



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 | 01/12/2025           |
| 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 What is the main function of the vas deferens in the male reproductive system?

- Ans ☒ A. Sperm production
- ☒ B. Seminal fluid secretion
- ☒ C. Transporting sperm from the epididymis to the urethra
- ☒ D. Regulating body temperature

Q.2 An atom has 11 protons, 11 electrons and 12 neutrons. What is the mass number of that atom?

- Ans ☒ A. 12
- ☒ B. 23
- ☒ C. 11
- ☒ D. 24

Q.3 An object is placed 30 cm in front of a concave mirror of focal length 15 cm. What will be the image distance v?

- Ans ☒ A. +15 cm
- ☒ B. +30 cm
- ☒ C. -15 cm
- ☒ D. -30 cm

Q.4 Which of the following ensures genetic variation in sexually reproducing animals?

- Ans ☒ A. Offspring receive genes from both parents
- ☒ B. Fertilisation occurs inside the body
- ☒ C. Gametes are formed by mitosis
- ☒ D. Only one parent is involved

Q.5 Which of the following statements is NOT correct?

- Ans ☒ A. The angle of deviation is the angle between the incident ray and emergent ray.
- ☒ B. In a prism, dispersion can occur if white light is used.
- ☒ C. In a prism, the incident ray and emergent ray are always parallel.
- ☒ D. In a prism, the emergent ray bends towards the base of the prism when the incident ray is coming from the base side.

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|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Q.6  | Which gas is mainly responsible for the greenhouse effect and is released when fossil fuels are burned?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Ans  | <div><div> A. Oxygen</div><div> B. Hydrogen</div><div> C. Carbon dioxide</div><div> D. Nitrogen</div></div>                                                                                                                                                              |
| Q.7  | According to Bohr's Model of atom, electrons revolve around the nucleus in _____.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Ans  | <div><div> A. elliptical path</div><div> B. random path</div><div> C. discrete orbits</div><div> D. straight lines</div></div>                                                                                                                                           |
| Q.8  | A net horizontal force of 20 N acts on a 4 kg block initially at rest for 5 s. What is the block's final speed?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Ans  | <div><div> A. 30 m/s</div><div> B. 50 m/s</div><div> C. 25 m/s</div><div> D. 20 m/s</div></div>                                                                                                                                                                          |
| Q.9  | Which of the following correctly defines the amplitude of a wave?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Ans  | <div><div> A. The distance between two consecutive crests</div><div> B. The maximum displacement of the particle from its mean position</div><div> C. The number of vibrations per second</div><div> D. The speed with which the wave travels</div></div>        |
| Q.10 | Which of the following statements is INCORRECT about uniform motion?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Ans  | <div><div> A. The acceleration is zero</div><div> B. The speed varies continuously with time</div><div> C. The body covers equal distances in equal intervals of time</div><div> D. The velocity remains unchanged</div></div>                                   |
| Q.11 | What is the formula of formic acid?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Ans  | <div><div> A. C<sub>2</sub>H<sub>6</sub>O</div><div> B. HCOOH</div><div> C. C<sub>2</sub>H<sub>5</sub>OH</div><div> D. C<sub>2</sub>H<sub>4</sub>O<sub>2</sub></div></div>                                                                                       |
| Q.12 | Which of the following statements is true about magnetic field lines?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Ans  | <div><div> A. Field lines inside a magnet move from north to south.</div><div> B. Field lines outside a magnet move from north to south.</div><div> C. Magnetic field is weaker where lines are close.</div><div> D. Field lines intersect at poles.</div></div> |
| Q.13 | Which of the following carbon compounds burns with a blue, non-sooty flame under normal conditions?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Ans  | <div><div> A. Diesel</div><div> B. Charcoal</div><div> C. Ethanol</div><div> D. Kerosene</div></div>                                                                                                                                                             |

