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सत्यमेव जयते

रेलवे भर्ती बोर्ड / RAILWAY RECRUITMENT BOARD

सी०ई०एन० ०८/२०२४ -7 वें सीपीसी वेतन मैट्रिक्स के लेवल १ में विभिन्न पदों हेतु

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

Test Date	28/11/2025
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 When solid lead(II) nitrate is heated, a yellow residue (PbO) is left behind and two gases are evolved — one is reddish-brown and the other supports combustion. Which gases are evolved?

Ans
- ✔ A. Nitrogen dioxide and oxygen
- ✘ B. Nitric oxide and oxygen
- ✘ C. Nitrogen gas and carbon dioxide
- ✘ D. Nitrogen dioxide and hydrogen

Q.2 As Newton is to weight, _____ is to pressure.

Ans
- ✔ A. Pascal
- ✘ B. Kilogram
- ✘ C. Kelvin
- ✘ D. Kilogram per cubic metre

Q.3 In Mendel's experiment, what did he observe in the F1 generation when he crossed a tall (TT) and a short pea (tt) plant?

Ans
- ✘ A. All were short
- ✘ B. Half were tall, half was short
- ✔ C. All were tall
- ✘ D. All were medium height

Q.4 A fluid filled in a container exerts pressure _____ at the same height.

Ans
- ✘ A. only downward
- ✔ B. equally in all directions of the container
- ✘ C. only upward
- ✘ D. only on the sides

Q.5 Which of the following metals reacts most vigorously with water?

Ans
- ✘ A. Iron
- ✔ B. Sodium
- ✘ C. Lead
- ✘ D. Zinc

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Q.6 Work done by a force is said to be positive when:

Ans
- ✗ A. the displacement of the body is zero
- ✗ B. the angle between force and displacement is 90°
- ✗ C. the force opposes the motion of the body
- ✓ D. the force has a component in the direction of displacement

Q.7 How is molecular mass calculated?

Ans
- ✓ A. Adding all atomic masses of the atoms in molecule
- ✗ B. Adding all atomic volumes of the atoms present
- ✗ C. By squaring atomic numbers of all elements
- ✗ D. Multiplying atomic radii of constituent elements

Q.8 Colloidal particles are separated by:

Ans
- ✗ A. boiling
- ✓ B. centrifugation
- ✗ C. filtration
- ✗ D. recrystallisation

Q.9 Which of the following statements are NOT true regarding the principal axis of a spherical mirror?

(i) It is an imaginary straight line passing through the pole and the centre of curvature of a spherical mirror.
(ii) Principal axis is normal to the mirror at its pole.
(iii) A ray parallel to the principal axis after reflection from the mirror passes through the centre of curvature of the mirror.
(iv) The focus of a spherical mirror does not lie on its principal axis.

Ans
- ✗ A. Both (i) and (ii)
- ✗ B. Both (ii) and (iii)
- ✓ C. Both (iii) and (iv)
- ✗ D. Both (i) and (iv)

Q.10 How does the sound of a patient's heartbeat travel from the chest piece to the doctor's ear through a stethoscope?

Ans
- ✗ A. By conversion to electrical signals
- ✓ B. By multiple reflection of sound
- ✗ C. By refraction of sound waves
- ✗ D. By direct transmission without reflection

Q.11 What is the purpose of a plug key in an electrical circuit?

Ans
- ✗ A. It measures the current flowing through a circuit.
- ✓ B. It helps in connecting and disconnecting a circuit.
- ✗ C. It measures the potential difference in a circuit.
- ✗ D. It provides potential difference in a circuit.

Q.12 The shortest distance between the initial and final positions of an object is called _____.

Ans
- ✗ A. distance
- ✗ B. acceleration
- ✗ C. speed
- ✓ D. displacement

Q.13 **At higher levels of the atmosphere, which of the following shields the surface of the earth from ultraviolet radiation?**

Ans
- ✔ A. Ozone
- ✘ B. Nitrogen
- ✘ C. Carbon
- ✘ D. Hydrogen

Q.14 **Which of the following statements about cell size is correct?**

Ans
- ✘ A. Cell size is always large in multicellular organisms.
- ✘ B. Cell size depends on the number of nuclei.
- ✘ C. All cells are of the same size in all organisms.
- ✔ D. Cell size is related to its function, not the size of the organism.

