



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



Test Date	06/02/2026
Test Time	9:00 AM - 10:30 AM
Subject	RRB Level 01 Stage I

* Note

Correct Answer will carry 1 mark per Question.

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

1. Options shown in green color with a tick icon are correct.

2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : General Science

Q.1	Which of the following statements about Newton's third law of motion is incorrect?
Ans	<input checked="" type="checkbox"/> A. When one object exerts a force on another, the second object exerts an equal and opposite force back. <input checked="" type="checkbox"/> B. The forces are equal in magnitude but opposite in direction. <input checked="" type="checkbox"/> C. The forces act simultaneously on two different objects. <input checked="" type="checkbox"/> D. The action and reaction forces act on the same object.
Q.2	Which part of the brain is primarily responsible for higher-level thought processes and complex interpretation of sensory information?
Ans	<input checked="" type="checkbox"/> A. The brainstem <input checked="" type="checkbox"/> B. The cerebellum <input checked="" type="checkbox"/> C. The spinal cord <input checked="" type="checkbox"/> D. The forebrain
Q.3	In a large population of sweet pea plants growing in stable conditions, which of the following best explains why genetic variation through sexual reproduction is still crucial for their long-term survival?
Ans	<input checked="" type="checkbox"/> A. Sweet pea plants reproduce faster sexually than asexually, ensuring more biomass production. <input checked="" type="checkbox"/> B. Genetic variation ensures uniform flower color and height across future generations. <input checked="" type="checkbox"/> C. Variation helps sweet pea plants avoid cross-pollination, maintaining purity of the parental line. <input checked="" type="checkbox"/> D. Hidden (recessive) alleles in sweet peas may offer resistance against future environmental stress.
Q.4	The resistance of a metal wire of length 2 m is 10Ω at 25°C . If the diameter of the wire is 0.4 mm, what will be the resistivity of the metal at that temperature? [Given, $\pi = 3.14$]
Ans	<input checked="" type="checkbox"/> A. $3.6 \times 10^{-6} \Omega\text{m}$ <input checked="" type="checkbox"/> B. $1.55 \times 10^{-6} \Omega\text{m}$ <input checked="" type="checkbox"/> C. $6.3 \times 10^{-5} \Omega\text{m}$ <input checked="" type="checkbox"/> D. $6.3 \times 10^{-7} \Omega\text{m}$
Q.5	Which component of blood serves as the fluid matrix in which cells are suspended?
Ans	<input checked="" type="checkbox"/> A. White blood cells <input checked="" type="checkbox"/> B. Platelets <input checked="" type="checkbox"/> C. Plasma <input checked="" type="checkbox"/> D. Red blood cells



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Q.6	Which of the following feature enables muscular tissue to produce movement in animals?
Ans	<input checked="" type="checkbox"/> A. Presence of contractile proteins <input checked="" type="checkbox"/> B. Ability to transmit nerve impulses <input checked="" type="checkbox"/> C. Storage of fat droplets <input checked="" type="checkbox"/> D. Secretion of digestive enzymes
Q.7	In plants that reproduce by budding, which process directly initiates the formation of a new individual?
Ans	<input checked="" type="checkbox"/> A. Development of seeds from flowers <input checked="" type="checkbox"/> B. Fusion of gametes from different individuals <input checked="" type="checkbox"/> C. Localized repeated cell division at a specific site <input checked="" type="checkbox"/> D. Random cell death in tissues
Q.8	A student wants to separate a heterogeneous mixture of mud and water collected from a pond. Based on your understanding of mixtures, which method would be most effective and why?
Ans	<input checked="" type="checkbox"/> A. Filtration, because the solid particles in mud are not dissolved in water <input checked="" type="checkbox"/> B. Evaporation, because it removes the solvent <input checked="" type="checkbox"/> C. Chromatography, because it separates based on movement in a medium <input checked="" type="checkbox"/> D. Distillation, because it separates based on boiling points
Q.9	A wire of resistivity ρ , has a length L and area of cross-section A . If the resistance of the wire is R , then which of the following is the correct relation for R ?
Ans	<input checked="" type="checkbox"/> A. $R = \rho A/L$ <input checked="" type="checkbox"/> B. $R = \rho L/A$ <input checked="" type="checkbox"/> C. $R = \rho L A$ <input checked="" type="checkbox"/> D. $R = L/\rho A$
Q.10	When a force is applied at 90° to the direction of displacement of an object, the work done:
Ans	<input checked="" type="checkbox"/> A. is maximum <input checked="" type="checkbox"/> B. cannot be determined <input checked="" type="checkbox"/> C. is zero <input checked="" type="checkbox"/> D. is minimum but not zero
Q.11	The cellular organelles are suspended in a jelly called _____.
Ans	<input checked="" type="checkbox"/> A. Cytoplasm <input checked="" type="checkbox"/> B. Lumen <input checked="" type="checkbox"/> C. Nucleoplasm <input checked="" type="checkbox"/> D. Stroma
Q.12	What will the distance-time graph look like for an object moving with uniform speed?
Ans	<input checked="" type="checkbox"/> A. The graph is a zig zag line. <input checked="" type="checkbox"/> B. The graph looks like a sine wave. <input checked="" type="checkbox"/> C. The graph is a straight line. <input checked="" type="checkbox"/> D. The graph cannot be drawn.