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| Q.14 | What is the role of lysosomes in a cell?                                                                                                                                                                                                                                                                               |
| Ans  | <div>✗ A. To produce ATP</div> <div>✗ B. To transport products</div> <div>✗ C. To store proteins</div> <div>✓ D. To digest foreign material</div>                                                                                                                                                                      |
| Q.15 | Which of the following is NOT considered an organic compound?                                                                                                                                                                                                                                                          |
| Ans  | <div>✗ A. Acetic acid (CH<sub>3</sub>COOH)</div> <div>✓ B. Sodium carbonate (Na<sub>2</sub>CO<sub>3</sub>)</div> <div>✗ C. Ethanol (C<sub>2</sub>H<sub>5</sub>OH)</div> <div>✗ D. Methane (CH<sub>4</sub>)</div>                                                                                                       |
| Q.16 | During the process of electrolytic refining of metals, on passing the current through the electrolyte, the impure metal from the _____ dissolves into the electrolyte.                                                                                                                                                 |
| Ans  | <div>✓ A. anode</div> <div>✗ B. salt bridge</div> <div>✗ C. both anode and cathode</div> <div>✗ D. cathode</div>                                                                                                                                                                                                       |
| Q.17 | An object is thrown straight up and reaches a maximum height of 20 m. If we take g = 10 m/sec <sup>2</sup> , what was the initial speed of the object when it was thrown?                                                                                                                                              |
| Ans  | <div>✗ A. 30 m/sec</div> <div>✓ B. 20 m/sec</div> <div>✗ C. 10 m/sec</div> <div>✗ D. 40 m/sec</div>                                                                                                                                                                                                                    |
| Q.18 | Which of the following observations confirms that a solution is acidic?                                                                                                                                                                                                                                                |
| Ans  | <div>✗ A. Methyl orange: red, Phenolphthalein: pink, Litmus: red</div> <div>✓ B. Methyl orange: red, Phenolphthalein: colourless, Litmus: red</div> <div>✗ C. Methyl orange: yellow, Phenolphthalein: pink, Litmus: blue</div> <div>✗ D. Methyl orange: yellow, Phenolphthalein: colourless, Litmus: blue</div>        |
| Q.19 | Two wires of the same material have equal lengths but their cross-sectional areas are in the ratio 1 : 4. The ratio of their resistances will be:                                                                                                                                                                      |
| Ans  | <div>✓ A. 4 : 1</div> <div>✗ B. 1 : 1</div> <div>✗ C. 1 : 2</div> <div>✗ D. 1 : 4</div>                                                                                                                                                                                                                                |
| Q.20 | A machine does 'W' joule work in time 't' seconds. The power 'P' watt of the machine is given correctly by which of the following relations?                                                                                                                                                                           |
| Ans  | <div>✓ A. <math>P = W/t</math></div> <div>✗ B. <math>P = W^2/t</math></div> <div>✗ C. <math>P = W2t</math></div> <div>✗ D. <math>P = W \times t</math></div>                                                                                                                                                           |
| Q.21 | Based on function, which of the following combinations represent all types of animal tissues found in humans?                                                                                                                                                                                                          |
| Ans  | <div>✓ A. Epithelial tissue, Connective tissue, Muscular tissue and Nervous tissue</div> <div>✗ B. Epithelial tissue, Connective tissue and Reproductive tissue</div> <div>✗ C. Epithelial tissue, Connective tissue and Skeletal tissue</div> <div>✗ D. Epithelial tissue, Muscular tissue and Glandular tissue</div> |

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| Q.22 | Which plastids contain pigments that give plants their yellow, orange or red colours?                                                                                                                                                                                  |
| Ans  | <div><div></div><div>A. Chromoplasts</div></div> <div><div></div><div>B. Chloroplasts</div></div> <div><div></div><div>C. Amyloplasts</div></div> <div><div></div><div>D. Leucoplasts</div></div>                                                                      |
| Q.23 | Which of the following is a key goal of conserving forests and biodiversity?                                                                                                                                                                                           |
| Ans  | <div><div></div><div>A. To promote tourism</div></div> <div><div></div><div>B. To preserve inherited biodiversity</div></div> <div><div></div><div>C. To expand national parks</div></div> <div><div></div><div>D. To allow more industrial use of forests</div></div> |
| Q.24 | Which property of isobars is always different?                                                                                                                                                                                                                         |
| Ans  | <div><div></div><div>A. Total number of nucleons</div></div> <div><div></div><div>B. Mass number</div></div> <div><div></div><div>C. Atomic number</div></div> <div><div></div><div>D. Total number of electrons</div></div>                                           |
| Q.25 | If tall (T) is dominant over short (t), and round seeds (R) are dominant over wrinkled (r), identify the genotype of a plant that shows short height and round seeds.                                                                                                  |
| Ans  | <div><div></div><div>A. ttRR</div></div> <div><div></div><div>B. Trrr</div></div> <div><div></div><div>C. TtRR</div></div> <div><div></div><div>D. TtRr</div></div>                                                                                                    |