Q.15 **Match the common name of the bee with its scientific name.**

Column I (Common Name).	Column II (Scientific Name)
1. Indian bee	A. Apis mellifera
2. Rock bee	B. Apis cerana indica
3. Little bee	C. Apis dorsata
4. Italian bee	D. Apis florae

Ans
- ✘ A. 1-C, 2-D, 3-B, 4-A
- ✔ B. 1-B, 2-C, 3-D, 4-A
- ✘ C. 1-A, 2-B, 3-C, 4-D
- ✘ D. 1-D, 2-A, 3-C, 4-B

Q.16 **Which of the following correctly describes how potential difference between two points is calculated?**

Ans
- ✘ A. Potential difference = Charge × Work done
- ✘ B. Potential difference = Work done × Potential energy
- ✔ C. Potential difference = Work done ÷ Charge
- ✘ D. Potential difference = Charge ÷ Work done

Q.17 **Which organelle is called the 'suicidal bag' of the cell?**

Ans
- ✘ A. Ribosome
- ✘ B. Golgi body
- ✘ C. Mitochondria
- ✔ D. Lysosome

Q.18 **A person pushes a massive, stationary object (like a parked truck) with force F. The object pushes back with force −F. Why does the object NOT accelerate if the reaction force is equal and opposite, as suggested by the Third Law?**

Ans
- ✘ A. The net force on the object is zero because the action and reaction forces cancel out.
- ✔ B. The action and reaction forces act on different objects, but the static friction on the stationary object balances the applied push force F.
- ✘ C. The forces act instantaneously, preventing momentum change.
- ✘ D. The magnitude of the force F is insufficient to overcome the object's inherent potential energy.

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Q.19 Which one of the following is an advantage of vegetative propagation in flowering plants?

Ans
- ✗ A. They are completely different from their parent plants.
- ✗ B. They can flower and fruit later than those produced by seeds.
- ✓ C. They can flower and fruit earlier than those produced by seeds.
- ✗ D. They can show completely new characters than those produced by seeds.

Q.20 What is the relationship between the incident ray and the emergent ray after light passes through the two parallel opposite faces of a rectangular glass slab?

Ans
- ✓ A. The emergent ray is parallel to the direction of the incident ray, but shifted sideward slightly
- ✗ B. The emergent ray converges to a point on the principal axis
- ✗ C. The emergent ray is reflected back along the path of the incident ray
- ✗ D. The emergent ray is perpendicular to the incident ray

Q.21 Which of the following methods is commonly used to prevent the corrosion of iron?

Ans
- ✓ A. Coating the metal with paint or oil
- ✗ B. Heating the metal repeatedly
- ✗ C. Cooling the metal with water regularly
- ✗ D. Dissolving the metal in acid

Q.22 Which of the following is NOT a contraceptive method?

Ans
- ✗ A. Preventing sperm from reaching the egg by using condoms
- ✓ B. Aborting the foetus
- ✗ C. Inserting Copper-T into the uterus
- ✗ D. Altering hormonal balance to prevent release of eggs from the ovary

Q.23 Which of the following meristems is responsible for the lengthwise growth at the ends of shoots and roots?

Ans
- ✗ A. Intercalary meristem
- ✗ B. Lateral meristem
- ✗ C. Permanent meristem
- ✓ D. Apical meristem

Q.24 Which of the following metallic oxides can be reduced to metals by heating alone?

Ans
- ✗ A. Manganese oxide
- ✓ B. Mercuric oxide
- ✗ C. Iron (III) oxide
- ✗ D. Zinc oxide

Q.25 Which process is used to prepare sodium hydroxide from brine?

Ans
- ✗ A. Haber process
- ✗ B. Solvay process
- ✗ C. Thermal decomposition of NaCl
- ✓ D. Electrolysis of brine

Section : **Mathematics**

Q.26 $\frac{1}{20}$ is what percentage of $\frac{2}{80}$?