Q.13	In plants, after fertilisation, the ovule develops into which of the following?
Ans	<input checked="" type="checkbox"/> A. Fruit <input checked="" type="checkbox"/> B. Embryo <input checked="" type="checkbox"/> C. Endosperm <input checked="" type="checkbox"/> D. Seed
Q.14	The way of obtaining fish from natural resources is called _____.
Ans	<input checked="" type="checkbox"/> A. Composite fishing <input checked="" type="checkbox"/> B. Farming fishing <input checked="" type="checkbox"/> C. Culture fishing <input checked="" type="checkbox"/> D. Capture fishing
Q.15	Consider the following statements and select the correct option. Statement A: Small quantities of ethanol cause drunkenness. Statement B: Intake of pure ethanol is safe for health.
Ans	<input checked="" type="checkbox"/> A. Both statements A and B are incorrect. <input checked="" type="checkbox"/> B. Statement A is incorrect, but B is correct. <input checked="" type="checkbox"/> C. Both statements A and B are correct. <input checked="" type="checkbox"/> D. Statement A is correct, but B is incorrect.
Q.16	What is ultrasonography used for during pregnancy?
Ans	<input checked="" type="checkbox"/> A. To detect birth defects and monitor the baby's growth <input checked="" type="checkbox"/> B. To find the blood group of the baby <input checked="" type="checkbox"/> C. To measure the mother's weight <input checked="" type="checkbox"/> D. To check the mother's heartbeat
Q.17	A ball is thrown up with a velocity of x m/s. The ball attains a maximum height of 50 m. What is the value of x ? (Take the value of g as 10 m/s^2)
Ans	<input checked="" type="checkbox"/> A. 10 m/s <input checked="" type="checkbox"/> B. $10\sqrt{10} \text{ m/s}$ <input checked="" type="checkbox"/> C. 1000 m/s <input checked="" type="checkbox"/> D. 100 m/s
Q.18	A substance is said to be reduced when:
Ans	<input checked="" type="checkbox"/> A. it loses hydrogen or gains oxygen <input checked="" type="checkbox"/> B. it loses oxygen only <input checked="" type="checkbox"/> C. it loses oxygen or gains hydrogen <input checked="" type="checkbox"/> D. it gains hydrogen only
Q.19	Which method is commonly used to prevent rusting of Iron?
Ans	<input checked="" type="checkbox"/> A. Melting <input checked="" type="checkbox"/> B. Magnetising <input checked="" type="checkbox"/> C. Galvanisation <input checked="" type="checkbox"/> D. Heating
Q.20	Which property best explains why solids have a definite shape and volume?
Ans	<input checked="" type="checkbox"/> A. The particles can move freely past each other. <input checked="" type="checkbox"/> B. The particles have large spaces between them. <input checked="" type="checkbox"/> C. The particles are closely packed in a fixed arrangement. <input checked="" type="checkbox"/> D. The particles are randomly arranged.

Q.21	Which gas is released when hydrochloric acid reacts with calcium carbonate?
Ans	<input checked="" type="checkbox"/> A. Carbon dioxide <input checked="" type="checkbox"/> B. Nitrogen <input checked="" type="checkbox"/> C. Hydrogen <input checked="" type="checkbox"/> D. Oxygen
Q.22	Which of the following statement(s) is/are true regarding a concave lens?
	(i) A concave lens is also called a diverging lens. (ii) A concave lens always forms a real and inverted image of the object placed anywhere in front of it. (iii) A concave lens always forms a virtual and erect image of the object placed anywhere in front of it.
Ans	<input checked="" type="checkbox"/> A. Only (iii) <input checked="" type="checkbox"/> B. Both (i) and (iii) <input checked="" type="checkbox"/> C. Only (ii) <input checked="" type="checkbox"/> D. Both (i) and (ii)
Q.23	Lenses are used in spectacles to correct vision because they work on the principle of _____.
Ans	<input checked="" type="checkbox"/> A. Diffraction <input checked="" type="checkbox"/> B. Polarization <input checked="" type="checkbox"/> C. Reflection <input checked="" type="checkbox"/> D. Refraction
Q.24	Which of the following is a straight-chain saturated hydrocarbon?
Ans	<input checked="" type="checkbox"/> A. Butane <input checked="" type="checkbox"/> B. Cyclohexane <input checked="" type="checkbox"/> C. Benzene <input checked="" type="checkbox"/> D. Propene
Q.25	A molecule of methane contains one carbon atom bonded to four hydrogen atoms. What is the chemical formula for methane?
Ans	<input checked="" type="checkbox"/> A. CH ₄ <input checked="" type="checkbox"/> B. CH ₃ <input checked="" type="checkbox"/> C. C ₄ H <input checked="" type="checkbox"/> D. C ₂ H ₄
Section : Mathematics	
Q.26	The arithmetic mean of the observations 67, 76, 97, 34, 38, 63, 95, 95 and 74 is:
Ans	<input checked="" type="checkbox"/> A. 63 <input checked="" type="checkbox"/> B. 62 <input checked="" type="checkbox"/> C. 71 <input checked="" type="checkbox"/> D. 68
Q.27	Nilu covers a distance by walking for 6 h. While returning, her speed decreases by 2 km/h and she takes 9 h to cover the same distance. What was her speed while returning?
Ans	<input checked="" type="checkbox"/> A. 7 km/h <input checked="" type="checkbox"/> B. 2 km/h <input checked="" type="checkbox"/> C. 5 km/h <input checked="" type="checkbox"/> D. 4 km/h