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| Section : Mathematics |                                                                                                                                                                                         |
| Q.26                  | The marked price of a chair is ₹7,600, which is 25% above the cost price. It is sold at a discount of 4% on the marked price. Find the profit percentage.                               |
| Ans                   | <div><div></div><div>A. 20%</div></div> <div><div></div><div>B. 22%</div></div> <div><div></div><div>C. 21%</div></div> <div><div></div><div>D. 19%</div></div>                         |
| Q.27                  | Pushpraj and Himani together invested ₹34,100 in a business. At the end of the year, out of a total profit of ₹5,400, Pushpraj's share was ₹2,700. What was the investment of Pushpraj? |
| Ans                   | <div><div></div><div>A. ₹18,870</div></div> <div><div></div><div>B. ₹17,050</div></div> <div><div></div><div>C. ₹15,505</div></div> <div><div></div><div>D. ₹17,260</div></div>         |
| Q.28                  | The product of two consecutive odd numbers is 16383. Which is the smaller one?                                                                                                          |
| Ans                   | <div><div></div><div>A. 123</div></div> <div><div></div><div>B. 129</div></div> <div><div></div><div>C. 127</div></div> <div><div></div><div>D. 125</div></div>                         |

Q.29 A five digit number 761xy is divisible by 90. Find (x + y).

- Ans
- ☐ A. 5
  - ☐ B. 9
  - ☐ C. 10
  - ☒ D. 4

Q.30 The arithmetic mean of the observations 42, 97, 57, 62, 52, 13, 44, 23 and 69 is:

- Ans
- ☒ A. 51
  - ☐ B. 44
  - ☐ C. 48
  - ☐ D. 45

Q.31 Three numbers are in the ratio 17 : 12 : 6 and the sum of these numbers is 1820. Find the middle number.

- Ans
- ☐ A. 623
  - ☐ B. 622
  - ☒ C. 624
  - ☐ D. 621

Q.32 A fruit seller purchases lemons at 2 for a rupee and sells them at 5 for three rupees. Find his profit percentage.

- Ans
- ☐ A. 22
  - ☒ B. 20
  - ☐ C. 24
  - ☐ D. 18

Q.33 If 20% of a number is added to 78, then the result is the same number. 80% of the same number is:

- Ans
- ☒ A. 78
  - ☐ B. 108
  - ☐ C. 88
  - ☐ D. 98

Q.34 Find the area of a triangle whose sides are in the ratio 28 : 23 : 35 and its perimeter is 516 cm.

- Ans
- ☒ A.  $720\sqrt{258} \text{ cm}^2$
  - ☐ B.  $650\sqrt{367} \text{ cm}^2$
  - ☐ C.  $420\sqrt{217} \text{ cm}^2$
  - ☐ D.  $540\sqrt{319} \text{ cm}^2$

Q.35 A and B working together can do a piece of work in 4 days. B alone can do the same work in 20 days. How long (in days) will A alone take to do double the work?

- Ans
- ☐ A. 11
  - ☒ B. 10
  - ☐ C. 13
  - ☐ D. 5

Q.36 In quadrilateral PQRS, the bisectors of  $\angle R$  and  $\angle S$  meet at the point T (inside the quadrilateral) and  $\angle STR = 13.5^\circ$ . If the ratio of  $\angle P$  to  $\angle Q$  is 4 : 5, then what is the difference between the measures of  $\angle Q$  and  $\angle P$ ?

- Ans ☒ A.  $3^\circ$
- ☐ B.  $8^\circ$
- ☐ C.  $5^\circ$
- ☐ D.  $4^\circ$

Q.37 If the ratio of two numbers is 7 : 8, and their HCF is 32, then their LCM is:

- Ans ☐ A. 1809
- ☒ B. 1792
- ☐ C. 1783
- ☐ D. 1833

Q.38 The perimeter (in cm) of a right-angled triangle whose sides that make the right angle are 18 cm and 24 cm, is:

- Ans ☐ A. 79
- ☐ B. 60
- ☒ C. 72
- ☐ D. 68

Q.39 6 men can complete a piece of work in 5 days while 2 women can do it in 15 days. In how many days can 3 women and 3 men complete it?

