



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 | 26/12/2025           |
| 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.1 100 J of heat is produced in an electrical geyser when 1 A current flows through it for 10 secs. How much is the resistance of the geyser?

- Ans ☒ A. 0.1  $\Omega$
- ☒ B. 10  $\Omega$
- ☒ C. 1  $\Omega$
- ☒ D. 100  $\Omega$

Q.2 Which of the following practices would conserve the natural forest cover and different forest products?

- Ans ☒ A. Deforestation
- ☒ B. Burning of forest
- ☒ C. Promoting afforestation
- ☒ D. Grazing in green forest

Q.3 Which of the following refining methods is very important commercially?

- Ans ☒ A. Ionic methods
- ☒ B. Chemical methods
- ☒ C. Electrochemical methods
- ☒ D. Physical methods

Q.4 Which of the following processes represents the most specific purpose of meiotic cell division?

- Ans ☒ A. Digestion
- ☒ B. Excretion
- ☒ C. Respiration
- ☒ D. Reproduction

Q.5 For a body moving in a straight line, if the distance covered from point A to point B is 10 km, then which of the following statements is true regarding the displacement of the body from point A to point B?

- Ans ☒ A. The displacement must be greater than 10 km.
- ☒ B. The displacement is always zero.
- ☒ C. The displacement is always less than 10 km.
- ☒ D. The displacement is equal to 10 km.

|      |                                                                                                                                                                                                                                                                                                                                                                                                                            |
|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Q.6  | The correct IUPAC name of $\text{CH}_3\text{COCH}_3$ is:                                                                                                                                                                                                                                                                                                                                                                   |
| Ans  | <div><div><input checked="" type="checkbox"/> A. propanone, a ketone with the carbonyl on the middle carbon</div><div><input type="checkbox"/> B. propanal, with an aldehyde group on a three-carbon chain</div><div><input type="checkbox"/> C. propene, an alkene with a double bond between two carbons</div><div><input type="checkbox"/> D. propanoic acid, with a carboxylic acid at the terminal carbon</div></div> |
| Q.7  | The strength of the magnetic field around a straight wire depends on:                                                                                                                                                                                                                                                                                                                                                      |
| Ans  | <div><div><input type="checkbox"/> A. Resistance of the wire</div><div><input type="checkbox"/> B. Voltage applied</div><div><input checked="" type="checkbox"/> C. Current and distance from the wire</div><div><input type="checkbox"/> D. Length of the wire only</div></div>                                                                                                                                           |
| Q.8  | Which enzyme is responsible for the breakdown of complex sugar molecules into simple glucose in human beings?                                                                                                                                                                                                                                                                                                              |
| Ans  | <div><div><input type="checkbox"/> A. Pepsin</div><div><input type="checkbox"/> B. Lipase</div><div><input type="checkbox"/> C. Bile Juice</div><div><input checked="" type="checkbox"/> D. Amylase</div></div>                                                                                                                                                                                                            |
| Q.9  | Which of the following is the correct sequence of events of sexual reproduction?                                                                                                                                                                                                                                                                                                                                           |
| Ans  | <div><div><input type="checkbox"/> A. Embryo → Zygote → Fertilisation → Foetus</div><div><input type="checkbox"/> B. Foetus → Embryo → Zygote → Fertilisation</div><div><input type="checkbox"/> C. Zygote → Fertilisation → Embryo → Foetus</div><div><input checked="" type="checkbox"/> D. Fertilisation → Zygote → Embryo → Foetus</div></div>                                                                         |
| Q.10 | A rainbow, which is a natural spectrum appearing in the sky after a rain shower, is primarily caused by which action of water droplets on sunlight?                                                                                                                                                                                                                                                                        |
| Ans  | <div><div><input type="checkbox"/> A. Only total internal reflection</div><div><input type="checkbox"/> B. Internal reflection followed by scattering</div><div><input type="checkbox"/> C. Light bending due to changes in air density</div><div><input checked="" type="checkbox"/> D. Refraction and dispersion, followed by internal reflection, and then final refraction</div></div>                                 |
| Q.11 | Heating calcium carbonate produces calcium oxide and carbon dioxide. This is an example of which type of chemical reaction?                                                                                                                                                                                                                                                                                                |
| Ans  | <div><div><input checked="" type="checkbox"/> A. Decomposition</div><div><input type="checkbox"/> B. Double displacement</div><div><input type="checkbox"/> C. Displacement</div><div><input type="checkbox"/> D. Combination</div></div>                                                                                                                                                                                  |
| Q.12 | Which type of molecule of an element is characterised by having only one type of atom?                                                                                                                                                                                                                                                                                                                                     |
| Ans  | <div><div><input type="checkbox"/> A. Diatomic</div><div><input type="checkbox"/> B. Polyatomic</div><div><input checked="" type="checkbox"/> C. Monoatomic</div><div><input type="checkbox"/> D. Triatomic</div></div>                                                                                                                                                                                                    |