Q.28 Four times the present age of Anil is equal to five times the present age of Bhavya. After 6 years, the age of Bhavya will be 6 years less than twice the present age of Anil. What is the difference (in years) between their present ages?

Ans A. 2

B. 4

C. 3

D. 5

Q.29 The simplified value of $\left(x - \frac{1}{x}\right)\left(x + \frac{1}{x}\right)\left(x^2 + \frac{1}{x^2}\right)\left(x^4 + \frac{1}{x^4}\right)$ is:

Ans A. $\left(x^7 + \frac{1}{x^7}\right)$

B. $\left(x^7 - \frac{1}{x^7}\right)$

C. $\left(x^8 - \frac{1}{x^8}\right)$

D. $\left(x^8 + \frac{1}{x^8}\right)$

Q.30 The average of the first 10 odd natural numbers is:

Ans A. 10

B. 10.5

C. 9.5

D. 11

Q.31 A garrison of 1200 men has provisions for 13 days. How long (in days) will the provisions last if the garrison is increased by 360 men?

Ans A. 30

B. 5

C. 20

D. 10

Q.32 A person earns ₹40,000 per month. He allocates 25% of his income to rent, 15% to food, and 10% to transportation, and saves the remainder. How much does he save every month?

Ans A. ₹10,000

B. ₹12,000

C. ₹20,000

D. ₹24,000

Q.33 The amount on a sum of ₹8,400 at 15% per annum compound interest, compounded annually, in 2 years will be:

Ans A. ₹11,109

B. ₹11,668

C. ₹11,339

D. ₹10,837

Q.34	The price of a faucet and a wash basin are ₹860 and ₹2900, respectively. If the price of the faucet and that of the wash basin is increased by 5% and 10%, respectively, then find the price of 6 faucets and 6 wash basins.
Ans	<input checked="" type="checkbox"/> A. ₹22,560 <input checked="" type="checkbox"/> B. ₹24,558 <input checked="" type="checkbox"/> C. ₹36,500 <input checked="" type="checkbox"/> D. ₹20,550
Q.35	The LCM of two numbers 216 and 120 is 1080. Find the HCF of these numbers.
Ans	<input checked="" type="checkbox"/> A. 32 <input checked="" type="checkbox"/> B. 48 <input checked="" type="checkbox"/> C. 36 <input checked="" type="checkbox"/> D. 24
Q.36	If $\sin \theta = 3/5$, then find the value of $\cos \theta$.
Ans	<input checked="" type="checkbox"/> A. $3/5$ <input checked="" type="checkbox"/> B. $\frac{\sqrt{3}}{2}$ <input checked="" type="checkbox"/> C. $5/4$ <input checked="" type="checkbox"/> D. $4/5$
Q.37	If ₹2,443 is divided among 363 children such that each girl and each boy get ₹6 and ₹7, respectively, then how many boys are there?
Ans	<input checked="" type="checkbox"/> A. 285 <input checked="" type="checkbox"/> B. 325 <input checked="" type="checkbox"/> C. 225 <input checked="" type="checkbox"/> D. 265
Q.38	A person covers a certain distance with a speed of 17 km/h in 8 min. If he wants to cover the same distance in 5 min, what should be his speed?
Ans	<input checked="" type="checkbox"/> A. 26.2 km/h <input checked="" type="checkbox"/> B. 27.2 km/h <input checked="" type="checkbox"/> C. 29.2 km/h <input checked="" type="checkbox"/> D. 28.2 km/h
Q.39	One pipe can fill a tank in 9 minutes, while another pipe can empty the completely filled tank in 12 minutes. If both the pipes are opened together when the tank is empty, how many minutes will it take to fill one-half of the tank?
Ans	<input checked="" type="checkbox"/> A. 18 <input checked="" type="checkbox"/> B. 19 <input checked="" type="checkbox"/> C. 37 <input checked="" type="checkbox"/> D. 36
Q.40	The volume of a solid cylinder is 6776 cm^3 and its height is 44 cm. What is the total surface area of the solid cylinder? $\left(\text{Use } \pi = \frac{22}{7} \right)$
Ans	<input checked="" type="checkbox"/> A. 2244 cm^2 <input checked="" type="checkbox"/> B. 2221 cm^2 <input checked="" type="checkbox"/> C. 2227 cm^2 <input checked="" type="checkbox"/> D. 2273 cm^2