- Ans ☒ A. 5 days
- ☐ B. 4 days
- ☐ C. 14 days
- ☐ D. 15 days

Q.40 If the mean and mode are equal for the given data. Find x ( $x < 6$ ).

|                |       |       |       |
|----------------|-------|-------|-------|
| Class Interval | 15-25 | 25-35 | 35-45 |
| Quantity       | 6     | 10    | x     |

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

Q.41 Simplify:  $x^2 - (3x - 2)(x + 5)$

- Ans ☒ A.  $-2x^2 - 13x + 10$
- ☐ B.  $2x^2 - 13x + 10$
- ☐ C.  $-2x^2 - 11x + 10$
- ☐ D.  $-x^2 - 13x + 10$

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 83% and that of the TV decreases by 38%, then what is the percentage change in the total cost of 8 washing machines and 4 TVs?

- Ans ☐ A. Increase by 26%
- ☒ B. Increase by 22.5%
- ☐ C. Decrease by 19%
- ☐ D. Decrease by 27%

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| Q.43 | The salary of a person was decreased by 30% and subsequently increased by 30% for 2 years. What is the percentage change in the salary?                                                                                                                               |
| Ans  | <div> <div>✔ A. Increase of 18.3%</div> <div>✘ B. Decrease of 28.9%</div> <div>✘ C. Increase of 21.7%</div> <div>✘ D. Decrease of 34.5%</div> </div>                                                                                                                  |
| Q.44 | A train 1439 m long is running at 36 km/hr. How long will it take to clear a 1331 m long platform completely?                                                                                                                                                         |
| Ans  | <div> <div>✘ A. 281 seconds</div> <div>✘ B. 282 seconds</div> <div>✘ C. 272 seconds</div> <div>✔ D. 277 seconds</div> </div>                                                                                                                                          |
| Q.45 | Raju walks to his office 3.5 km away from home. In the morning, he covers the distance in 1.5 hours, whereas, while returning home in the evening, he takes 30 more minutes to cover the same distance. Find his average speed (in km/hr) during the two-way journey. |
| Ans  | <div> <div>✘ A. 3.5</div> <div>✔ B. 2</div> <div>✘ C. 2.5</div> <div>✘ D. 3</div> </div>                                                                                                                                                                              |
| Q.46 | The ratio of the present ages of two cousins is 3 : 2. After 6 years, the ratio will become 5 : 4. What was the sum of their ages (in years) 4 years ago?                                                                                                             |
| Ans  | <div> <div>✘ A. 11</div> <div>✘ B. 5</div> <div>✘ C. 9</div> <div>✔ D. 7</div> </div>                                                                                                                                                                                 |
| Q.47 | What would the annual interest accrued on a deposit of ₹3,500 in a bank that pays a 17% per annum rate of simple interest be?                                                                                                                                         |
| Ans  | <div> <div>✘ A. ₹545</div> <div>✔ B. ₹595</div> <div>✘ C. ₹495</div> <div>✘ D. ₹615</div> </div>                                                                                                                                                                      |
| Q.48 | A ladder is leaning against a wall, making an angle of 60° with the ground. If the foot of the ladder is 5 m away from the wall, find the length of the ladder.                                                                                                       |
| Ans  | <div> <div>✔ A. 10 m</div> <div>✘ B. 20 m</div> <div>✘ C. 15 m</div> <div>✘ D. 12 m</div> </div>                                                                                                                                                                      |
| Q.49 | Simplify the following:<br>$\frac{5^{3x+4} + 125^x + 1}{125^x + 1 - 5^{3x+2}}$                                                                                                                                                                                        |
| Ans  | <div> <div>✔ A. 7.5</div> <div>✘ B. 8</div> <div>✘ C. 10</div> <div>✘ D. 5</div> </div>                                                                                                                                                                               |

Q.50 A dealer allowed a 73% discount on an article and was still able to manage a 56% profit. Find the ratio of the cost price to listed price.

- Ans ☒ A. 12 : 59
- ☒ B. 9 : 52
- ☒ C. 12 : 54
- ☒ D. 6 : 57

Section : General Intelligence and Reasoning

Q.51 Seven people, B, C, D, I, J, K and L, are sitting around a circular table facing the centre of the table. L sits third to the left of I. Only one person sits between K and B when counted from the left of B. C sits third to the right of D. C sits to the immediate right of L. J is not an immediate neighbour of L. How many people sit between J and B when counted from the right of J?

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

Q.52 In the following triads, each group of letters is related to the subsequent one following a certain logic. Select from the given options, the one which follows the same logic.

FOUR - ORUF - RUOF  
TENS - ESNT - SNET

- Ans ☒ A. RUST - RSUT - TSUR
- ☒ B. CUPS - UCPS - SUPC
- ☒ C. PLUG - LGUP - GULP
- ☒ D. YEAR - EYAR - REAY

Q.53 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) 1 3 5 2 7 1 9 5 1 7 8 4 2 5 7 6 6 5 3 4 7 2 1 7 7 4 9 (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. Six
- ☒ B. Five
- ☒ C. Four
- ☒ D. Seven

Q.54 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.)