Ans
✗ A. 400%
✗ B. 210%
✓ C. 200%
✗ D. 215%

Q.27 Paul, Ryan and Max can finish a certain piece of work in 15, 14 and 21 days, respectively. All three of them started the work together. Paul left the work after 5 days and Ryan left just 3 days before the work was completed. Find the total number of days taken for the work to be completed.

Ans
✗ A. 10.1
✗ B. 3.7
✓ C. 7.4
✗ D. 11.2

Q.28 A sum of money was invested at simple interest at a certain rate for 3 years. Had it been invested at a 4% per annum higher rate, it would have fetched ₹360 more. Find the principal.

Ans
✗ A. ₹3,200
✗ B. ₹2,800
✓ C. ₹3,000
✗ D. ₹3,500

Q.29 For a trip of 600 km, a truck travels the first 300 km at a speed of 40 km/hr. At what speed (in km/hr) should it cover the remaining distance, so that the average speed is 70 km/hr?

Ans
✗ A. 255
✗ B. 260
✓ C. 280
✗ D. 295

Q.30 The average of first 9 multiples of 4 is:

Ans
✓ A. 20
✗ B. 4
✗ C. 9
✗ D. 18

Q.31 A cubical block of wood of side 14 cm is surmounted by a hemisphere of the largest possible diameter. What is the total surface area (in cm^2) of the solid thus formed?

$(\text{Use } \pi = \frac{22}{7})$

Ans
✗ A. 1484
✓ B. 1330
✗ C. 1296
✗ D. 1176

Q.32 The sum of two numbers is 26. The bigger number is greater than the smaller number by 4. Find the bigger number.

Ans
✗ A. 21
✓ B. 15
✗ C. 18
✗ D. 13

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Q.33 A, B and C can complete a piece of work in 3, 5 and 15 days, respectively. How long (in days) will they take to complete thrice the same work, working together?

Ans
- ✗ A. 10
- ✓ B. 5
- ✗ C. 15
- ✗ D. 6

Q.34 P is any point inside the rectangle ABCD. If PA = 73 cm, PB = 57 cm and PC = 99 cm, then the length of PD (in cm) is equal to:

Ans
- ✗ A. 112
- ✗ B. 105
- ✓ C. 109
- ✗ D. 103

Q.35 The arithmetic mean of the observations 29, 48, 65, 32, 72, 63, 64, 18 and 14 is:

Ans
- ✗ A. 38
- ✓ B. 45
- ✗ C. 40
- ✗ D. 43

Q.36 Simplify the given expression.

18 + 3 of (24 ÷ 8 × 2) − 6

Ans
- ✗ A. 16.5
- ✓ B. 30
- ✗ C. 24
- ✗ D. 36

Q.37 Nishi travels to a shopping mall at a speed of 21 km/hr and returns at a speed of 77 km/hr. What is her average speed (in km/hr) for the entire journey?

Ans
- ✓ A. 33
- ✗ B. 39
- ✗ C. 34
- ✗ D. 23

Q.38 The diagonals of a rhombus are in the ratio 3 : 4, and the perimeter is 100 cm. Find the area (in cm^2) of the rhombus.

Ans
- ✗ A. 625
- ✓ B. 600
- ✗ C. 550
- ✗ D. 650

Q.39 Smart Bazaar is offering Buy 16, get 9 free on household items. What is the net percentage discount being offered by the Smart Bazaar?

Ans
- ✗ A. 33%
- ✗ B. 39%
- ✓ C. 36%
- ✗ D. 34%

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Q.40 The ratio of the present ages of Anu and Bina is 4 : 5. After 6 years from now, the ratio becomes 5 : 6. Find Bina's present age (in years).

Ans
- ✗ A. 25
- ✓ B. 30
- ✗ C. 32
- ✗ D. 20

Q.41 If a seven-digit number 78p3945 is divisible by 11, then the value of 'p' is:

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

Q.42 The cost of a washing machine is 50% less than the cost of a TV. If the cost of the washing machine increases by 60% and that of the TV decreases by 11%, what is the percentage change in the total cost of 6 washing machines and 2 TVs?