Q.41	In an equilateral triangle ABC, point D lies on side BC such that, $3BD = BC$. Which of the following relations is correct?
Ans	<input checked="" type="checkbox"/> A. $7AD^2 = 9AB^2$ <input checked="" type="checkbox"/> B. $4AD^2 = 3AB^2$ <input checked="" type="checkbox"/> C. $9AD^2 = 7AB^2$ <input checked="" type="checkbox"/> D. $3AD^2 = 4AB^2$
Q.42	The income of Amit in 2019 was ₹22,200. He gets an increment of 10% every year. What was his income (in ₹) in 2021?
Ans	<input checked="" type="checkbox"/> A. 24,420 <input checked="" type="checkbox"/> B. 26,640 <input checked="" type="checkbox"/> C. 26,862 <input checked="" type="checkbox"/> D. 22,200
Q.43	A basket contains 96 fruits consisting of mangoes and oranges. If there are 42 more mangoes than oranges, then how many mangoes are there?
Ans	<input checked="" type="checkbox"/> A. 49 <input checked="" type="checkbox"/> B. 59 <input checked="" type="checkbox"/> C. 69 <input checked="" type="checkbox"/> D. 79
Q.44	A cistern has a leak at the bottom. A pipe can fill the cistern in 6 hours, but due to the leak, it takes 8 hours to fill the cistern. How long would the leak take to empty the full cistern?
Ans	<input checked="" type="checkbox"/> A. 30 hours <input checked="" type="checkbox"/> B. 24 hours <input checked="" type="checkbox"/> C. 18 hours <input checked="" type="checkbox"/> D. 36 hours
Q.45	Find the perimeter of the minor sector of a circle of radius 21 m subtending an angle of 45° at the centre. (Use $\pi = \frac{22}{7}$)
Ans	<input checked="" type="checkbox"/> A. 56.5 m <input checked="" type="checkbox"/> B. 52.5 m <input checked="" type="checkbox"/> C. 58.5 m <input checked="" type="checkbox"/> D. 50.5 m
Q.46	The marked price of a jeans was ₹7,750 but the shopkeeper offered successive discounts of 20% and 30%. Ultimately for how much did he sell the item?
Ans	<input checked="" type="checkbox"/> A. ₹4,397 <input checked="" type="checkbox"/> B. ₹4,340 <input checked="" type="checkbox"/> C. ₹4,224 <input checked="" type="checkbox"/> D. ₹4,356
Q.47	₹12,986 is divided among A, B and C in such a way that if ₹33, ₹70 and ₹19 are deducted from their respective shares, they have money in the ratio 14:8:2. Find the difference between B's and C's original shares.
Ans	<input checked="" type="checkbox"/> A. ₹3,366 <input checked="" type="checkbox"/> B. ₹3,166 <input checked="" type="checkbox"/> C. ₹3,267 <input checked="" type="checkbox"/> D. ₹3,116

Q.48 If $(4^2)^a \times (16^2)^{2a} \times (3^4)^b \times (9^2)^{2b} = 2^{20} \times (9^2)^6$, find the values of a and b, respectively.

Ans A. 2, 1

B. 3, 2

C. 2, 3

D. 1, 2

Q.49 A shopkeeper offers the following four schemes.

- A) Two successive discounts of 19% and 19%
- B) Buy 2, get 10
- C) Discount of 11%
- D) Two successive discounts of 25% and 17%

Which scheme is best for customers?

Ans A. D

B. A

C. C

D. B

Q.50 The selling price of an item including GST is ₹1,680. The rate of GST is 20%. If the shopkeeper made a profit of 12%, then what is the cost price of the article (in ₹)?

Ans A. 1,205

B. 1,280

C. 1,250

D. 1,520

Section : General Intelligence and Reasoning

Q.51 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 pencils are erasers.
- All pencils are rulers.
- All rulers are boxes.

Conclusions:

- (I) All pencils are boxes.
- (II) Some rulers are erasers.