(18, 15.7, 19.2)  
(24, 21.7, 25.2)

- Ans ☒ A. (28, 25.7, 28.2)
- ☒ B. (37, 34.7, 39.2)
- ☒ C. (31, 28.7, 32.2)
- ☒ D. (9, 6.7, 11.2)

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| Q.55 | In a row of people all facing north, Aftab is 18 <sup>th</sup> from the right end. Apoorva is 28 <sup>th</sup> from the right end. Apoorva is exactly between Aftab and Piyali. If Piyali is 12 <sup>th</sup> from the left end of the line, how many people are there in the row?                                                                                                                           |
| Ans  | <div>✗ A. 47</div> <div>✗ B. 46</div> <div>✗ C. 48</div> <div>✓ D. 49</div>                                                                                                                                                                                                                                                                                                                                  |
| Q.56 | Refer to the following number, symbol series and answer the question. Counting to be done from left to right only. All numbers are single-digit numbers.<br>(Left) % € € % 6 £ 3 & 1 £ 4 5 7 2 2 & & 9 & 8 8 * (Right)<br>How many such symbols are there each of which is immediately preceded by a number and also immediately followed by a number?                                                       |
| Ans  | <div>✓ A. 4</div> <div>✗ B. 5</div> <div>✗ C. 6</div> <div>✗ D. 3</div>                                                                                                                                                                                                                                                                                                                                      |
| Q.57 | If + means -, - means x, x means ÷, ÷ means +, then what will come in place of the question mark (?) in the following equation?<br><br>15 – 10 ÷ 4 + 20 x 5 = ?                                                                                                                                                                                                                                              |
| Ans  | <div>✓ A. 150</div> <div>✗ B. 146</div> <div>✗ C. 152</div> <div>✗ D. 148</div>                                                                                                                                                                                                                                                                                                                              |
| Q.58 | In a certain code language, 'VAIL' is coded as '6598' and 'OVAL' is coded as '8619'. What is the code for 'O' in the given code language?                                                                                                                                                                                                                                                                    |
| Ans  | <div>✓ A. 1</div> <div>✗ B. 8</div> <div>✗ C. 6</div> <div>✗ D. 9</div>                                                                                                                                                                                                                                                                                                                                      |
| Q.59 | What should come in place of the question mark (?) in the given series?<br><br>99 87 75 63 51 ?                                                                                                                                                                                                                                                                                                              |
| Ans  | <div>✗ A. 38</div> <div>✓ B. 39</div> <div>✗ C. 36</div> <div>✗ D. 37</div>                                                                                                                                                                                                                                                                                                                                  |
| Q.60 | Mayank starts from Point A and drives 9 km towards the East. He then takes a left turn, drives 6 km, turns left and drives 17 km. He then takes a left turn and drives 15 km. He takes a final left turn, drives 8 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  | <div>✗ A. 8 km to the South</div> <div>✓ B. 9 km to the North</div> <div>✗ C. 9 km to the South</div> <div>✗ D. 8 km to the North</div>                                                                                                                                                                                                                                                                      |