|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
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| Q.13 | <p>Select the option that is true regarding the following two statements labelled Assertion (A) and Reason (R).</p> <p><b>Assertion (A):</b> Precipitation reactions produce soluble salts.<br/> <b>Reason (R):</b> Precipitation reactions involve exchange of ions in solution.</p> <p>Ans    <input type="checkbox"/> A. Both A and R are true, and R is the correct explanation of A.<br/> <input type="checkbox"/> B. A is true, but R is false.<br/> <input type="checkbox"/> C. Both A and R are true, and R is not the correct explanation of A.<br/> <input checked="" type="checkbox"/> D. A is false, but R is true.</p> |
| Q.14 | <p>Which of the following is NOT correct?</p> <p>Ans    <input checked="" type="checkbox"/> A. Pressure in a fluid depends on the shape of the container<br/> <input type="checkbox"/> B. Pressure in a fluid acts in all directions<br/> <input type="checkbox"/> C. Pressure = force/area<br/> <input type="checkbox"/> D. Pressure in a fluid increases with depth</p>                                                                                                                                                                                                                                                           |
| Q.15 | <p>Which of the following organisms may help in pollination of a flower?</p> <p>Ans    <input type="checkbox"/> A. Amoeba<br/> <input checked="" type="checkbox"/> B. Honey bee<br/> <input type="checkbox"/> C. Euglena<br/> <input type="checkbox"/> D. Plasmodium</p>                                                                                                                                                                                                                                                                                                                                                            |
| Q.16 | <p>Which of the following suits the best for the order of budding in organisms?</p> <p>1. Bud Formation<br/> 2. Cytoplasmic Division<br/> 3. Nucleus Division<br/> 4. Detachment of Bud</p> <p>Ans    <input type="checkbox"/> A. 1 – 2 – 3 – 4<br/> <input type="checkbox"/> B. 3 – 1 – 2 – 4<br/> <input checked="" type="checkbox"/> C. 1 – 3 – 2 – 4<br/> <input type="checkbox"/> D. 2 – 1 – 3 – 4</p>                                                                                                                                                                                                                         |
| Q.17 | <p>Which type of muscular tissue is present in the wall of the stomach?</p> <p>Ans    <input type="checkbox"/> A. Cardiac muscle tissue<br/> <input type="checkbox"/> B. Skeletal muscle tissue<br/> <input checked="" type="checkbox"/> C. Smooth muscle tissue<br/> <input type="checkbox"/> D. Fluid connective tissue</p>                                                                                                                                                                                                                                                                                                       |
| Q.18 | <p>Which of the following performs the function of reflex action?</p> <p>Ans    <input checked="" type="checkbox"/> A. Spinal cord<br/> <input type="checkbox"/> B. Cranium<br/> <input type="checkbox"/> C. Hypothalamus<br/> <input type="checkbox"/> D. Pituitary gland</p>                                                                                                                                                                                                                                                                                                                                                      |
| Q.19 | <p>Which of the following shows the correct chain of events when a vibrating body produces sound?</p> <p>Ans    <input checked="" type="checkbox"/> A. Vibration → Particles of medium vibrate → Sound wave propagates → Sound is heard<br/> <input type="checkbox"/> B. Vibration → Electricity → Sound<br/> <input type="checkbox"/> C. Sound → Vibration → Medium vibration → Ear detects<br/> <input type="checkbox"/> D. Vibration → Light → Heat → Sound</p>                                                                                                                                                                  |