Ans A. Only conclusion (II) follows

B. Only conclusion (I) follows

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

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

Q.52 Six people G, H, I, Q, R and S are sitting in a straight line facing the north. Only three people are seated to the left of H. Only Q is seated to the right of S. Only three people are seated between Q and I. G is seated at some place to the right of R. How many people are seated between R and S?

Ans A. Two

B. One

C. Three

D. Four

Q.53	All 36 students in a class are standing in a row, facing north. Priya is 9 th from the left end while Neeraj is 27 th from the right end. How many people stand between Priya and Neeraj?
Ans	<input checked="" type="checkbox"/> A. 3 <input checked="" type="checkbox"/> B. 1 <input checked="" type="checkbox"/> C. 0 <input checked="" type="checkbox"/> D. 2
Q.54	What should come in place of ? in the given series? 30 36 47 63 84 ?
Ans	<input checked="" type="checkbox"/> A. 112 <input checked="" type="checkbox"/> B. 109 <input checked="" type="checkbox"/> C. 111 <input checked="" type="checkbox"/> D. 110
Q.55	Raman ranked 10th from the top and 5th from the bottom in his class. How many students are there in his class?
Ans	<input checked="" type="checkbox"/> A. 11 <input checked="" type="checkbox"/> B. 10 <input checked="" type="checkbox"/> C. 14 <input checked="" type="checkbox"/> D. 12
Q.56	What should come in place of ‘?’ in the given series? 153 164 177 192 209 ?
Ans	<input checked="" type="checkbox"/> A. 230 <input checked="" type="checkbox"/> B. 226 <input checked="" type="checkbox"/> C. 228 <input checked="" type="checkbox"/> D. 227
Q.57	A, B, C, D, E, F and G are sitting around a circular table facing the centre. B sits second to the right of A. E sits to the immediate left of A. C is the immediate neighbour of F and G. D sits second to the left of F. How many people sit between E and G when counted from the left of E?
Ans	<input checked="" type="checkbox"/> A. None <input checked="" type="checkbox"/> B. One <input checked="" type="checkbox"/> C. Three <input checked="" type="checkbox"/> D. Four
Q.58	If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 5431786, what will be difference between the highest and lowest digits in the number thus formed?
Ans	<input checked="" type="checkbox"/> A. 6 <input checked="" type="checkbox"/> B. 14 <input checked="" type="checkbox"/> C. 8 <input checked="" type="checkbox"/> D. 10
Q.59	Refer to the following series and answer the question (all numbers are single-digit numbers only) (Counting to be done from left to right only) (Left) 3 7 9 8 5 3 6 2 2 1 5 3 7 1 5 7 5 7 1 8 4 3 6 9 7 4 4 (Right) How many such odd digits are there, each of which is immediately preceded by an odd digit and also immediately followed by an odd digit?
Ans	<input checked="" type="checkbox"/> A. More than three <input checked="" type="checkbox"/> B. Three <input checked="" type="checkbox"/> C. One <input checked="" type="checkbox"/> D. Two

Q.60	<p>What will come in the place of the question mark (?) in the following equation, if '+' and '−' are interchanged and '×' and '÷' are interchanged?</p> $42 \times 7 \div 8 - 16 + 9 = ?$
Ans	<p><input checked="" type="checkbox"/> A. 50 <input checked="" type="checkbox"/> B. 52 <input checked="" type="checkbox"/> C. 60 <input checked="" type="checkbox"/> D. 55</p>
Q.61	<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) 6 6 8 6 7 4 5 9 9 1 7 6 8 1 4 5 4 7 1 4 1 1 4 3 5 4 3 (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	<p><input checked="" type="checkbox"/> A. 3 <input checked="" type="checkbox"/> B. 1 <input checked="" type="checkbox"/> C. 0 <input checked="" type="checkbox"/> D. 2</p>
Q.62	<p>This question is based on the five, three-digit numbers given below.</p> <p>(Left) 629 125 534 756 438 (Right)</p> <p>(Example- 697 – First digit = 6, second digit = 9 and third digit = 7)</p> <p>NOTE - All operations to be done from left to right.</p> <p>If all the numbers are arranged in ascending order, the position of how many numbers will remain unchanged?</p>
Ans	<p><input checked="" type="checkbox"/> A. Three <input checked="" type="checkbox"/> B. One <input checked="" type="checkbox"/> C. None <input checked="" type="checkbox"/> D. Two</p>
Q.63	<p>LMUG is related to RHYD in a certain way. In the same way, JNSF is related to PIWC. To which of the following is HIVT related, following the same logic?</p>
Ans	<p><input checked="" type="checkbox"/> A. MEZR <input checked="" type="checkbox"/> B. MDYQ <input checked="" type="checkbox"/> C. NEYR <input checked="" type="checkbox"/> D. NDZQ</p>
Q.64	<p>Refer to the following series and answer the question (all numbers are single digit numbers only).</p> <p>(Left) 8 6 5 6 7 2 5 9 8 6 3 2 3 3 4 4 4 6 1 4 4 1 4 5 2 6 6 (Right)</p> <p>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 odd number?</p>
Ans	<p><input checked="" type="checkbox"/> A. 5 <input checked="" type="checkbox"/> B. 3 <input checked="" type="checkbox"/> C. 6 <input checked="" type="checkbox"/> D. 4</p>

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/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.)

