



रेलवे भर्ती बोर्ड / RAILWAY RECRUITMENT BOARD

सी०ई०एन० ०९/२०२५-7 वें सीपीसी वेतन मैट्रिक्स के लेवल १ में विभिन्न पदों हेतु

CEN 09/2025 - Various Posts in Level 1 of 7th CPC Pay Matrix



|           |                           |
|-----------|---------------------------|
| Test Date | 10/08/2026                |
| Test Time | 9:00 AM - 10:30 AM        |
| Subject   | RRB Level 01 Stage I 2025 |

Section : General Science

Q.1 An object is placed at the center of curvature of a concave mirror. If the mirror is now partially covered with an opaque material, what change will occur in the image?

- Ans
- ☒ A. The image will remain at the same position but will become less bright
  - ☐ B. The image will shift closer to the mirror and become smaller
  - ☐ C. The image will disappear completely
  - ☐ D. The image will move farther from the mirror and become inverted

Q.2 In a chemical reaction, 12g of carbon reacts completely with 32g of oxygen to form carbon dioxide. If only 40g of carbon dioxide is collected, which of the following is the correct conclusion based on the Law of Conservation of Mass?

- Ans
- ☐ A. The reaction is incomplete because 4g of mass is unaccounted for.
  - ☐ B. The law of conservation of mass does not apply to gas formation.
  - ☐ C. Mass is always lost as energy, so the final mass decreases.
  - ☒ D. Carbon dioxide gas escaped during the reaction, so mass was not fully collected.

Q.3 Which of the following pairs of atoms are isobars?

- Ans
- ☐ A.  $^{35}_{17}\text{Cl}$  and  $^{37}_{17}\text{Cl}$
  - ☐ B.  $^{23}_{11}\text{Na}$  and  $^{24}_{12}\text{Mg}$
  - ☐ C.  $^{14}_6\text{C}$  and  $^{12}_6\text{C}$
  - ☒ D.  $^{40}_{20}\text{Ca}$  and  $^{40}_{18}\text{Ar}$

Q.4 Which process in animals takes place in the absence of oxygen and releases a smaller amount of energy?

- Ans
- ☐ A. Transpiration
  - ☐ B. Aerobic respiration
  - ☒ C. Anaerobic respiration
  - ☐ D. Photosynthesis

Q.5 A weather balloon rises from sea level to 15 km altitude. The point of the temperature reverse from decreasing to increasing, and reason for this change is:

- Ans
- ☐ A. At the midpoint of the troposphere due to nitrogen distribution
  - ☒ B. At the start of the stratosphere due to ozone absorption of UV
  - ☐ C. At the base of the mesosphere due to air pressure changes
  - ☐ D. At the top of the troposphere due to greenhouse gases