|      |                                                                                                                                                                                                                                                                                                                                                                                                                     |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Q.20 | Which statement accurately describes a key difference between mixtures and compounds regarding separation?                                                                                                                                                                                                                                                                                                          |
| Ans  | <div>✗ A. They have a sharp melting and boiling point.</div> <div>✗ B. They are always formed with an absorption of heat.</div> <div>✓ C. Their components can be separated by physical methods.</div> <div>✗ D. The identity of the original substances is lost.</div>                                                                                                                                             |
| Q.21 | Why does the Sun appear to rise earlier and set later than it actually does?                                                                                                                                                                                                                                                                                                                                        |
| Ans  | <div>✗ A. Because the Sun moves faster near the horizon</div> <div>✗ B. Due to the Earth's rotation slowing down during sunrise and sunset</div> <div>✓ C. Because of atmospheric refraction</div> <div>✗ D. Due to the Moon's gravitational influence on sunlight</div>                                                                                                                                            |
| Q.22 | Which of the following statements is correct about acceleration?                                                                                                                                                                                                                                                                                                                                                    |
| Ans  | <div>✗ A. Acceleration is positive when it is opposite to the direction of velocity.</div> <div>✓ B. Acceleration is negative when it acts opposite to the direction of velocity.</div> <div>✗ C. The SI unit of acceleration is m/s.</div> <div>✗ D. Acceleration is always positive, regardless of direction.</div>                                                                                               |
| Q.23 | Which of the following is a form of mechanical energy?                                                                                                                                                                                                                                                                                                                                                              |
| Ans  | <div>✗ A. Heat energy</div> <div>✗ B. Sound energy</div> <div>✓ C. Kinetic energy</div> <div>✗ D. Chemical energy</div>                                                                                                                                                                                                                                                                                             |
| Q.24 | In galvanisation process, which of the following metals is used to depositing the layer on iron?                                                                                                                                                                                                                                                                                                                    |
| Ans  | <div>✓ A. Zinc</div> <div>✗ B. Iron</div> <div>✗ C. Platinum</div> <div>✗ D. Silver</div>                                                                                                                                                                                                                                                                                                                           |
| Q.25 | Which of the following reactions is an example of a precipitation reaction?                                                                                                                                                                                                                                                                                                                                         |
| Ans  | <div>✗ A. <math>\text{Zn} + \text{H}_2\text{SO}_4 \rightarrow \text{ZnSO}_4 + \text{H}_2\uparrow</math></div> <div>✓ B. <math>\text{AgNO}_3 + \text{NaCl} \rightarrow \text{AgCl}\downarrow + \text{NaNO}_3</math></div> <div>✗ C. <math>\text{NaOH} + \text{HCl} \rightarrow \text{NaCl} + \text{H}_2\text{O}</math></div> <div>✗ D. <math>\text{CaCO}_3 \rightarrow \text{CaO} + \text{CO}_2\uparrow</math></div> |

|                       |                                                                                                                                              |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| Section : Mathematics |                                                                                                                                              |
| Q.26                  | A grocer marked his goods at 80% above their cost price and sold them at a discount of X%. If he gained 8% profit, then find the value of X. |
| Ans                   | <div>✓ A. 40</div> <div>✗ B. 37</div> <div>✗ C. 38</div> <div>✗ D. 41</div>                                                                  |

Q.27 If 20% of a number is added to 60, then the result is the same number. 70% of the same number is:

- Ans
- ☐ A. 72.5
  - ☐ B. 82.5
  - ☐ C. 62.5
  - ☒ D. 52.5

Q.28 Find the simple interest (in ₹) on ₹2,000 at 7% per annum rate of interest for the period from 4 February 2023 to 18 April 2023.

- Ans
- ☒ A. 28
  - ☐ B. 29
  - ☐ C. 27
  - ☐ D. 26

Q.29 A person buys a book for ₹300 and sells it for ₹335. What will be his gain percentage?

- Ans
- ☐ A.  $11\frac{1}{3}\%$
  - ☐ B.  $11\frac{4}{3}\%$
  - ☐ C.  $11\frac{5}{3}\%$
  - ☒ D.  $11\frac{2}{3}\%$

Q.30 A man has to cover a distance of 132 km in 14 hours. If he covers two – thirds of this distance in  $\frac{3}{7}$ th of the time, then what should be his speed (in km/hr) to cover the remaining distance in the remaining time?

- Ans
- ☐ A. 7.3
  - ☒ B. 5.5
  - ☐ C. 12.7
  - ☐ D. 3.8

Q.31  $\frac{1}{20}$  is what percentage of  $\frac{11}{20}$ ? (Rounded off to two decimal places.)

- Ans
- ☐ A. 24.09%
  - ☐ B. 18.18%
  - ☒ C. 9.09%
  - ☐ D. 19.09%

Q.32 A total profit of ₹27,600 is to be distributed amongst A, B and C such that A : B = 18 : 6 and B : C = 7 : 12. The share (in ₹) of C in the profit is:

- Ans
- ☐ A. 8,430
  - ☐ B. 8,230
  - ☒ C. 8,280
  - ☐ D. 8,180

Q.33 For 12 innings, a cricketer has an average of 52 runs. In the 13<sup>th</sup> inning, he scores 183 runs. His average score increased by \_\_\_\_\_. (Round off the answer to the nearest whole number.)