(5, 14, 35)
(4, 13, 33)

Ans

A. (8, 17, 27)
 B. (10, 19, 45)
 C. (7, 16, 40)
 D. (16, 7, 21)

Q.66 Ravi drove 20 km from his office towards the north. He then took a right turn and drove 5 km. He took another right turn and drove 10 km, and then turned right, drove 5 km, and stopped at point A. How far is Ravi from his initial position?

(Note: All turns are 90° turns only unless specified.)

Ans

A. 15 km
 B. 5 km
 C. 20 km
 D. 10 km

Q.67 What should come in place of the question mark (?) in the given series?

158 169 191 224 268 ?

Ans

A. 321
 B. 323
 C. 332
 D. 312

Q.68 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 bats are nets.
All cubs are nets.

Conclusions:

(I) Some bats are cubs.
(II) All nets are cubs.

Ans

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

Q.69 In a certain code language,
 $A + B$ means 'A is the sister of B',
 $A - B$ means 'A is the father of B',
 $A \times B$ means 'A is the brother of B' and
 $A \div B$ means 'A is the mother of B'.

How is N related to S if ' $N \div O \times P - Q + S$ '?

Ans

A. Father's sister
 B. Mother's sister
 C. Father's mother
 D. Sister

Q.70	Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete? FVO 18, DTM 29, BRK 40, ZPI 51, ?	
Ans	<input checked="" type="checkbox"/> A. XNF 62 <input checked="" type="checkbox"/> B. WNH 61 <input checked="" type="checkbox"/> C. YNF 65 <input checked="" type="checkbox"/> D. XNG 62	
Q.71	What should come in place of ? in the given series in order to make it logically complete? AZ81 BC64 DG49 GL36 ?	
Ans	<input checked="" type="checkbox"/> A. JT25 <input checked="" type="checkbox"/> B. KR16 <input checked="" type="checkbox"/> C. JS25 <input checked="" type="checkbox"/> D. KR25	
Q.72	ANTY is related to CKOZ in a certain way based on English alphabetical order. In the same way, UIQL is related to WFLM. To which of the following is DSNB related to, following the same logic?	
Ans	<input checked="" type="checkbox"/> A. EPLD <input checked="" type="checkbox"/> B. HPKD <input checked="" type="checkbox"/> C. FPIC <input checked="" type="checkbox"/> D. GPKC	
Q.73	If 'I' stands for '+', 'J' stands for 'x', 'K' stands for '÷' and 'L' stands for '−', then what will come in place of question mark (?) in the following equation? 59 J 4 K 2 I 150 J 2 L 102 K 2 L 15 K 5 L 10 = ?	
Ans	<input checked="" type="checkbox"/> A. 298 <input checked="" type="checkbox"/> B. 376 <input checked="" type="checkbox"/> C. 354 <input checked="" type="checkbox"/> D. 312	
Q.74	In a certain code language, 'YARN' is coded as '5731' and 'ROSE' is coded as '2148'. What is the code for 'R' in the given code language?	
Ans	<input checked="" type="checkbox"/> A. 4 <input checked="" type="checkbox"/> B. 3 <input checked="" type="checkbox"/> C. 2 <input checked="" type="checkbox"/> D. 1	
Q.75	Anand starts from Point A and drives 43 km towards the south. He then takes a left turn, drives 40 km, turns left and drives 45 km. He then takes a left turn and drives 51 km. He takes a final left 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-degree turns only unless specified.)	
Ans	<input checked="" type="checkbox"/> A. 11 km to the east <input checked="" type="checkbox"/> B. 12 km to the west <input checked="" type="checkbox"/> C. 13 km to the west <input checked="" type="checkbox"/> D. 10 km to the east	

