



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	08/12/2025
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 When light ray passes from a rarer medium to a denser medium, it _____.

- Ans ☒ A. bends towards the normal
☒ B. bends away from the normal
☒ C. does not bend at all
☒ D. bends at a 90° angle

Q.2 A common characteristic in all double displacement reaction is:

- Ans ☒ A. only one product is formed
☒ B. the reaction mixture is always colourless
☒ C. exchange of metal ions between two metal salts
☒ D. the reaction requires heat to initiate

Q.3 Which of the following is essential for the propagation of sound waves?

- Ans ☒ A. Light source
☒ B. Magnet
☒ C. Vacuum
☒ D. Medium

Q.4 The mode of cell division by which germ cells get half the amount of DNA as compared to non-reproductive cells is called _____.

- Ans ☒ A. Meiosis
☒ B. Budding
☒ C. Mitosis
☒ D. Amitosis

Q.5 An object with a mass of 10.0 kg is initially moving at a velocity of 3.0 m/s. A constant force of 30.0 N is applied in the opposite direction of its motion for 5.0 s. What is the final velocity of the object?

- Ans ☒ A. -12.0 m/s
☒ B. 0 m/s
☒ C. +12.0 m/s
☒ D. +18.0 m/s

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Q.6	A particle starts from rest and moves with uniform acceleration. Which of the following represents the correct velocity-time graph for the particle?
Ans	<div><div><input checked="" type="checkbox"/></div><div>A. A parabola</div></div> <div><div><input checked="" type="checkbox"/></div><div>B. A straight line passing through the origin with negative slope</div></div> <div><div><input checked="" type="checkbox"/></div><div>C. A horizontal line</div></div> <div><div><input checked="" type="checkbox"/></div><div>D. A straight line passing through the origin with positive slope</div></div>
Q.7	Which of the following statements correctly describes the process of budding in organisms like Hydra?
Ans	<div><div><input checked="" type="checkbox"/></div><div>A. A bud forms as an outgrowth due to repeated cell division and detaches when mature.</div></div> <div><div><input checked="" type="checkbox"/></div><div>B. A bud forms from specialised cells inside the organism and remains attached for life.</div></div> <div><div><input checked="" type="checkbox"/></div><div>C. A bud forms only during sexual reproduction and fuses with the parent organism.</div></div> <div><div><input checked="" type="checkbox"/></div><div>D. A bud forms from a broken body part and grows into a new organism.</div></div>
Q.8	When particles of two different types of matter randomly mix due to the inherent random movement of particles, the process is called:
Ans	<div><div><input checked="" type="checkbox"/></div><div>A. intermixing</div></div> <div><div><input checked="" type="checkbox"/></div><div>B. diffusion</div></div> <div><div><input checked="" type="checkbox"/></div><div>C. effusion</div></div> <div><div><input checked="" type="checkbox"/></div><div>D. homogenisation</div></div>
Q.9	The molecular mass of HNO_3 is 63 atomic mass unit (u). What is atomic mass of oxygen (O)?
Ans	<div><div><input checked="" type="checkbox"/></div><div>A. 8u</div></div> <div><div><input checked="" type="checkbox"/></div><div>B. 48u</div></div> <div><div><input checked="" type="checkbox"/></div><div>C. 32u</div></div> <div><div><input checked="" type="checkbox"/></div><div>D. 16u</div></div>
Q.10	Mendel conducted his experiments on which plant?
Ans	<div><div><input checked="" type="checkbox"/></div><div>A. Sunflower</div></div> <div><div><input checked="" type="checkbox"/></div><div>B. Tomato</div></div> <div><div><input checked="" type="checkbox"/></div><div>C. Bean plant</div></div> <div><div><input checked="" type="checkbox"/></div><div>D. Pea plant</div></div>
Q.11	కార్పస్ అయానిక్ బంధాలకు బదులుగా సమయోజనీయ బంధాలను ఎందుకు ఏర్పరుస్తుంది?
Ans	<div><div><input checked="" type="checkbox"/></div><div>A. కార్పస్ 8 వాలెన్స్ ఎలక్ట్రాన్లను కలిగి ఉంటుంది.</div></div> <div><div><input checked="" type="checkbox"/></div><div>B. కార్పస్ 4 ఎలక్ట్రాన్లను సులభంగా పొందగలదు లేదా కోల్పోగలదు</div></div> <div><div><input checked="" type="checkbox"/></div><div>C. 4 ఎలక్ట్రాన్లను కోల్పోవడం లేదా పొందడానికి ఇది శక్తివంతంగా అననుకూలమైనది.</div></div> <div><div><input checked="" type="checkbox"/></div><div>D. ఇది చాలా పెద్ద పరమాణు వ్యాసార్థం కలిగి ఉంటుంది</div></div>
Q.12	Consider the following statements and select the correct option. Statement 1: A fuse is connected in series in an electric circuit. Statement 2: A fuse wire melts when the current exceeds a safe limit.
Ans	<div><div><input checked="" type="checkbox"/></div><div>A. Only Statement 2 is correct.</div></div> <div><div><input checked="" type="checkbox"/></div><div>B. Both Statements 1 and 2 are incorrect.</div></div> <div><div><input checked="" type="checkbox"/></div><div>C. Only Statement 1 is correct.</div></div> <div><div><input checked="" type="checkbox"/></div><div>D. Both Statements 1 and 2 are correct.</div></div>