- Ans
- ☐ A. 16
  - ☐ B. 7
  - ☒ C. 10
  - ☐ D. 18

**Q.34** A local cinema charges ₹150 per youth ticket and ₹250 per adult ticket. One evening, the theater sold a total of 200 tickets, collecting ₹38,000 in revenue. Find out how many youth tickets and how many adult tickets were sold?

- Ans**
- ☐ A. 100 youth tickets and 100 adult tickets
  - ☐ B. 90 youth tickets and 110 adult tickets
  - ☒ C. 120 youth tickets and 80 adult tickets
  - ☐ D. 80 youth tickets and 120 adult tickets

**Q.35** What will come in place of 'X' and  $X > 0$  in the equation  $\frac{X}{75} = \frac{12}{X}$ ?

- Ans**
- ☐ A. 28
  - ☒ B. 30
  - ☐ C. 33
  - ☐ D. 31

**Q.36** In  $\triangle ABC$ ,  $BD \perp AC$  at D and  $\angle DBC = 33^\circ$ . E is a point on BC such that  $\angle CAE = 70^\circ$ . What is the measure of  $\angle AEB$ ?

- Ans**
- ☐ A.  $135^\circ$
  - ☐ B.  $132^\circ$
  - ☒ C.  $127^\circ$
  - ☐ D.  $131^\circ$

**Q.37** After allowing a discount of 54% on the marked price of an article, it is sold for ₹29,946. Find its marked price (in ₹).

- Ans**
- ☐ A. 65,322
  - ☐ B. 65,144
  - ☒ C. 65,100
  - ☐ D. 64,998

**Q.38** Arun and Manish can do a piece of work in 15 days. Manish and Tarun can do the same work in 12 days and Tarun and Arun can do it in 10 days. Find the time taken by Arun alone to complete the same work.

- Ans**
- ☐ A. 18 days
  - ☐ B. 22 days
  - ☐ C. 25 days
  - ☒ D. 24 days

**Q.39** The sum of two numbers is 60 and their HCF and LCM are 12 and 72, respectively. Then the sum of the reciprocals of the two numbers is:

- Ans**
- ☐ A.  $\frac{1}{6}$
  - ☐ B.  $\frac{5}{36}$
  - ☐ C.  $\frac{7}{12}$
  - ☒ D.  $\frac{5}{72}$

**Q.40** ABCD is a parallelogram. P and Q are two points lying on the sides DC and AD, respectively. The area of  $\triangle APB$  is equal to:

- Ans**
- ☒ A. the area of  $\triangle BQC$
  - ☐ B. the area of  $\triangle DQC$
  - ☐ C. half of the area of quadrilateral ABPD
  - ☐ D. the area of  $(\triangle BQC + \triangle ABQ)$

|      |                                                                                                                                                                                                     |
|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Q.41 | If $x - y = 3$ and $xy = 18$ , what is $x^2 - y^2$ ?                                                                                                                                                |
| Ans  | <div>✗ A. 22</div> <div>✗ B. 25</div> <div>✓ C. 27</div> <div>✗ D. 20</div>                                                                                                                         |
| Q.42 | If the cost of painting the whole surface area of a cubical structure, at the rate of 23 paise per $\text{cm}^2$ , is ₹1,006.02, then find the volume of the cubical structure (in $\text{cm}^3$ ). |
| Ans  | <div>✗ A. 19,691</div> <div>✓ B. 19,683</div> <div>✗ C. 19,676</div> <div>✗ D. 19,688</div>                                                                                                         |
| Q.43 | Two trains are running in opposite directions at the same speed. If the length of each train is 968 m and they cross each other in 22 seconds, then what is the speed of each train?                |
| Ans  | <div>✗ A. 48 m/s</div> <div>✓ B. 44 m/s</div> <div>✗ C. 38 m/s</div> <div>✗ D. 35 m/s</div>                                                                                                         |
| Q.44 | A point lies on the ground such that its distance from the top of a building is twice its distance from the bottom, which is 15 units. Find the height (in units) of the building.                  |
| Ans  | <div>✓ A. <math>15\sqrt{3}</math></div> <div>✗ B. <math>10\sqrt{3}</math></div> <div>✗ C. <math>15\sqrt{2}</math></div> <div>✗ D. <math>10\sqrt{2}</math></div>                                     |
| Q.45 | Which of the following numbers is divisible by 3?                                                                                                                                                   |
| Ans  | <div>✗ A. 245</div> <div>✓ B. 123</div> <div>✗ C. 557</div> <div>✗ D. 781</div>                                                                                                                     |
| Q.46 | Simplify: $\sqrt{8} + 2\sqrt{32} - \sqrt{128} + 2\sqrt{50}$                                                                                                                                         |
| Ans  | <div>✓ A. <math>12\sqrt{2}</math></div> <div>✗ B. <math>4\sqrt{2}</math></div> <div>✗ C. <math>\sqrt{2}</math></div> <div>✗ D. <math>3\sqrt{2}</math></div>                                         |
| Q.47 | A teacher is currently four times as old as one of her students. Five years ago, she was seven times as old as the same student was at that time. What is the teacher's current age (in years)?     |
| Ans  | <div>✗ A. 35</div> <div>✗ B. 45</div> <div>✓ C. 40</div> <div>✗ D. 50</div>                                                                                                                         |