Q.76	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 one that does not belong to that group? (Note: The odd man out is not based on the number of consonants/vowels or their position in the letter cluster)	
Ans	<input checked="" type="checkbox"/> A. VR - ZV <input checked="" type="checkbox"/> B. DW - HA <input checked="" type="checkbox"/> C. TG - XK <input checked="" type="checkbox"/> D. BN - GS	
Q.77	Based on the alphabetical order, three of the following four are alike in a certain way and thus form a group. Which is the one that does not belong to that group? (Note: The odd one out is not based on the number of consonants/vowels or their position in the letter cluster)	
Ans	<input checked="" type="checkbox"/> A. TYC <input checked="" type="checkbox"/> B. MRV <input checked="" type="checkbox"/> C. WBF <input checked="" type="checkbox"/> D. EIM	
Q.78	In a certain code language, 'TEAR' is coded as '5731' and 'POST' is coded as '2148'. What is the code for 'T' in the given code language?	
Ans	<input checked="" type="checkbox"/> A. 8 <input checked="" type="checkbox"/> B. 1 <input checked="" type="checkbox"/> C. 5 <input checked="" type="checkbox"/> D. 2	
Q.79	Seven people, S, Q, U, A, R, E and D are sitting in a row, facing north. Only two people sit to the left of U. Only three people sit between U and R. Only one person sits between R and S. E sits to the immediate left of A. D is not an immediate neighbor of R. How many people sit to the right of Q?	
Ans	<input checked="" type="checkbox"/> A. Two <input checked="" type="checkbox"/> B. Four <input checked="" type="checkbox"/> C. Three <input checked="" type="checkbox"/> D. One	
Q.80	JITD is related to EEQB in a certain way based on the English alphabetical order. In the same way, QHSB is related to LDPZ. To which of the following is TNYT related to following the same logic?	
Ans	<input checked="" type="checkbox"/> A. PKVS <input checked="" type="checkbox"/> B. OKUR <input checked="" type="checkbox"/> C. OJVR <input checked="" type="checkbox"/> D. PJUS	

Section : General Awareness and Current Affairs

Q.81	Which city hosted the 2024 National Boxing Championships from 6 to 13 January?	
Ans	<input checked="" type="checkbox"/> A. Guwahati <input checked="" type="checkbox"/> B. Patna <input checked="" type="checkbox"/> C. Bareilly <input checked="" type="checkbox"/> D. Jaipur	

Q.82	The 11 th edition of the Joint Military Exercise 'MITRA SHAKTI-2025' between India and Sri Lanka was held in which of the following cities?
Ans	<input checked="" type="checkbox"/> A. Kochi <input checked="" type="checkbox"/> B. Belagavi <input checked="" type="checkbox"/> C. Jodhpur <input checked="" type="checkbox"/> D. Chennai
Q.83	As per the new Know Your Customer (KYC) relaxations of the Reserve Bank of India (RBI) notified in May 2025, low-risk customers are allowed to continue transactions without KYC until _____.
Ans	<input checked="" type="checkbox"/> A. 30 June 2026 <input checked="" type="checkbox"/> B. 30 June 2025 <input checked="" type="checkbox"/> C. 31 December 2025 <input checked="" type="checkbox"/> D. 31 March 2026
Q.84	Which of the following was the first integrated multi-state mock drill in Delhi-NCR, simulating a large-scale earthquake across 55 locations, conducted from 1 August 2025?
Ans	<input checked="" type="checkbox"/> A. Exercise Suraksha Chakra <input checked="" type="checkbox"/> B. Exercise Surya Kiran <input checked="" type="checkbox"/> C. Exercise Tristate Shakti <input checked="" type="checkbox"/> D. Exercise Sahayata Setu
Q.85	In September 2025, TDK Corporation inaugurated its Advanced Technologies Lithium-ion Battery Manufacturing Plant in which Indian state?
Ans	<input checked="" type="checkbox"/> A. Kerala <input checked="" type="checkbox"/> B. Haryana <input checked="" type="checkbox"/> C. Uttarakhand <input checked="" type="checkbox"/> D. Rajasthan
Q.86	Which of the following volcanoes, located in Ethiopia, was in the news in November 2025 for erupting for the first time in recorded history?
Ans	<input checked="" type="checkbox"/> A. Krasheninnikov <input checked="" type="checkbox"/> B. Kilauea <input checked="" type="checkbox"/> C. Mount Semeru <input checked="" type="checkbox"/> D. Hayli Gubbi
Q.87	According to a US business intelligence report, who was the most popular democratic leader in July 2025?
Ans	<input checked="" type="checkbox"/> A. Amit Shah <input checked="" type="checkbox"/> B. Nirmala Sitharaman <input checked="" type="checkbox"/> C. Rahul Gandhi <input checked="" type="checkbox"/> D. Narendra Modi
Q.88	Under which Article of the Constitution of India was Justice Meenakshi Madan Rai appointed by the President to perform the duties of the Chief Justice of the Sikkim High Court in December 2025?
Ans	<input checked="" type="checkbox"/> A. Article 223 <input checked="" type="checkbox"/> B. Article 217 <input checked="" type="checkbox"/> C. Article 124 <input checked="" type="checkbox"/> D. Article 226