Q.13	What does the atomic number of an element represent?
Ans	<div><div><input type="checkbox"/></div><div>A. Number of neurons in an atom</div></div> <div><div><input type="checkbox"/></div><div>B. Mass number of the atom</div></div> <div><div><input checked="" type="checkbox"/></div><div>C. Number of protons in an atom</div></div> <div><div><input type="checkbox"/></div><div>D. Total number of electrons and protons</div></div>
Q.14	What type of image is formed by a concave mirror when the object is placed at infinity?
Ans	<div><div><input type="checkbox"/></div><div>A. Same size as the object and real</div></div> <div><div><input type="checkbox"/></div><div>B. Highly enlarged and virtual</div></div> <div><div><input checked="" type="checkbox"/></div><div>C. Highly diminished, real and inverted</div></div> <div><div><input type="checkbox"/></div><div>D. Enlarged, virtual and upright</div></div>
Q.15	క్రింది వాటిలో, అమీబాలో పోషకాహార ప్రక్రియను ఏది ఉత్తమంగా వివరిస్తుంది?
Ans	<div><div><input type="checkbox"/></div><div>A. వ్యాపనం → అంతర్గ్రహణం → జీర్ణక్రియ → శోషణ(Diffusion → Ingestion → Digestion → Absorption)</div></div> <div><div><input type="checkbox"/></div><div>B. అంతర్గ్రహణం → విసర్జనం → శోషణ → జీర్ణక్రియ(Ingestion → Egestion → Absorption → Digestion)</div></div> <div><div><input type="checkbox"/></div><div>C. శోషణ → అంతర్గ్రహణం → జీర్ణక్రియ → విసర్జనం(Absorption → Ingestion → Digestion → Egestion)</div></div> <div><div><input checked="" type="checkbox"/></div><div>D. అంతర్గ్రహణం → జీర్ణక్రియ → శోషణ → విసర్జనం(Ingestion → Digestion → Absorption → Egestion)</div></div>
Q.16	Which metal is placed just above copper in the reactivity series?
Ans	<div><div><input type="checkbox"/></div><div>A. Aluminium</div></div> <div><div><input type="checkbox"/></div><div>B. Zinc</div></div> <div><div><input checked="" type="checkbox"/></div><div>C. Lead</div></div> <div><div><input type="checkbox"/></div><div>D. Iron</div></div>
Q.17	గత 10 సంవత్సరాలలో ఒక నగరంలో ప్లాస్టిక్ వ్యర్థాలు బాగా పెరిగాయి. ప్రజల ఏ అలవాటు దీనికి ఎక్కువగా కారణమవుతోంది?
Ans	<div><div><input type="checkbox"/></div><div>A. ప్రజలు పునర్వినియోగించదగిన వస్తువులను ఎంచుకుంటున్నారు.</div></div> <div><div><input type="checkbox"/></div><div>B. ఎక్కువ మంది బస్సులు మరియు రైళ్లను ఉపయోగిస్తున్నారు.</div></div> <div><div><input type="checkbox"/></div><div>C. ప్లాస్టిక్ సంచులను నిషేధించారు.</div></div> <div><div><input checked="" type="checkbox"/></div><div>D. ప్రజలు ఎక్కువ కాలం మన్నికైన వస్తువులకు బదులుగా వాడి పారేసే వస్తువులను ఎక్కువగా ఉపయోగిస్తున్నారు.</div></div>
Q.18	When calcium oxide reacts with water, the product formed is:
Ans	<div><div><input type="checkbox"/></div><div>A. calcium sulphate</div></div> <div><div><input checked="" type="checkbox"/></div><div>B. calcium hydroxide</div></div> <div><div><input type="checkbox"/></div><div>C. calcium carbonate</div></div> <div><div><input type="checkbox"/></div><div>D. calcium chloride</div></div>
Q.19	Which of the following cell organelles help(s) in cellular reproduction?
Ans	<div><div><input checked="" type="checkbox"/></div><div>A. Nucleus</div></div> <div><div><input type="checkbox"/></div><div>B. Plastids</div></div> <div><div><input type="checkbox"/></div><div>C. Endoplasmic Reticulum</div></div> <div><div><input type="checkbox"/></div><div>D. Lysosomes</div></div>
Q.20	Which part in the neuron i.e. nervous tissue is responsible for protein synthesis?
Ans	<div><div><input type="checkbox"/></div><div>A. Dendrites</div></div> <div><div><input type="checkbox"/></div><div>B. Synaptic bulb</div></div> <div><div><input checked="" type="checkbox"/></div><div>C. Nissl granules</div></div> <div><div><input type="checkbox"/></div><div>D. Axon</div></div>