Ans
- ✗ A. Decrease by 33%
- ✗ B. Decrease by 29%
- ✓ C. Increase by 31.6%
- ✗ D. Increase by 26%

Q.43 Find the value of $x^2 + 3x + 5$ when $x + 2$.

Ans
- ✗ A. 17
- ✗ B. 19
- ✗ C. 13
- ✓ D. 15

Q.44 If 50% of 20% of $\frac{2}{3}$ of a number is 686, find the number.

Ans
- ✓ A. 10290
- ✗ B. 10150
- ✗ C. 11840
- ✗ D. 14190

Q.45 A sum of money is to be distributed among A, B, C and D in the ratio of 17 : 3 : 9 : 6. If C gets ₹294 more than B, then how much did A receive?

Ans
- ✓ A. ₹833
- ✗ B. ₹834
- ✗ C. ₹836
- ✗ D. ₹835

Q.46 The marked price of a bookshelf is ₹572, which is 40% above the cost price. If the profit percentage is 2%, find the discount percentage (rounded off to two decimal places).

Ans
- ✓ A. 27.14%
- ✗ B. 25.22%
- ✗ C. 29.72%
- ✗ D. 28.83%

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Q.47 2 men can do a piece of work in 2 days. How many men will do it in 4 days?

Ans
- ✗ A. 2
- ✓ B. 1
- ✗ C. 3
- ✗ D. 4

Q.48 A metal rod is divided into three parts, A, B and C. The lengths of A and B are in the ratio 9 : 14, while the lengths of C and B are in the ratio 10 : 13. If the difference between the lengths of A and C is 23 cm, find the total length (in cm) of the metal rod.

Ans
- ✓ A. 439
- ✗ B. 424
- ✗ C. 455
- ✗ D. 429

Q.49 Ranjeet sold an article for ₹582, earning a profit of 20%. What was the cost price (in ₹) of the article?

Ans
- ✗ A. 480
- ✗ B. 490
- ✓ C. 485
- ✗ D. 495

Q.50 Find the value of $\sin 45^\circ \times \operatorname{cosec} 45^\circ$.

Ans
- ✗ A. $\sqrt{2}$
- ✗ B. $\frac{1}{\sqrt{2}}$
- ✗ C. 0
- ✓ D. 1

Section : General Intelligence and Reasoning

Q.51 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) 6 1 7 6 8 5 2 7 6 9 2 3 4 8 3 6 2 5 9 4 1 7 6 8 3 1 9 (Right)

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

Ans
- ✗ A. Three
- ✗ B. One
- ✓ C. More than three
- ✗ D. Two

Q.52 Find the missing number in the series 4, 16, 36, 64, 100, ?

Ans
- ✗ A. 120
- ✓ B. 144
- ✗ C. 150
- ✗ D. 100

Q.53 In a certain code language,
A + B means 'A is the son of B',
A - B means 'A is the brother of B',
A x B means 'A is the wife of B', and
A ÷ B means 'A is the father of B'.

Based on the above, how is D related to J if 'D x F - G ÷ H + J'?

Ans
✗ A. Husband's brother's daughter
✗ B. Brother's wife
✗ C. Brother's daughter
✓ D. Husband's brother's wife

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:
Some plants are vegetables.
All buds are vegetables.

Conclusions:
(I): Some plants are buds.
(II): All vegetables are buds.

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

PPR MQT JRV GSX ?

Ans
✗ A. DTT
✓ B. DTZ
✗ C. ZDR
✗ D. KJY

Q.56 In a certain code language, 'stop disturbing people' is coded as 'ls ck rp' and 'people need peace' is coded as 'cd ok rp'. How is 'people' coded in that language?

Ans
✗ A. cd
✗ B. ck
✓ C. rp
✗ D. ok

Q.57 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) 5 3 2 9 7 2 4 5 4 3 6 4 3 9 8 3 3 3 2 8 8 9 3 4 5 7 6 (Right)

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

Ans
✗ A. 8
✗ B. 7
✗ C. 9
✓ D. 6

Q.58 Read the given statement(s) and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statement(s).