Q.48 The arithmetic mean of the observations 42, 29, 42, 58, 18, 39, 41, 79 and 93 is:

- Ans
- ☐ A. 58
  - ☐ B. 46
  - ☒ C. 49
  - ☐ D. 47

Q.49 P and Q together can fill a cistern with water in 12 hours. If P alone can fill the cistern with water in 30 hours, then in how many hours will Q alone fill one-fourth of the same cistern with water?

- Ans
- ☐ A. 10
  - ☐ B. 6
  - ☐ C. 11
  - ☒ D. 5

Q.50 The price of fuel decreases by 30%, 25% and 45% in three successive months, but increases by 45% in the fourth month. What is the percentage increase/decrease in the price of fuel in the fourth month as compared to its original price? (Round off the answer to two decimal places.)

- Ans
- ☐ A. Decreases by 57.65%
  - ☐ B. Increases by 64.88%
  - ☒ C. Decreases by 58.13%
  - ☐ D. Increases by 59.54%

Section : General Intelligence and Reasoning

Q.51 In a certain code language, ‘will you go’ is coded as ‘rt sj mn’ and ‘ will kill you’ is coded as ‘sj rt pr’. How is ‘kill’ coded in the given language?

- Ans
- ☐ A. rt
  - ☐ B. sj
  - ☒ C. pr
  - ☐ D. mn

Q.52 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) 3 3 > + / \ ^ # + @ 7 9 3 6 \$ \ + 9 > 6 & (Right)

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

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

Q.53 ACEH is related to GIKN in a certain way based on the English alphabetical order. In the same way, KMOR is related to QSUX. To which of the given options is JLNQ related, following the same logic?

- Ans
- ☐ A. PSSB
  - ☐ B. PQSW
  - ☒ C. PRTW
  - ☐ D. PRSW

Q.54 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

HNF LSJ PXN TCR ?

- Ans  A. WHU
-  B. YGW
-  C. XHV
-  D. WIV

Q.55 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. OQ–MO
-  B. DF–BD
-  C. UW–SU
-  D. IK–FK

Q.56 If ‘A’ stands for ‘÷’, ‘B’ stands for ‘x’, ‘C’ stands for ‘+’ and ‘D’ stands for ‘–’, then what will come in place of the question mark (?) in the following equation?

41 C 9 B 12 A 4 D 10 = ?

- Ans  A. 54
-  B. 50
-  C. 58
-  D. 64

Q.57 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

FEA 40 EDZ 32 DCY 24 CBX 16 ?

- Ans  A. BEI 7
-  B. BBV 8
-  C. BZV 7
-  D. BAW 8

Q.58 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 bins are tins.  
All tins are pins.

**Conclusions:**  
(I): Some bins are pins.  
(II): All pins are tins.

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

Q.59 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 silver are gold.  
Some silver are cash.  
Some gold are fortune.

**Conclusions:**  
(I): Some silver are fortune.  
(II): Some gold are cash.

- 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.60 If 1 is added to each odd digit and 1 is subtracted from each even digit in the number 632517, what will be the sum of the greatest and smallest digits in the new number thus formed?

- Ans ☐ A. 8  
☐ B. 10  
☐ C. 7  
☒ D. 9

Q.61 In a row of all 91 students facing north, Mr. Akte is 33<sup>rd</sup> from the left end. If Mr. Memi is 22<sup>nd</sup> to the right of Mr. Akte, what is Mr. Memi's position from the right end of the row?