Q.21 Which mechanism leads to the folding of Mimosa pudica leaves when they are touched?

- Ans
- ☒ A. Change in pH of leaf cells
 - ☒ B. Change in the water content of leaf cells
 - ☒ C. Change in light intensity at leaf surface
 - ☒ D. Change in temperature of the leaves

Q.22 When the height of an object is doubled, its potential energy becomes:

- Ans
- ☒ A. triple
 - ☒ B. double
 - ☒ C. half
 - ☒ D. zero

Q.23 ఈ క్రింది వాటిల్లోని ఏ పదార్థం మంట లేకుండానే మండుతుంది?

- Ans
- ☒ A. LPG
 - ☒ B. బొగ్గు
 - ☒ C. పెట్రోల్
 - ☒ D. వ్యాక్స్

Q.24 ఒక శుద్ధ రెసిస్టివ్(నిరోధక) వలయంలో, బ్యాటరీ ద్వారా సరఫరా చేయబడిన విద్యుత్ శక్తి:

- Ans
- ☒ A. అయస్కాంత శక్తిగా నిల్వ చేయబడుతుంది
 - ☒ B. కాంతిగా మాత్రమే మార్పబడుతుంది
 - ☒ C. స్థితి శక్తిగా నిల్వ చేయబడుతుంది
 - ☒ D. పూర్తిగా ఉష్ణంగా వ్యాప్తి చెందుతుంది(చెల్లాచెదురవుతుంది)

Q.25 When an object falls freely near the Earth, the direction of its motion:

- Ans
- ☒ A. becomes opposite to gravity
 - ☒ B. changes continuously
 - ☒ C. remains the same
 - ☒ D. becomes horizontal

Section : Mathematics

Q.26 The area of a trapezium is 54 sq.units. Its parallel sides are $3x + 1$ units and $2x + 2$ units, respectively. The distance between the parallel sides is $3y$ units and $x - y = 1$. Find the sum of parallel sides.

- Ans
- ☒ A. 12 units
 - ☒ B. 22 units
 - ☒ C. 16 units
 - ☒ D. 18 units

Q.27 The cost of a washing machine is 50% less than the cost of a TV. If the cost of the washing machine increases by 57% and that of the TV decreases by 74%, then what is the percentage change in the total cost of 6 washing machines and 2 TVs?

- Ans
- ☒ A. Increase by 4.6%
 - ☒ B. Decrease by 5%
 - ☒ C. Decrease by 1%
 - ☒ D. Increase by 5.2%