Q.89	Who is the 2025 World Junior champion of the open section of Atomic Chess Championship held at Petrovac, Montenegro?
Ans	<input checked="" type="checkbox"/> A. Pranav Venkatesh <input checked="" type="checkbox"/> B. GM Amar Elham <input checked="" type="checkbox"/> C. Matic Lavrencic <input checked="" type="checkbox"/> D. Pentala Harikrishnan
Q.90	Which international joint naval exercise in a disputed maritime region raised eyebrows in 2025?
Ans	<input checked="" type="checkbox"/> A. Exercise Ajeya Warrior in the Bay of Bengal <input checked="" type="checkbox"/> B. India–Philippines naval drill in the South China Sea <input checked="" type="checkbox"/> C. Exercise Malabar with India and Australia near the Malacca Strait <input checked="" type="checkbox"/> D. Iron Fist Drill with Russia in the Indian Ocean
Q.91	Which is the first fully indigenous microprocessor developed by C-DAC under the Microprocessor Development Programme in 2025?
Ans	<input checked="" type="checkbox"/> A. PRATYUSH55 <input checked="" type="checkbox"/> B. SHAKTI101 <input checked="" type="checkbox"/> C. PARAM32 <input checked="" type="checkbox"/> D. DHRUV64
Q.92	Which group of people is expected to benefit the most from the removal of minimum balance penalties by Indian Bank and Punjab National Bank in July 2025?
Ans	<input checked="" type="checkbox"/> A. Urban business executives and corporate professionals <input checked="" type="checkbox"/> B. College students and monthly salaried employees <input checked="" type="checkbox"/> C. High-income investors and wealthy individuals <input checked="" type="checkbox"/> D. Rural citizens and low-income account holders
Q.93	What was the theme of India's 76th Republic Day celebrated on 26 January 2025?
Ans	<input checked="" type="checkbox"/> A. Ek Bharat Shreshtha Bharat <input checked="" type="checkbox"/> B. Digital India: Power to Empower <input checked="" type="checkbox"/> C. Swarnim Bharat: Virasat aur Vikas <input checked="" type="checkbox"/> D. Atmanirbhar Bharat: Udaan Nayi Soch Ki
Q.94	Who scored 759 runs to win the IPL 2025 Orange Cap for Gujarat Titans?
Ans	<input checked="" type="checkbox"/> A. Virat Kohli <input checked="" type="checkbox"/> B. Rajat Patidar <input checked="" type="checkbox"/> C. Suryakumar Yadav <input checked="" type="checkbox"/> D. Sai Sudharsan
Q.95	In 2025, which ministry launched the Trade Intelligence and Analytics Portal to offer transparent and real-time trade data?
Ans	<input checked="" type="checkbox"/> A. Ministry of Finance <input checked="" type="checkbox"/> B. Ministry of Statistics and Programme Implementation <input checked="" type="checkbox"/> C. Ministry of Commerce and Industry <input checked="" type="checkbox"/> D. Ministry of External Affairs

Q.96	In July 2025, which panel has suggested revising the 'Guidelines for declaration of ESZ, 2011' issued by the Ministry of Environment, Forest and Climate Change (MoEFCC)?
Ans	<input checked="" type="checkbox"/> A. The Standing Committee of the National Board for Wildlife <input checked="" type="checkbox"/> B. The Standing Committee of Central Pollution Control Board <input checked="" type="checkbox"/> C. The Standing Committee of Ministry of Rural Development <input checked="" type="checkbox"/> D. The Standing Committee of National Tiger Conservation Authority
Q.97	Who became the sixth male golfer in history to complete a career Grand Slam by winning the 2025 Masters Tournament?
Ans	<input checked="" type="checkbox"/> A. Jordan Spieth <input checked="" type="checkbox"/> B. Phil Mickelson <input checked="" type="checkbox"/> C. Tiger Woods <input checked="" type="checkbox"/> D. Rory McIlroy
Q.98	Which of the following countries is set to host the first ever Olympic Esports Games, as announced by the International Olympic Committee (IOC) in 2027?
Ans	<input checked="" type="checkbox"/> A. France <input checked="" type="checkbox"/> B. Saudi Arabia <input checked="" type="checkbox"/> C. Qatar <input checked="" type="checkbox"/> D. China
Q.99	Which of the following countries was among the 37 countries that presented its Voluntary National Review (VNR) at the High-Level Political Forum (HLPF) held in July 2025?
Ans	<input checked="" type="checkbox"/> A. China <input checked="" type="checkbox"/> B. India <input checked="" type="checkbox"/> C. Nepal <input checked="" type="checkbox"/> D. Sri Lanka
Q.100	In April 2025, the Securities and Exchange Board of India (SEBI) came out with the operational framework for PaRRVA. What is the purpose of PaRRVA?
Ans	<input checked="" type="checkbox"/> A. Approving mutual fund licences <input checked="" type="checkbox"/> B. Verifying investment performance claims <input checked="" type="checkbox"/> C. Settling trading disputes <input checked="" type="checkbox"/> D. Tax auditing of listed firms