- Ans ☐ A. 36th  
☒ B. 37th  
☐ C. 35th  
☐ D. 38th

Q.62 Refer to the given series and answer the question that follows. (All numbers are single digit numbers only.) Counting to be done from left to right only.

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

- Ans ☒ A. 12  
☐ B. 13  
☐ C. 14  
☐ D. 11

Q.63 Seven people, P, Q, R, S, T, U and V, are sitting in a row, facing north. Q is seated third from the right end. V is third to the left of S. T is seated to the right of Q and at one of the ends. Only two people are seated between U and T. P does not sit at any of the extreme ends.

Who is seated second from the right end?

- Ans ☐ A. U  
☐ B. Q  
☐ C. V  
☒ D. S

Q.64 What should come in place of the question mark (?) in the given series?

3 ? 18 38 78 158

- Ans  A. 5
-  B. 8
-  C. 6
-  D. 10

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 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. HE-GD
-  B. XU-WT
-  C. AX-YY
-  D. KH-JG

Q.66 In a row of people all facing north, Jimmy is 19<sup>th</sup> from the left end. Shlok is 23<sup>rd</sup> from the left end and Shlok is exactly between Jimmy and Ray. If Ray is 9<sup>th</sup> from the right end of the row, how many people are there in the row?

- Ans  A. 31
-  B. 35
-  C. 33
-  D. 34

Q.67 Five people, A, B, C, D and E, are sitting in a row, facing north. Only two people sit between A and B. Only B sits between D and E. E sits second to the left of A. Who sits at the extreme left end of the row?

- Ans  A. E
-  B. D
-  C. B
-  D. C

Q.68 This question is based on the five, three-digit numbers given below.

(Left) 192 574 563 189 567 (Right)

(Example: 697 – First digit = 6, second digit = 9 and third digit = 7)  
(NOTE: All operations to be done from left to right.)

What will be the resultant if the third digit of the highest number is added to the second digit of the lowest number?

- Ans  A. 12
-  B. 15
-  C. 13
-  D. 11

Q.69 What should come in place of the question mark (?) in the given series?  
16 40 64 88 112 ?

- Ans  A. 134
-  B. 135
-  C. 133
-  D. 136

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| Q.70 | <p>Pramod starts from Point A and drives 43 km towards the north. He then takes a left turn, drives 45 km, turns left and drives 56 km. He then takes a left turn and drives 64 km. He takes a final left turn, drives 13 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.)</p> <p>Ans  A. 20 km to the east</p> <p> B. 22 km to the east</p> <p> C. 17 km to the west</p> <p> D. 19 km to the west</p> |
| Q.71 | <p>Tufail walks 100 m towards the north. From there, he turns right and walks 220 m. Again, he turns right and walks 121 m. In which direction is he with reference to his starting point?</p> <p>(Note: All turns are 90° turns only unless specified.)</p> <p>Ans  A. Southeast</p> <p> B. Northwest</p> <p> C. Southwest</p> <p> D. Northeast</p>                                                                                                                                                                                           |
| Q.72 | <p>ESQZ is related to JXVT in a certain way based on the English alphabetical order. In the same way, MGHM is related to RLMG. To which of the given options is LKJN related, following the same logic?</p> <p>Ans  A. QPOH</p> <p> B. OPQH</p> <p> C. OQOI</p> <p> D. QQOI</p>                                                                                                                                                                                                                                                        |
| Q.73 | <p>In a certain code language,<br/>           ‘A + B’ means ‘A is the mother of B’,<br/>           ‘A – B’ means ‘A is the brother of B’,<br/>           ‘A × B’ means ‘A is the wife of B’,<br/>           ‘A % B’ means ‘A is the father of B’ and<br/>           ‘A # B’ means ‘A is the daughter of B’.</p> <p>How is T related to P if ‘T # Q % C % N # P’?</p> <p>Ans  A. Brother's wife</p> <p> B. Husband's sister</p> <p> C. Father's sister</p> <p> D. Husband's father</p>                                                  |
| Q.74 | <p>IGFG is related to ECBC in a certain way based on the English alphabetical order. In the same way, TRQR is related to PNMN. To which of the given options is FD CD related, following the same logic?</p> <p>Ans  A. BYXZ</p> <p> B. BZYZ</p> <p> C. BZXZ</p> <p> D. BAXG</p>                                                                                                                                                                                                                                                       |
| Q.75 | <p>Refer to the following number series and answer the question that follows (all numbers are single-digit numbers only).</p> <p>(Left) 7 3 1 4 9 2 6 5 8 3 7 1 9 4 2 5 6 8 7 3 9 4 (Right)</p> <p>How many unique numbers in the series are greater than 7 (each number counted only once, regardless of repetitions)?</p> <p>Ans  A. Three</p> <p> B. One</p> <p> C. Two</p> <p> D. None</p>                                                                                                                                         |