Q.28	DMART is offering Buy 2, get 29 free on grocery items. What is the net percentage discount being offered by DMART? (Correct up to two decimal places)
Ans	<div><div><div>✖</div><div>A. 92.67%</div></div><div><div>✖</div><div>B. 95.63%</div></div><div><div>✖</div><div>C. 97.4%</div></div><div><div>✔</div><div>D. 93.55%</div></div></div>
Q.29	Pipes A and B can fill 50% of a tank in 15 and 10 minutes, respectively. There is also an emptying pipe C attached to the tank. If all the three pipes are opened together, the tank is filled in 15 minutes. If the tank is two-third filled, then in how much time (in minutes) C alone will empty the tank completely?
Ans	<div><div><div>✖</div><div>A. 60</div></div><div><div>✖</div><div>B. 20</div></div><div><div>✔</div><div>C. 40</div></div><div><div>✖</div><div>D. 30</div></div></div>
Q.30	The sum of the first 12 prime numbers is:
Ans	<div><div><div>✔</div><div>A. 197</div></div><div><div>✖</div><div>B. 201</div></div><div><div>✖</div><div>C. 202</div></div><div><div>✖</div><div>D. 199</div></div></div>
Q.31	In an equilateral triangle ABC of side 18 cm, what is the sum (in cm) of the perpendicular distances of the centroid G from the sides of the triangle?
Ans	<div><div><div>✔</div><div>A. $9\sqrt{3}$</div></div><div><div>✖</div><div>B. $6\sqrt{3}$</div></div><div><div>✖</div><div>C. $12\sqrt{3}$</div></div><div><div>✖</div><div>D. $3\sqrt{3}$</div></div></div>
Q.32	Given that C is the third proportional of 16 and B. If B is the sum of the first three even natural numbers, then find the value of C.
Ans	<div><div><div>✖</div><div>A. 7.55</div></div><div><div>✖</div><div>B. 11.74</div></div><div><div>✖</div><div>C. 8.49</div></div><div><div>✔</div><div>D. 9.0</div></div></div>
Q.33	Quadrilateral ABCD has sides AB = 9 m, BC = 12 m, CD = 14 m and DA = 13 m, taken in order. If $\angle ABC = 90^\circ$, find the area (in m^2) of quadrilateral ABCD.
Ans	<div><div><div>✖</div><div>A. 135</div></div><div><div>✖</div><div>B. 128</div></div><div><div>✖</div><div>C. 148</div></div><div><div>✔</div><div>D. 138</div></div></div>
Q.34	A shopkeeper marks his goods at X% above the cost price and sells them at a discount of 40%. If he makes a profit of 62%, find the value of X.
Ans	<div><div><div>✖</div><div>A. 171</div></div><div><div>✔</div><div>B. 170</div></div><div><div>✖</div><div>C. 168</div></div><div><div>✖</div><div>D. 169</div></div></div>

Q.35 Find the largest number that divides 555, 703, 999 and 1147 leaving the same remainder in each case.

- Ans
- ☐ A. 137
 - ☐ B. 89
 - ☒ C. 148
 - ☐ D. 74

Q.36 If $x + \frac{1}{x} = 13$, then the value of $(x^2 + \frac{1}{x^2})$ is:

- Ans
- ☐ A. 171
 - ☐ B. 169
 - ☒ C. 167
 - ☐ D. 163

Q.37 If the mode of the given data is $133\frac{2}{11}$ cm., find the value of X.

Height (in cm)	125 - 130	130 - 135	135 - 140	140 - 145	145 - 150
Number of girls	7	14	X	10	9

- Ans
- ☐ A. 15
 - ☒ B. 10
 - ☐ C. 12
 - ☐ D. 11

Q.38 Simplify the following.

$$\frac{8^{21} \div 4^{28} \times 2^5}{(4^{14})^{\frac{1}{7}} \times 8^2}$$

- Ans
- ☐ A. 16
 - ☐ B. 8
 - ☒ C. 4
 - ☐ D. 2

Q.39 A father is 30 years older than his son. After 5 years, he will be twice as old as his son. Find the son's present age.

- Ans
- ☐ A. 20 years
 - ☐ B. 27 years
 - ☒ C. 25 years
 - ☐ D. 22 years

Q.40 In a college election, the valid votes for candidates X and Y were in the ratio 7 : 2. The college had 1800 registered voters, of which 20% did not cast their votes and 20% of the votes cast were declared invalid. What is the difference in the number of votes secured by candidates X and Y?

- Ans
- ☒ A. 640
 - ☐ B. 256
 - ☐ C. 896
 - ☐ D. 459

Q.41 What is the mode of the data 20, 21, 15, 16, 20, 17, 18, 16, 15, 14, 19, 20, 18, 14, and 20?

- Ans
- ☒ A. 18
 - ☒ B. 20
 - ☒ C. 21
 - ☒ D. 19

Q.42 Find the value of $\tan 30^\circ \times \cos 30^\circ$.

- Ans
- ☒ A. $\frac{\sqrt{3}}{2}$
 - ☒ B. $\frac{1}{2}$
 - ☒ C. $\frac{1}{\sqrt{2}}$
 - ☒ D. 1

Q.43 Two trains are moving in opposite directions at speeds of 130 km/hr and 60 km/hr, respectively. The length of one train is 360 m. The time taken by them to cross each other is 12 seconds. The length (in m) of the other train, correct to 2 decimal places, is:

- Ans
- ☒ A. 269.96
 - ☒ B. 282.54
 - ☒ C. 277.92
 - ☒ D. 273.33

Q.44 A 275-metre-long train crosses a platform thrice its length in 44 seconds. What is the speed of the train in km/hr?