Statements:
Some cats are pets.
All pets are animals.

Conclusions:
(I) Some cats are animals.
(II) No animals are pets.

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

Q.59 Mr. Zzz starts from Point A and drives 21 km towards the West. He then takes a left turn, drives 5 km, turns right and drives 7 km. He then takes a right turn and drives 11 km. He takes a final right turn, drives 28 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. 6 km to the South
✗ B. 5 km to the North
✗ C. 8 km to the East
✗ D. 7 km to the West

Q.60 Mr. Akai starts from Point A and drives 9 km towards east. He then takes a left turn, drives 7 km, turns left and drives 32 km. He then takes a left turn and drives 18 km. He then takes a left turn, drives 21 km, turns left and drives 5 km. He takes a final right turn, drives 2 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. 6 km to the south
✗ B. 4 km to the north
✗ C. 8 km to the east
✓ D. 6 km to the north

Q.61 What will come in the place of '?' in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged?

114 ÷ 7 - 42 x 2 + 43 = ?

Ans
✗ A. 772
✗ B. 778
✓ C. 776
✗ D. 774

Q.62 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) 4 8 2 8 2 3 8 3 1 3 9 1 7 3 9 7 6 2 6 6 6 8 2 (Right)

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

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

Q.63 Refer to the given number series and answer the question that follows. Counting to be done from left to right only. All numbers are single-digit numbers.
(Left) 3 5 4 9 7 1 1 6 4 2 3 2 3 3 4 2 7 8 6 8 8 5 6 1 2 9 2 (Right)
How many such odd numbers are there each of which is immediately preceded by an odd number and also immediately followed by an even number?

Ans
✗ A. 5
✗ B. 2
✗ C. 4
✓ D. 3

Q.64 In a certain code language, 'way hen wet' is coded as 'ir wj ry' and 'seed desk way' is coded as 'wj kk bm'. How is 'way' coded in that language?

Ans
✗ A. ry
✗ B. kk
✗ C. ir
✓ D. wj

Q.65 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.)

(13, 14, 6)
(39, 28, 25)

Ans
✓ A. (48, 82, 7)
✗ B. (23, 16, 16)
✗ C. (42, 40, 23)
✗ D. (11, 16, 4)

Q.66 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?
DER109, PQD91, BCP73, NOB55, ?

Ans
✗ A. SAN37
✗ B. ZAM37
✓ C. ZAN37
✗ D. ZEN37

Q.67 What will come in place of the question mark (?) in the following equation, if '+' and '–' are interchanged and '×' and '÷' are interchanged?

151 ÷ 5 + 72 × 3 – 17 = ?

Ans
✗ A. 745
✗ B. 746
✗ C. 747
✓ D. 748

Q.68 Seven boxes A, B, C, D, I, J and K are kept one over the other but not necessarily in the same order. Only A is kept above I. Only two boxes are kept between I and C. Only K is kept below J. D is not kept immediately above C. How many boxes are kept between B and K?

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

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Q.69 If + means - , - means x , x means ÷ , ÷ means +, then what will come in place of the question mark (?) in the following equation?

45 – 4 ÷ 4 + 32 x 8 = ?

Ans
- ✔ A. 180
- ✘ B. 178
- ✘ C. 182
- ✘ D. 184

Q.70 ABCD is related to DDJJ in a certain way based on the English alphabetical order. In the same way, MJEB is related to PLLH. To which of the given options is VPZT related, following the same logic?

Ans
- ✘ A. YREW
- ✔ B. YRGZ
- ✘ C. YGHJ
- ✘ D. YRTJ

Q.71 Vinay ranked 48^{th} from the top and 15^{th} from the bottom in his class. How many students are there in his class?

Ans
- ✘ A. 60
- ✘ B. 61
- ✘ C. 63
- ✔ D. 62

Q.72 What should come in place of the question mark (?) in the given series?

68 64 56 44 28 ?