|      |                                                                                                                                                                                                                                                                                                                                                                                                      |
|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Q.61 | In the following triads, each group of letters is related to the subsequent one following a certain logic. Select from the given options, the one which follows the same logic.<br>BLUE - LBUE - ELBU<br>TWIN - WTIN - NWTI                                                                                                                                                                          |
| Ans  | <div><input checked="" type="checkbox"/> A. FOUR - OFUR - ROFU</div> <div><input type="checkbox"/> B. POST - PSOT - TSOP</div> <div><input type="checkbox"/> C. URGE - RUGE - RGEU</div> <div><input type="checkbox"/> D. READ - ERAD - DEAR</div>                                                                                                                                                   |
| 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.)<br><br>(Left) 1 9 6 4 8 8 9 8 7 7 6 5 8 3 4 3 7 5 9 1 5 2 7 1 1 5 9 (Right)<br><br>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  | <div><input type="checkbox"/> A. 4</div> <div><input type="checkbox"/> B. 7</div> <div><input type="checkbox"/> C. 6</div> <div><input checked="" type="checkbox"/> D. 5</div>                                                                                                                                                                                                                       |
| Q.63 | A, B, C, R, S, T and U are sitting around a circular table, facing the centre of the table. R sits to the immediate left of U. B sits to the immediate left of C. C sits second to the left of T. A sits third to the left of U. Who sits third to the right of S?                                                                                                                                   |
| Ans  | <div><input type="checkbox"/> A. C</div> <div><input checked="" type="checkbox"/> B. A</div> <div><input type="checkbox"/> C. T</div> <div><input type="checkbox"/> D. U</div>                                                                                                                                                                                                                       |
| Q.64 | A, B, C, D, W, X and Y are sitting around a circular table facing the centre of the table. A sits fourth to the left of Y. W sits fourth to the right of C. Only two people sit between Y and C when counted from the left of Y. X is not an immediate neighbour of W or Y. D is not an immediate neighbour of X. Who sits third to the right of B?                                                  |
| Ans  | <div><input type="checkbox"/> A. C</div> <div><input checked="" type="checkbox"/> B. D</div> <div><input type="checkbox"/> C. A</div> <div><input type="checkbox"/> D. Y</div>                                                                                                                                                                                                                       |
| Q.65 | 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?<br>(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)                                                                             |
| Ans  | <div><input type="checkbox"/> A. KO-IL</div> <div><input type="checkbox"/> B. CG-AD</div> <div><input checked="" type="checkbox"/> C. GK-EI</div> <div><input type="checkbox"/> D. EI-CF</div>                                                                                                                                                                                                       |
| Q.66 | What should come in place of the question mark (?) in the given series?<br><br>8 18 30 44 ? 78                                                                                                                                                                                                                                                                                                       |
| Ans  | <div><input type="checkbox"/> A. 50</div> <div><input type="checkbox"/> B. 65</div> <div><input checked="" type="checkbox"/> C. 60</div> <div><input type="checkbox"/> D. 70</div>                                                                                                                                                                                                                   |

Q.67 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. LO-IM
  - ☒ B. JM-GL
  - ☒ C. NQ-KO
  - ☒ D. PS-MQ

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:**  
All pathways are roads.  
No pathway is a garden.

**Conclusions:**  
(I): Some gardens are roads.  
(II): All roads are gardens.

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

Q.69 In the following triads, each group of letters is related to the subsequent one following a certain logic. Select from the given options, the one which follows the same logic.  
GIFT - IFGT - TFIG  
LAND - ANLD - DNAL

- Ans
- ☒ A. FISH - IFSH - HISF
  - ☒ B. WEPT - EPWT - EPTW
  - ☒ C. FLAG - LAFG - GALF
  - ☒ D. SOLD - SLOD - DLOS

Q.70 Mr. Zzz starts from Point A and drives 8 km towards east. He then takes a right turn, drives 11 km, turns right and drives 17 km. He then takes a right turn and drives 21 km. He takes a final right turn, drives 9 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90-degree turns only, unless specified.)

- Ans
- ☒ A. 13 km to the east
  - ☒ B. 11 km to the north
  - ☒ C. 12 km to the west
  - ☒ D. 10 km to the south

Q.71 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

MEW154, SKC131, YQI108, EWO85, ?

- Ans
- ☒ A. KDU62
  - ☒ B. LCU62
  - ☒ C. KCU62
  - ☒ D. KCV62

Q.72 In a certain code language,  
P @ Q means 'P is the husband of Q',  
P # Q means 'P is the brother of Q',  
P & Q means 'P is the mother of Q', and  
P % Q means 'P is the sister of Q'.

Based on the above, how is D related to E if 'D # S @ Z & M % E'?

- Ans  A. Mother's father
-  B. Father's brother
-  C. Wife's father
-  D. Father's sister

Q.73 A group of numbers/symbols is coded using letter codes as per the codes given below and the conditions that follow. The correct combination of codes following the conditions is your answer.  
Note: If none of the conditions apply, then the codes for the respective number/symbol are to be followed directly as given in the table.

| Numbers/symbols | % | 8 | 2 | \$ | 6 | 3 | + | 7 | @ | 9 | * | 5 | # | 4 |
|-----------------|---|---|---|----|---|---|---|---|---|---|---|---|---|---|
| Codes           | S | D | R | P  | K | H | L | G | B | U | C | N | W | Q |

Conditions:  
(i) If both the second and third elements are perfect squares, the codes for these two (the second and third elements) are to be interchanged.  
(ii) If the first element and the third element are even numbers, these two (the first and third elements) are to be coded as &.  
(iii) If both the second and third elements are multiples of 3, the third element is to be coded as the code for the second element.  
What will be the code for the following group?  
\$ 9 6 @ 7

- Ans  A. & U & B G
-  B. P U U B G
-  C. G U K B P
-  D. P K K B G

Q.74 If each of the digits in the number 243178569 is arranged in descending order from left to right, then what will be the sum of the digits which are second from the right and third from the left in the new number thus formed?