- Ans
- ☒ A. 98
 - ☒ B. 90
 - ☒ C. 81
 - ☒ D. 85

Q.45 If $A : B = 4 : 6$ and $B : C = 7 : 10$, then $A : B : C$ is:

- Ans
- ☒ A. 14 : 21 : 30
 - ☒ B. 14 : 23 : 40
 - ☒ C. 14 : 31 : 21
 - ☒ D. 14 : 12 : 30

Q.46 A trader purchased a bundle of 15 notebooks for ₹1,200 and sold the entire bundle for ₹1,040. The loss incurred is equal to the cost price of how many notebooks?

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

Q.47 If the value of 13% of 16% of x is 59.28, then the value of x is:

- Ans
- ☒ A. 2690
 - ☒ B. 2850
 - ☒ C. 2760
 - ☒ D. 2580

Q.48 A number is divided into two parts, such that one part is 10 more than the other. If the two parts are in the ratio 5 : 3, find the two parts of the number.

- Ans ☐ A. 24 and 14
- ☐ B. 27 and 17
- ☒ C. 25 and 15
- ☐ D. 26 and 16

Q.49 Two banks, A and B, offered loans at 3.5% and 7% per annum, respectively. Vijay borrowed an amount of ₹4,80,000 from each bank. Find the positive difference (in ₹) between the amounts of simple interest paid to the two banks by Vijay after 3 years.

- Ans ☐ A. 51,900
- ☐ B. 51,400
- ☐ C. 49,900
- ☒ D. 50,400

Q.50 A, B and C can do a piece of work in 2, 6 and 12 days, respectively. How long (in days) will they take to do thrice the same work, working together?

- Ans ☒ A. 4
- ☐ B. 5
- ☐ C. 8
- ☐ D. 12

Section : General Intelligence and Reasoning

Q.51 SGHE is related to XCMA in a certain way based on the English alphabetical order. In the same way, CYRW is related to HUWS. To which of the following is MQBO related, following the same logic?

- Ans ☐ A. QLFJ
- ☐ B. SLGM
- ☒ C. RMGK
- ☐ D. SNHL

Q.52 Which letter cluster will replace the question mark (?) to complete the given series?

IDR GEO EFL CGI ?

- Ans ☐ A. AHE
- ☐ B. BGF
- ☐ C. BHE
- ☒ D. AHF

Q.53 In a certain code language, ‘iron hip cheek’ is coded as ‘nn nu qw’ and ‘mud iron globe’ is coded as ‘nu yx mt’. How is ‘iron’ coded in the given language?

- Ans ☐ A. yx
- ☐ B. qw
- ☒ C. nu
- ☐ D. nn

Q.54 What should come in place of the question mark (?) in the given series?

73 63 53 43 33 ?

- Ans ☐ A. 21
- ☒ B. 23
- ☐ C. 24
- ☐ D. 22

Q.55 In a certain code language, 'OVAL' is coded as '9573' and 'LAVS' is coded as '3657'. What is the code for 'S' in the given code language?

- Ans
- ☒ A. 5
 - ☒ B. 6
 - ☒ C. 3
 - ☒ D. 7

Q.56 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) 7 1 8 3 3 1 5 4 8 5 1 4 4 9 5 9 6 8 7 3 5 3 6 6 9 (Right)

How many such numbers are there, each of which is immediately preceded by a perfect square and also immediately followed by a perfect square? (Note: 1 is also a perfect square.)

- Ans
- ☒ A. Four
 - ☒ B. One
 - ☒ C. Five
 - ☒ D. Three

Q.57 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 Zucchini's are Leeks.
All Leeks are Radishes.
Some Radishes are Celeries.

Conclusions:
(I) All Leeks are Celeries.
(II) Some Radishes are Zucchini's.

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

Q.58 What will come in place of the question mark (?) in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged?

223 ÷ 4 + 164 × 2 - 37 = ?

- Ans
- ☒ A. 826
 - ☒ B. 837
 - ☒ C. 847
 - ☒ D. 811

Q.59 Aman starts from Point M and drives 8 km towards the north. He then takes a left turn, drives 5 km, turns left and drives 13 km. He then takes a right turn and drives 5 km. He then takes a right turn and drives 16 km. He takes a final right turn, drives 10 km and stops at Point P. How far (shortest distance) and in which direction is Point P with respect to Point M? (All turns are 90-degree turns only unless specified.)

- Ans
- ☒ A. 11 km towards the north
 - ☒ B. 6 km towards the south
 - ☒ C. 9 km towards the south
 - ☒ D. 3 km towards the north

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:
Some mangoes are bananas.
No banana is a kiwi.

Conclusions:
(I): All bananas are mangoes.
(II): No mango is a kiwi.