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| Q.76 | Six neighbours — Amrita, Maria, Ruhi, Sunita, Ishaan and Vaibhav — are sitting around a circular table, facing the centre. Amrita is sitting second to the left of Maria. Ruhi is an immediate neighbour of both Maria and Sunita. Ishaan is sitting second to the right of Vaibhav.<br>Who is sitting between Amrita and Maria, when counted from the right of Amrita?                                                                                                                   |
| Ans  | <div><div> A. Sunita</div><div> B. Ruhi</div><div> C. Ishaan</div><div> D. Vaibhav</div></div>                                                        |
| Q.77 | What should come in place of the question mark (?) in the given series?<br><br>6 9 14 23 40 ?                                                                                                                                                                                                                                                                                                                                                                                             |
| Ans  | <div><div> A. 85</div><div> B. 81</div><div> C. 73</div><div> D. 79</div></div>                                                                       |
| Q.78 | In a certain code language, YISB is coded as 110 and PKJQ is coded as 108. What is the code for CNXR in that language?                                                                                                                                                                                                                                                                                                                                                                    |
| Ans  | <div><div> A. 120</div><div> B. 113</div><div> C. 118</div><div> D. 111</div></div>                                                              |
| Q.79 | What will come in the place of the question mark (?) in the following equation, if ‘+’ and ‘-’ are interchanged and ‘×’ and ‘÷’ are interchanged?<br><br>$12 \div 5 + 22 \times 2 - 6 = ? + 5$                                                                                                                                                                                                                                                                                            |
| Ans  | <div><div> A. 60</div><div> B. 55</div><div> C. 45</div><div> D. 65</div></div>                                                               |
| Q.80 | Select the set in which the numbers are related in the same way as are the numbers of the following sets.<br><br>(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.)<br><br>(86, 154, 120)<br>(98, 172, 135) |
| Ans  | <div><div> A. (156, 240, 298)</div><div> B. (104, 156, 130)</div><div> C. (116, 158, 139)</div><div> D. (168, 270, 229)</div></div>           |

Section : General Awareness and Current Affairs

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| Q.81 | Under the Pradhan Mantri Jan Dhan Yojana (PMJDY), what key activity did the Reserve Bank of India mandate during July–September 2025?                                                                                                                                                                                                                                                                                                                                            |
| Ans  | <div><div> A. Account closures</div><div> B. Loan disbursements</div><div> C. Fee hikes</div><div> D. Re-KYC of accounts</div></div> |

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| Q.82 | Which massive sports talent hunt, launched by Bihar CM Nitish Kumar in May 2025, involves participation from students of secondary and higher secondary schools?                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Ans  | <div><div> A. Lakshya</div><div> B. Yuva Shakti</div><div> C. Mashal</div><div> D. Khel Jyoti</div></div>                                                                                                                                            |
| Q.83 | Which date has been declared as ‘National Space Day’ in India?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Ans  | <div><div> A. 23 August</div><div> B. 28 February</div><div> C. 20 July</div><div> D. 11 May</div></div>                                                                                                                                             |
| Q.84 | Which of the following international organisations approved a programme to support women’s employment in Tamil Nadu in 2025?                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Ans  | <div><div> A. World Bank</div><div> B. United Nations</div><div> C. Asian Development Bank</div><div> D. International Monetary Fund</div></div>                                                                                                     |
| Q.85 | In September 2025, heavy rains caused flash floods and landslides in the Nandanagar block of which district, forcing a massive NDRF/SDRF operation?                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Ans  | <div><div> A. Chamoli</div><div> B. Rudraprayag</div><div> C. Almora</div><div> D. Pithoragarh</div></div>                                                                                                                                   |
| Q.86 | Chhannulal Mishra, who passed away in October 2025, was noted for his contributions to which of the following fields?                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Ans  | <div><div> A. Sanskrit and Vedic studies</div><div> B. Folk music traditions</div><div> C. Kathak dance</div><div> D. Hindustani classical music</div></div>                                                                                 |
| Q.87 | Who became the first male field athlete to win the Laureus World Sportsman of the Year award in April 2025?                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Ans  | <div><div> A. Jakob Ingebrigtsen</div><div> B. Neeraj Chopra</div><div> C. Armand Duplantis</div><div> D. Max Verstappen</div></div>                                                                                                         |
| Q.88 | The Greenhouse Gas Emission Intensity (GEI) Target Rules, 2025, notified in October 2025 apply to which of the following industrial sectors?                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Ans  | <div><div> A. Cement, aluminium, chlor-alkali, pulp &amp; paper</div><div> B. Iron &amp; steel, aluminium, coal, cement</div><div> C. Steel, cement, aluminium, textiles</div><div> D. Coal, power generation, cement, chemicals</div></div> |