- Ans  A. 10
-  B. 16
-  C. 14
-  D. 9

Q.75 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

QIS38, SLQ42, UOO46, ?

- Ans  A. XRN50
-  B. WSM49
-  C. XSN49
-  D. WRM50

Q.76 Seven boxes M, N, O, P, Q, R and S are kept one over the other but not necessarily in the same order. Only two boxes are kept below S. Only one box is kept above Q. Only one box is kept between Q and P. R is kept immediately above N. O is kept at some place below M. How many boxes are kept between M and R?

- Ans  A. Two
-  B. Four
-  C. Three
-  D. One

Q.77

If + means −, − means ×, × means ÷ and ÷ means +, then what will come in place of the question mark (?) in the following equation?  
  
113 − 9 ÷ 17 + 519 × 3 = ?

Ans

✖

A. 852

✖

B. 869

✖

C. 858

✔

D. 861

Q.78

Refer to the following number and symbol series and answer the question that follows.  
Counting to be done from left to right only. All numbers are single-digit numbers.  
  
(Left) # € % # 6 & 4 \* 9 6 @ 5 % @ # © 8 # % \* £ 2 (Right)  
  
How many such numbers are there each of which is immediately preceded by a symbol and also immediately followed by a symbol?

Ans

✖

A. 8

✔

B. 4

✖

C. 6

✖

D. 5

Q.79

What should come in place of the question mark (?) in the given series?  
  
621 623 627 633 641 ?

Ans

✖

A. 649

✔

B. 651

✖

C. 647

✖

D. 645

Q.80

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 cars are vehicles.  
All vehicles are machines.  
  
**Conclusions**  
(I): Some machines are cars.  
(II): No cars are machines.

Ans

✔

A. Only conclusion (I) follows

✖

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

✖

C. Only conclusion (II) follows

✖

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

Section : General Awareness and Current Affairs

Q.81

According to the India BioEconomy Report 2025, how much is India's BioEconomy valued at in 2024?

Ans

✖

A. \$100.4 billion

✔

B. \$165.7 billion

✖

C. \$300.6 billion

✖

D. \$250.2 billion

|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Q.82 | In which of the following cities was the inauguration of the Recognition of Prior Learning – Certification in Indian Sign Language Interpretation (RPL–CISLI) programme held in August 2025?                                                                                                                                                                                                                                                                                                                     |
| Ans  | <div><div> A. Lucknow</div><div> B. New Delhi</div><div> C. Ahmedabad</div><div> D. Chennai</div></div>                                                                      |
| Q.83 | Which Indian state topped the 'Environment' theme in the State of States rankings of the State of India's Environment 2025 report released by the Centre for Science and Environment (CSE)?                                                                                                                                                                                                                                                                                                                      |
| Ans  | <div><div> A. Himachal Pradesh</div><div> B. Uttar Pradesh</div><div> C. Madhya Pradesh</div><div> D. Andhra Pradesh</div></div>                                             |
| Q.84 | Who scored the highest individual score in a single innings during IPL 2025?                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Ans  | <div><div> A. Abhishek Sharma</div><div> B. KL Rahul</div><div> C. Mitchell Marsh</div><div> D. Rishabh Pant</div></div>                                                   |
| Q.85 | Which of the following countries hosted the largest yoga session with over 1.5 million participants in 2025?                                                                                                                                                                                                                                                                                                                                                                                                     |
| Ans  | <div><div> A. UAE</div><div> B. India</div><div> C. Nepal</div><div> D. USA</div></div>                                                                              |
| Q.86 | Which athlete won the Arjuna Award for boxing in January 2025?                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Ans  | <div><div> A. Saweety Boora</div><div> B. Nikhat Zareen</div><div> C. Parveen Hooda</div><div> D. Lovlina Borgohain</div></div>                                      |
| Q.87 | In June 2025, the Department of Financial Services (DFS), Ministry of Finance, convened a high-level meeting co-chaired by M Nagaraju, Secretary, Department of Financial Services and T Rabi Sankar, Deputy Governor, RBI at New Delhi, on scaling up ULI. What is the full form of ULI?                                                                                                                                                                                                                        |
| Ans  | <div><div> A. Unique Lending Index</div><div> B. Unified Lending Interface</div><div> C. Urban Lending Interface</div><div> D. Universal Loan Identifier</div></div> |
| Q.88 | Which of the following organised the Summer Book Writing Festival in 2025?                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Ans  | <div><div> A. Random House</div><div> B. HarperCollins</div><div> C. BriBooks</div><div> D. Penguin India</div></div>                                                |