- Ans ☒ A. Neither follows
☐ B. Both follow
☐ C. Only I follows
☐ D. Only II follows

Q.61 P, Q, R, S, T and U are sitting around a circular table facing the centre. R sits on the immediate left of U. S sits second to the right of T. P sits second to the left of R. How many people sit between R and Q when counted from the right of R?

- Ans ☐ A. 3
☐ B. 2
☐ C. 0
☒ D. 1

Q.62 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. Three
☐ B. Four
☐ C. One
☒ D. Two

Q.63 Which of the given letter-number clusters will replace the question mark (?) in the following series to make it logically complete?

MP33 KN41 IL49 GJ57 ?

- Ans ☒ A. EH65
☐ B. EH66
☐ C. EG66
☐ D. EG65

Q.64 ఒక వ్యక్తి పాయింట్ A నుండి బయలుదేరి ఉత్తరం వైపు 9 km డ్రైవ్ చేస్తాడు. తరువాత అతను కుడివైపు తిరిగి 15 km డ్రైవ్ చేసి, కుడివైపు తిరిగి 18 km డ్రైవ్ చేశాక, కుడివైపు తిరిగి 23 km డ్రైవ్ చేసి, చివరిగా కుడివైపు తిరిగి 9 km డ్రైవ్ చేసి పాయింట్ P వద్ద ఆగుతాడు. పాయింట్ A ని మళ్ళీ చేరుకోవడానికి అతను ఎంత దూరం (అతి తక్కువ దూరం) మరియు ఏ దిశ వైపు డ్రైవ్ చేయాలి? (పేర్కొనకపోతే మలుపులన్నీ 90 డిగ్రీల మలుపులు మాత్రమే)

- Ans ☒ A. తూర్పు వైపు 8 km
☐ B. పశ్చిమం వైపు 7 km
☐ C. ఉత్తరం వైపు 5 km
☐ D. దక్షిణం వైపు 6 km

Q.65 If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 51784563, then how many digits will appear more than once in the new number thus formed?

- Ans
- ☒ A. One
 - ☒ B. Two
 - ☒ C. Three
 - ☒ D. None

Q.66 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. NK-PL
 - ☒ B. FC-HE
 - ☒ C. HE-JF
 - ☒ D. KH-MI

Q.67 What should come in place of the question mark (?) in the given series to make it logically complete?

10 20 31 43 56 ?

- Ans
- ☒ A. 63
 - ☒ B. 70
 - ☒ C. 66
 - ☒ D. 62

Q.68 3728645 సంఖ్యలోని ప్రతి అంకెను ఎడమ నుండి కుడికి ఆరోహణ క్రమంలో అమర్చినచో, ఈ విధంగా ఏర్పడిన కొత్త సంఖ్యలో ఎడమ నుండి రెండవ మరియు కుడి నుండి రెండవ అంకెల మొత్తం ఎంత అవుతుంది?

- Ans
- ☒ A. 10
 - ☒ B. 7
 - ☒ C. 9
 - ☒ D. 11

Q.69 YPMG is related to VKJB in a certain way based on the English alphabetical order. In the same way, MVAM is related to JQXH. To which of the following options is DGRX related, following the same logic?

- Ans
- ☒ A. ABPO
 - ☒ B. ABOI
 - ☒ C. ABOS
 - ☒ D. APLO

Q.70 Select the pair which follows the same pattern as that followed by the two set of pairs given below. Both pairs follow the same pattern.

QUT-XBA
YCB-FJI

- Ans
- ☒ A. ILJ-OSR
 - ☒ B. ILJ-PTS
 - ☒ C. IML-PTS
 - ☒ D. IML-OTR

Q.71 In a certain code language,
A + B means 'A is the daughter 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 + F – G ÷ H x J'?

- Ans ☒ A. Wife's mother's brother's wife
☒ B. Wife's father's brother's daughter
☒ C. Wife's father's brother's wife
☒ D. Wife's mother's brother's daughter

Q.72 Refer to the number series given below and answer the question that follows. Counting to be done from left to right only.
(NOTE: All numbers are single-digit numbers only.)

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

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

- Ans ☒ A. 2
☒ B. 5
☒ C. 3
☒ D. 4

Q.73 Refer to the number series given below and answer the question that follows. Counting to be done from left to right only.
(NOTE: All numbers are single-digit numbers only.)

(Left) 8 3 5 8 4 7 3 3 4 9 9 1 8 5 4 9 2 6 4 7 2 5 1 2 1 4 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 odd number?