Ans
- ✘ A. 12
- ✔ B. 8
- ✘ C. 18
- ✘ D. 21

Q.73 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. CG – YA
- ✘ B. DH – ZB
- ✘ C. UY – QS
- ✔ D. HL – DE

Q.74 Seven people, A, B, C, D, E, F and G, are sitting in a row, facing north.
Only five people sit between D and F. G sits to the immediate left of F. Only one person sits between G and A. B sits at some place to the left of C but at some place to the right of E.
How many people sit to the right of A?

Ans
- ✔ A. 3
- ✘ B. 1
- ✘ C. 2
- ✘ D. 4

Q.75 What should come in place of the question mark (?) in the given series?

300 285 270 255 240 ?

Ans
✗ A. 221
✗ B. 224
✓ C. 225
✗ D. 223

Q.76 Seven people, A, B, C, D, E, F and G, are sitting in a row, facing north.
Only 2 people sit to the right of F. Only 3 people sit between F and A. Both E and C are immediate neighbours of G. D sits immediately to the left of B. C is not an immediate neighbour of A.
How many people sit between D and E?

Ans
✗ A. 1
✗ B. 4
✓ C. 3
✗ D. 2

Q.77 A, B, C, D, E, F and G are sitting around a circular table facing the centre. D sits second to the left of G. B sits second to the left of D. C sits to the immediate right of A. E sits third to the left of C. How many people sit between E and F when counted from the left of E?

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

Q.78 GL 9 is related to IH -8 in a certain way. In the same way, MR 4 is related to ON -13. To which of the given options is NS 13 related, following the same logic?

Ans
✗ A. LP -5
✗ B. BH -1
✗ C. UH -3
✓ D. PO -4

Q.79 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. JQ - LI
✗ B. LS - OV
✗ C. FM - IP
✗ D. MT - PW

Q.80 HJEI is related to OQLP in a certain way based on the English alphabetical order. In the same way, JLGK is related to QSNR. To which of the following is LNIM related, following the same logic?

Ans
✗ A. USTP
✗ B. USPT
✗ C. SUTP
✓ D. SUPT

Section : **General Awareness and Current Affairs**

Q.81 As announced on June 17, 2025, which of the following institutes have developed a novel one-step colloidal synthesis method for fabricating PEGylated semi-shells (SS) with nano-cup morphology at room temperature to treat cancer?

Ans
- ✗ A. Institute of Nano Science and Technology (INST), Chandigarh
- ✗ B. Institute of Nano Science and Technology (INST), Raebareli
- ✗ C. Institute of Nano Science and Technology (INST), Dehradun
- ✓ D. Institute of Nano Science and Technology (INST), Mohali

Q.82 In July 2025, which of the following states of India launched the Smart Mosquito Surveillance System ("SMoSS"), to track and control mosquito populations more efficiently and safely?

Ans
- ✗ A. Punjab
- ✗ B. Jharkhand
- ✓ C. Andhra Pradesh
- ✗ D. Gujarat

Q.83 Which Indian city was the first to issue a Certified Green Municipal Bond?

Ans
- ✗ A. Chennai
- ✗ B. Kochi
- ✗ C. Indore
- ✓ D. Ghaziabad

Q.84 Which book, launched at the Raisina Dialogue 2025, focuses on water credits as a market-based mechanism for sustainable water management?

Ans
- ✗ A. Memories and Milestones
- ✗ B. Guardian of Heritage
- ✓ C. Trading Blue Gold: A Blueprint for Water Credit Valuation in India
- ✗ D. Sashakt Bharat

Q.85 Who is the director of the movie Chhaava, which was released in February 2025?

Ans
- ✗ A. Prithviraj Sukumaran
- ✓ B. Laxman Utekar
- ✗ C. Anurag Kashyap
- ✗ D. Fahadh Faasil

Q.86 As per Ministry of Earth Sciences, the number of seismic observatories in India increased from 80 in 2014 to how many in February 2025?

Ans
- ✗ A. 98
- ✓ B. 168
- ✗ C. 142
- ✗ D. 118

Q.87 In June 2025, a stampede occurred near which stadium in Bengaluru?