|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Q.89 | What was the name of the bilateral naval exercise between the Indian Navy and the French Navy held in March 2025?                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Ans  | <div><div> A. MITRA</div><div> B. EKUVERIN</div><div> C. VARUNA</div><div> D. DOSTANA</div></div>                                                                                                                 |
| Q.90 | Who is the Chairperson of the 16 <sup>th</sup> Finance Commission of India?                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Ans  | <div><div> A. Raghuram Rajan</div><div> B. Arvind Panagariya</div><div> C. N. K. Singh</div><div> D. Suman Bery</div></div>                                                                                       |
| Q.91 | Which of the following novels won the 2025 Pulitzer Prize for Fiction?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Ans  | <div><div> A. Every Living Thing</div><div> B. Native Nations</div><div> C. James</div><div> D. Feeding Ghosts</div></div>                                                                                        |
| Q.92 | On 20 <sup>th</sup> May, 2025, the Supreme Court (SC) reinstated the requirement of how many years of legal practice for law graduates to apply for civil judge (junior division) posts, reversing its 2002 decision?                                                                                                                                                                                                                                                                                                                                 |
| Ans  | <div><div> A. 3 years</div><div> B. 4 years</div><div> C. 2 years</div><div> D. 5 years</div></div>                                                                                                       |
| Q.93 | Which party won the by-election to the Visavadar Assembly Constituency (Gujarat) in June 2025?                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Ans  | <div><div> A. Bhartiya Janata Party</div><div> B. Bahujan Samaj Party</div><div> C. Indian National Congress</div><div> D. Aam Aadmi Party</div></div>                                                    |
| Q.94 | Which among the following civic suggestions did Karnataka’s Deputy Chief Minister give in September 2025 to improve governance quality in Bengaluru?                                                                                                                                                                                                                                                                                                                                                                                                  |
| Ans  | <div><div> A. Monthly public grievance meets</div><div> B. Citizen rating system for officials</div><div> C. Volunteer audit committees</div><div> D. Pay taxes, declare assets, hide nothing</div></div> |
| Q.95 | Which country was ranked highest for gender equality in the Global Gender Gap Report, 2025, released by the World Economic Forum in May 2025?                                                                                                                                                                                                                                                                                                                                                                                                         |
| Ans  | <div><div> A. Germany</div><div> B. Sweden</div><div> C. Iceland</div><div> D. Norway</div></div>                                                                                                         |

Q.96 Who set the men’s 10,000 m record of 27:00.22 at TEN 2025 meet?

- Ans
- ☐ A. Jinson Johnson
  - ☐ B. Shivnath Singh
  - ☐ C. Avinash Sable
  - ☒ D. Gulveer Singh

Q.97 World Environment Day was observed on 5 June 2025 with a special focus to end which of the following?

- Ans
- ☒ A. Plastic Pollution
  - ☐ B. E waste Pollution
  - ☐ C. Sewage Pollution
  - ☐ D. Mercury Pollution

Q.98 How many prototypes of the Advanced Medium Combat Aircraft (AMCA) does India plan to develop before starting series production?

- Ans
- ☐ A. Three
  - ☐ B. Four
  - ☒ C. Five
  - ☐ D. Six

Q.99 Who among the following was appointed as Executive Director of the Reserve Bank of India in March 2025 to look after Department of Statistics and Information Management and Financial Stability Department?

- Ans
- ☒ A. Dr. Ajit Ratnakar Joshi
  - ☐ B. Dr. V Anantha Nageswaran
  - ☐ C. Dr. Urjit Patel
  - ☐ D. Dr. Swaminathan J

Q.100 India is drafting its first comprehensive framework, National Adaptation Plan (NAP), to be submitted to the United Nations Framework Convention on Climate Change (UNFCCC) by September 2025 in compliance with the \_\_\_\_\_.

- Ans
- ☒ A. Paris Agreement
  - ☐ B. Montreal Convention
  - ☐ C. Kyoto Protocol
  - ☐ D. Cartagena Protocol