- Ans ☒ A. 4
☒ B. 2
☒ C. 5
☒ D. 3

Q.74 Refer to the following series and answer the question that follows. Counting to be done from left to right only. (All numbers are single-digit numbers only.)

(Left) 7 8 7 4 1 3 5 2 3 2 6 9 3 6 1 7 1 1 8 8 6 2 6 (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. Three
☒ B. Two
☒ C. One
☒ D. Four

Q.75 A, B, C, D, W, X and Y are sitting around a circular table facing the centre of the table. A sits third to the left of X. Only one person sits between X and C when counted from the left of C. Only two people sit between B and W when counted from the right of W. D is an immediate neighbour of B. Who sits third to the right of Y?

- Ans ☒ A. D
☒ B. C
☒ C. A
☒ D. W

Q.76 Select the set in which the numbers are related in the same way as are the numbers of the following sets.
(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding to/subtracting from/multiplying with 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(5, 22, 26)
(11, 40, 44)

- Ans** ☒ A. (16, 66, 70)
☒ B. (13, 32, 36)
☒ C. (16, 55, 59)
☒ D. (17, 58, 54)

Q.77 What should come in place of the question mark (?) in the given series?

20 25 15 20 10 ?

- Ans** ☒ A. 25
☒ B. 20
☒ C. 5
☒ D. 15

Q.78 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. JM-QK
☒ B. SV-ZT
☒ C. MP-TN
☒ D. PS-WR

Q.79 Seven boxes, A, B, C, D, I, J and K, are kept one over the other, but not necessarily in the same order.
Only two boxes are kept between A and C. Only B is kept above K. No box is kept below C. J is kept at some place below D but at some place above I.
Which box is kept third above I?

- Ans** ☒ A. D
☒ B. A
☒ C. C
☒ D. K

Q.80 A, B, C, E, F, P and Q are sitting around a circular table facing the centre. A sits fourth to the left of C. P sits fourth to the right of B. Only two people sit between C and B when counted from the left of C. E is not an immediate neighbour of P or B. F is not an immediate neighbour of P. Who sits third to the right of Q?

- Ans** ☒ A. B
☒ B. C
☒ C. P
☒ D. F

Section : General Awareness and Current Affairs

Q.81 In June 2025, which two countries participated in Exercise SHAKTI, a biennial training engagement?

- Ans** ☒ A. Nepal and Bhutan
☒ B. Sri Lanka and the Maldives
☒ C. Afghanistan and China
☒ D. India and France

Q.82 When did Defence Research and Development Organisation (DRDO) and the Indian Navy conduct the successful flight-test of indigenously-developed Vertically-Launched Short-Range Surface-to-Air Missile (VLSRSAM) from the Integrated Test Range (ITR), Chandipur off the coast of Odisha?

- Ans
- ☒ A. March 26, 2025
 - ☐ B. July 16, 2025
 - ☐ C. January 2, 2025
 - ☐ D. May 20, 2025

Q.83 In June 2025, which educational institution signed an MoU with VRDE to collaborate on advanced defence technologies?

- Ans
- ☐ A. Indian Institute of Science, Bengaluru
 - ☐ B. Rajasthan Technical University
 - ☐ C. National Institute of Technology, Warangal
 - ☒ D. COEP Technological University,Pune

Q.84 In June 2025, Consumer Price Index (CPI) of India inflation for the financial year 2025-26 was projected at:

- Ans
- ☐ A. 4.7%
 - ☐ B. 6.7%
 - ☒ C. 3.7%
 - ☐ D. 5.7%

Q.85 Who authored 'Careless People: A Cautionary Tale of Power, Greed, and Lost Idealism', published in 2025?

- Ans
- ☐ A. Samantha Wynne-Williamson
 - ☒ B. Sarah Wynn-Williams
 - ☐ C. Alexandra Winslow-Meyer
 - ☐ D. Susannah Wynn-Wallace

Q.86 జూన్ 2025లో ప్రచురించబడిన 'ఇండియా: 5,000 ఇయర్స్ ఆఫ్ హిస్టరీ ఆన్ ది సబ్ కాంటినెంట్'(India: 5,000 Years of History on the Subcontinent)' పుస్తక రచయిత ఎవరు?

- Ans
- ☐ A. జాన్ జుబ్రిక్సి (John Zubrzycki)
 - ☐ B. పాట్రిక్ ఫ్రెంచ్ (Patrick French)
 - ☒ C. ఆడ్రీ ట్రుష్కె (Audrey Truschke)
 - ☐ D. విలియం డాల్రింపిల్ (William Dalrymple)

Q.87 For Athletics in 2025, what is the age eligibility range for boys' and girls' selection trials at SAI Chennai?

