Training for Young Adolescent Girls programme, jointly launched by the Ministry of Women and Child Development and the Ministry of Skill Development and Entrepreneurship in June 2025?
Ans	<input checked="" type="checkbox"/> A. 16 to 18 years <input checked="" type="checkbox"/> B. 10 to 14 years <input checked="" type="checkbox"/> C. 12 to 16 years <input checked="" type="checkbox"/> D. 18 to 21 years
Q.96	Where was the 19 th India Digital Summit (IDS) 2025 held?
Ans	<input checked="" type="checkbox"/> A. Ahmedabad <input checked="" type="checkbox"/> B. Jaipur <input checked="" type="checkbox"/> C. Chennai <input checked="" type="checkbox"/> D. New Delhi
Q.97	According to the Sustainable Development Report 2025, what is the percentage of seats held by women in the Indian parliament?
Ans	<input checked="" type="checkbox"/> A. 13.8% <input checked="" type="checkbox"/> B. 19.7% <input checked="" type="checkbox"/> C. 28.2% <input checked="" type="checkbox"/> D. 23.9%
Q.98	Which world champion pole-vaulter cleared 6.28 m, setting a new world record at the Stockholm Diamond League?
Ans	<input checked="" type="checkbox"/> A. Ernest John Obiena <input checked="" type="checkbox"/> B. Kurtis Marschall <input checked="" type="checkbox"/> C. Sam Kendricks <input checked="" type="checkbox"/> D. Mondo Duplantis
Q.99	Which of the following schemes, announced by the Government of India, has a total outlay of ₹1 lakh crore to support high-risk, high-impact research and innovation projects across science & technology disciplines?
Ans	<input checked="" type="checkbox"/> A. National Science & Technology Fund <input checked="" type="checkbox"/> B. Research, Development & Innovation Scheme <input checked="" type="checkbox"/> C. Atmanirbhar Bharat R&D Programme <input checked="" type="checkbox"/> D. Digital India Innovation Fund

Q.100	Which of the following telecom providers introduced the soft launch of their homegrown Quantum 5G Fixed-Wireless-Access (FWA) system in Hyderabad on 18 June 2025?
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Ans A. Bharti Airtel

B. Bharat Sanchar Nigam Limited

C. Vodafone Idea

D. Reliance Jio