Ans
- ✓ A. M Chinnaswamy Stadium
- ✗ B. Rajiv Gandhi International Stadium
- ✗ C. MA Chidambaram Stadium
- ✗ D. Barabati Stadium

Q.88 Who won the Women's Singles title at the Australian Open 2025?

Ans
- ✗ A. Iga Swiatek
- ✗ B. Coco Gauff
- ✓ C. Madison Keys
- ✗ D. Aryna Sabalenka

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Q.89 The Karnataka Amendment Bill, 2025 proposes punishment for what practice, even before an actual child marriage takes place?

Ans
- ✗ A. Minor adoption
- ✗ B. Minor migration
- ✓ C. Minor engagement
- ✗ D. Minor labour

Q.90 According to Union Budget 2025–26, which mission was launched to document and conserve India's manuscript heritage?

Ans
- ✓ A. Gyan Bharatam Mission
- ✗ B. Granth Sanrakshan Abhiyan
- ✗ C. Kala Sampada Mission
- ✗ D. Saraswati Archive Project

Q.91 The 32nd Elets World Education Summit was hosted by which country in April 2025?

Ans
- ✗ A. India
- ✓ B. United Arab Emirates
- ✗ C. South Africa
- ✗ D. United Kingdom

Q.92 According to the 'Ramsar Information Sheet' published in February 2025, which bird sanctuary in Tamil Nadu has been designated as a Ramsar site?

Ans
- ✗ A. Okhla Bird Sanctuary
- ✓ B. Sakkarakottai Bird Sanctuary
- ✗ C. Manjira Bird Sanctuary
- ✗ D. Kolleru Bird Sanctuary

Q.93 Who threw 90.23 m in javelin at the Doha Diamond League, 2025, setting a record?

Ans
- ✗ A. Sachin Yadav
- ✗ B. Shivpal Singh
- ✓ C. Neeraj Chopra
- ✗ D. Annu Rani

Q.94 Who presided over the 10th Governing Council Meeting of NITI Aayog in New Delhi on 24 May 2025?

Ans
- ✗ A. Smt. Nirmala Sitharaman
- ✗ B. Shri. Amit Shah
- ✓ C. Shri. Narendra Modi
- ✗ D. Shri. Rajnath Singh

Q.95 In 2025, which male field athlete joined Usain Bolt as the only track-and-field winners of Laureus Sportsman of the Year?

Ans
- ✓ A. Mondo Duplantis
- ✗ B. Novák Djokovic
- ✗ C. Max Verstappen
- ✗ D. Carlos Alcaraz

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Q.96 In September 2025, which region planned to establish a dedicated women police station in each district for enhanced safety?

Ans
- ✗ A. Each District in Uttar Pradesh
- ✓ B. Each of Delhi's 15 Districts
- ✗ C. All Districts of West Bengal
- ✗ D. Mumbai Suburban District

Q.97 According to a news update on 9 June 2025, the High Seas Treaty will enter into force 120 days after it is ratified by how many countries?

Ans
- ✗ A. 75
- ✗ B. 30
- ✓ C. 60
- ✗ D. 45

Q.98 What is the name of the weapon system engineered to neutralise threats posed by coordinated drone swarms, which was successfully developed and tested by Solar Defense and Aerospace Limited (SDAL) in May 2025?

Ans
- ✗ A. Bheemastra
- ✓ B. Bhargavastra
- ✗ C. Brahmastra
- ✗ D. Shivastra

Q.99 During WAVES 2025, Odisha CM mentioned India's indigenous sports gaining global recognition. Which summit was this statement made at?

Ans
- ✗ A. Khelo India Youth Games
- ✗ B. Global Sports Expo India
- ✓ C. World Audio Visual and Entertainment Summit
- ✗ D. Bharat Sports Conclave

Q.100 What is the revised policy repo rate announced by the Reserve Bank of India in April 2025?

Ans
- ✗ A. 6.50%
- ✓ B. 6.00%
- ✗ C. 5.75%
- ✗ D. 6.25%

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