- Ans
- ☒ A. 12 to 18 years
 - ☐ B. 11 to 19 years
 - ☐ C. 14 to 20 years
 - ☐ D. 10 to 16 years

Q.88 Which Indian city was ranked the most polluted globally in the World Air Quality Report, 2024, released in March 2025?

- Ans
- ☐ A. Mumbai
 - ☐ B. Gurugram
 - ☒ C. Byrnihat
 - ☐ D. Delhi

Q.89 Against which country's wrestler did Antim Panghal win her bronze medal match at the Asian Wrestling Championships, 2025?

- Ans
- ☒ A. Chinese Taipei
 - ☐ B. China
 - ☐ C. Japan
 - ☐ D. Kazakhstan

Q.90 Which of the following banks of India extended the operating hours of the call money market to 7 PM, from 1 July 2025?

- Ans
- ☐ A. Bank of Baroda
 - ☐ B. State Bank of India
 - ☐ C. Bandhan Bank
 - ☒ D. Reserve Bank of India

Q.91 Who won the men's singles title at the 2025 French Open, held in June 2025?

- Ans
- ☒ A. Carlos Alcaraz
 - ☐ B. Novak Djokovic
 - ☐ C. Jannik Sinner
 - ☐ D. Alexander Zverev

Q.92 అవినీతి అవగాహన సూచిక (కరప్షన్ పర్సెప్షన్ ఇండెక్స్ CPI), 2024లో భారతదేశం యొక్క స్థానం ఏమిటి?

- Ans
- ☐ A. 101వ
 - ☒ B. 96వ
 - ☐ C. 85వ
 - ☐ D. 93వ

Q.93 జూన్ 2025లో, రాష్ట్రంలోకి ప్రవేశించే కాలుష్య కారకాలను అడ్డుకుంటూ, క్రింది ఏ రాష్ట్రం వెంబడి 800 km గ్రీన్ వాల్ నిర్మించాలని పశ్చిమ బెంగాల్ ప్రణాళిక వేసింది?

- Ans
- ☐ A. అస్సాం
 - ☐ B. మిజోరం
 - ☒ C. జార్ఖండ్
 - ☐ D. ఛత్తీస్ గఢ్

Q.94 Who was appointed as the RBI Deputy Governor in April 2025, becoming one of the key figures in shaping India's financial and monetary policy?

- Ans
- ☐ A. Arundhati Bhattacharya
 - ☒ B. Poonam Gupta
 - ☐ C. Nirmala Sitharaman
 - ☐ D. Shaktikanta Das

Q.95 Who received the Sahitya Akademi Translation Prize (awarded in March 2025) for translating Himanshi Joshi's Tere Liye into Punjabi as Tere Laee?

- Ans
- ☐ A. Anjan Sarma
 - ☐ B. Srinivas Murmu
 - ☒ C. Chandan Negi
 - ☐ D. Suvash Satpathy

Q.96 As on November 2024, how many Khelo India Athletes received coaching, equipment, medical care, and Out of Pocket Allowance (OPA)?

- Ans
- ☐ A. 2509
 - ☐ B. 3087
 - ☐ C. 2000
 - ☒ D. 2781

Q.97 In August 2025, NITI Aayog unveiled an innovative framework to evaluate and compare the advancement of States and Union Territories towards their Electric Mobility objectives named _____.

- Ans
- ☐ A. Sustainable Transport Index
 - ☒ B. India Electric Mobility Index
 - ☐ C. National E-Mobility Mission Plan Index
 - ☐ D. Electric Vehicle Advancement Index

Q.98 What is the main purpose of the 'Model Rules for Felling Trees in Agricultural Lands', released in 2025?

- Ans
- ☐ A. Increasing tax on agricultural produce
 - ☐ B. Promoting urban farming only
 - ☒ C. Easing business in agroforestry by streamlining rules
 - ☐ D. Banning agroforestry in rural areas

Q.99 In September 2025, the Ministry of Environment, Forest, and Climate Change introduced which of the following to enhance environmental compliance and governance?

- Ans
- ☐ A. Green Business Certification Framework, 2025
 - ☐ B. Environmental Sustainability and Compliance Rules, 2025
 - ☐ C. Sustainable Practices and Audit Guidelines, 2025
 - ☒ D. Environment Audit Rules, 2025

Q.100 Which city in Madhya Pradesh hosted the foundation stone ceremony of India's first PM MITRA Park, attended by Prime Minister Narendra Modi?

- Ans
- ☐ A. Bhopal
 - ☐ B. Indore
 - ☐ C. Gwalior
 - ☒ D. Dhar