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| Q.89 | In 2025, under which scheme did Odisha CM Mohan Charan Majhi distribute ₹5,000 crore to around one crore women?                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Ans  | <div><div> A. Lakhpatti Didi</div><div> B. Mission Shakti</div><div> C. Odisha Women Upliftment Programme</div><div> D. Subhadra Yojana</div></div>                                                                                             |
| Q.90 | At the 25 <sup>th</sup> IIFA Awards held in March 2025, which film won the Best Picture award?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Ans  | <div><div> A. Article 370</div><div> B. Laapataa Ladies</div><div> C. Bhool Bhulaiyaa 3</div><div> D. Stree 2</div></div>                                                                                                                       |
| Q.91 | India has improved its Sustainable Development Goals (SDG) ranking by how many places in the 2025 edition of the Sustainable Development Report in comparison with 2024?                                                                                                                                                                                                                                                                                                                                                                                                            |
| Ans  | <div><div> A. 19</div><div> B. 6</div><div> C. 10</div><div> D. 14</div></div>                                                                                                                                                                  |
| Q.92 | Who won the most Grand Prix races from January to June 2025?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Ans  | <div><div> A. Lando Norris</div><div> B. Max Verstappen</div><div> C. Oscar Piastri</div><div> D. Lewis Hamilton</div></div>                                                                                                            |
| Q.93 | Which of the following organisations has successfully developed a new generation of man-portable autonomous underwater vehicles (MP-AUVs) for underwater mine detection missions, as per the Ministry of Defence announcement in November 2025?                                                                                                                                                                                                                                                                                                                                     |
| Ans  | <div><div> A. Defence Research and Development Organisation (DRDO)</div><div> B. Indian Space Research Organisation (ISRO)</div><div> C. Bharat Electronics Limited (BEL)</div><div> D. Hindustan Aeronautics Limited (HAL)</div></div> |
| Q.94 | As per Union Budget 2025-26, how much borrowing is planned via gross market borrowings in FY2025–26?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Ans  | <div><div> A. ₹12.95 lakh crore</div><div> B. ₹14.82 lakh crore</div><div> C. ₹13 lakh crore</div><div> D. ₹16 lakh crore</div></div>                                                                                                   |
| Q.95 | Which missile was showcased and debuted during Republic Day, 2025?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Ans  | <div><div> A. Agni-V</div><div> B. BrahMos NG</div><div> C. Pralay</div><div> D. Nirbhay</div></div>                                                                                                                                    |
| Q.96 | Where was the 2024 Abu Dhabi Grand Prix held in December 2024?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Ans  | <div><div> A. Yas Marina Circuit on Yas Island</div><div> B. Suzuka International Racing Course</div><div> C. Circuit de Monaco</div><div> D. Silverstone Circuit</div></div>                                                           |

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| Q.97  | In the November 2025 bye-elections, which of the following political parties won the by-election from Budgam (Jammu & Kashmir)?                                                                                                                                                                                                                                                                                                                                                                                      |
| Ans   | <div><div> A. Bharatiya Janata Party</div><div> B. Aam Aadmi Party</div><div> C. Jammu &amp; Kashmir Peoples Democratic Party</div><div> D. Indian National Congress</div></div> |
| Q.98  | Who won Player of the Match in IPL 2025 final for RCB?                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Ans   | <div><div> A. Krunal Pandya</div><div> B. Prasidh Krishna</div><div> C. Virat Kohli</div><div> D. Rajat Patidar</div></div>                                                      |
| Q.99  | Who among the following Indian scientists was awarded the COSPAR Harrie Massey Award in 2024?                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Ans   | <div><div> A. K Radhakrishnan</div><div> B. G Madhavan Nair</div><div> C. Prahlad Chandra Agrawal</div><div> D. Udupi Ramachandra Rao</div></div>                                |
| Q.100 | Who among the following is the Secretary-General of the United Nations as of 9 November 2025?                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Ans   | <div><div> A. Michelle Bachelet</div><div> B. Kofi Annan</div><div> C. Ban Ki-moon</div><div> D. António Guterres</div></div>                                            |