|      |                                                                                                                                                                                                                                                                                                                                                                              |
|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Q.6  | Which disease involves the uncontrolled growth of abnormal cells in the lungs due to smoking?                                                                                                                                                                                                                                                                                |
| Ans  | <div><div><input checked="" type="checkbox"/></div>A. Lung cancer</div> <div><div><input type="checkbox"/></div>B. Emphysema</div> <div><div><input type="checkbox"/></div>C. Bronchitis</div> <div><div><input type="checkbox"/></div>D. Asthma</div>                                                                                                                       |
| Q.7  | A velocity–time graph is represented by a straight line parallel to the time axis and lying above it. What does this indicate about the motion of the object?                                                                                                                                                                                                                |
| Ans  | <div><div><input type="checkbox"/></div>A. The object is at rest</div> <div><div><input checked="" type="checkbox"/></div>B. The object is moving with constant velocity</div> <div><div><input type="checkbox"/></div>C. The object is moving with increasing velocity</div> <div><div><input type="checkbox"/></div>D. The object is moving with decreasing velocity</div> |
| Q.8  | When a metal oxide reacts with an acid, it forms:                                                                                                                                                                                                                                                                                                                            |
| Ans  | <div><div><input checked="" type="checkbox"/></div>A. salt and water as final products</div> <div><div><input type="checkbox"/></div>B. acid and metal oxide mixture only</div> <div><div><input type="checkbox"/></div>C. salt and hydrogen gas evolution</div> <div><div><input type="checkbox"/></div>D. carbon dioxide and hydrogen gas</div>                            |
| Q.9  | Which of the following combinations best supports sustainable development?                                                                                                                                                                                                                                                                                                   |
| Ans  | <div><div><input type="checkbox"/></div>A. Fossil fuels + deforestation</div> <div><div><input type="checkbox"/></div>B. Overuse of water + plastic production</div> <div><div><input checked="" type="checkbox"/></div>C. Renewable energy + tree plantation</div> <div><div><input type="checkbox"/></div>D. Industrial expansion + waste dumping</div>                    |
| Q.10 | Why is copper commonly used for electrical wiring in homes?                                                                                                                                                                                                                                                                                                                  |
| Ans  | <div><div><input type="checkbox"/></div>A. It has a low melting point</div> <div><div><input type="checkbox"/></div>B. It is a poor conductor</div> <div><div><input type="checkbox"/></div>C. It is magnetic</div> <div><div><input checked="" type="checkbox"/></div>D. It has low electrical resistance</div>                                                             |
| Q.11 | Which environmental factor causes a plant shoot to bend toward a window?                                                                                                                                                                                                                                                                                                     |
| Ans  | <div><div><input type="checkbox"/></div>A. Gravity</div> <div><div><input type="checkbox"/></div>B. Temperature</div> <div><div><input type="checkbox"/></div>C. Water</div> <div><div><input checked="" type="checkbox"/></div>D. Light</div>                                                                                                                               |
| Q.12 | A machine lifts a load of 600 N using an effort of 150 N. What is the mechanical advantage of the machine?                                                                                                                                                                                                                                                                   |
| Ans  | <div><div><input type="checkbox"/></div>A. 5</div> <div><div><input checked="" type="checkbox"/></div>B. 4</div> <div><div><input type="checkbox"/></div>C. 3</div> <div><div><input type="checkbox"/></div>D. 2</div>                                                                                                                                                       |
| Q.13 | Which of the following is an organic compound?                                                                                                                                                                                                                                                                                                                               |
| Ans  | <div><div><input checked="" type="checkbox"/></div>A. CH<sub>3</sub>Cl</div> <div><div><input type="checkbox"/></div>B. CO<sub>2</sub></div> <div><div><input type="checkbox"/></div>C. CaCO<sub>3</sub></div> <div><div><input type="checkbox"/></div>D. NaCl</div>                                                                                                         |

|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Q.14 | A city is planning to build a new power plant and is choosing between several energy generation options. If the primary goal is to maximize the use of renewable and environmentally friendly energy, which option should the city select?                                                                                                                                                                                                                                                               |
| Ans  | <div><div><input checked="" type="checkbox"/></div><div>A. A conventional nuclear power complex</div></div> <div><div><input checked="" type="checkbox"/></div><div>B. A utility-scale solar photovoltaic farm</div></div> <div><div><input checked="" type="checkbox"/></div><div>C. A high-capacity natural gas station</div></div> <div><div><input checked="" type="checkbox"/></div><div>D. A large-scale coal-fired facility</div></div>                                                           |
| Q.15 | If a ray of light passes through the optical center of a thin spherical lens, what is the path of the emergent ray?                                                                                                                                                                                                                                                                                                                                                                                      |
| Ans  | <div><div><input checked="" type="checkbox"/></div><div>A. It is absorbed by the lens material</div></div> <div><div><input checked="" type="checkbox"/></div><div>B. It bends towards the principal axis</div></div> <div><div><input checked="" type="checkbox"/></div><div>C. It continues in the same direction without deviation</div></div> <div><div><input checked="" type="checkbox"/></div><div>D. It reflects back along its original path</div></div>                                        |
| Q.16 | Which process would be directly affected if a plant's phloem were blocked during spring?                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Ans  | <div><div><input checked="" type="checkbox"/></div><div>A. Water transport from roots to leaves would decrease</div></div> <div><div><input checked="" type="checkbox"/></div><div>B. Buds would fail to receive sugars needed for growth</div></div> <div><div><input checked="" type="checkbox"/></div><div>C. Leaves would be unable to perform gas exchange</div></div> <div><div><input checked="" type="checkbox"/></div><div>D. Roots would not absorb sufficient nutrients from soil</div></div> |
| Q.17 | What occurs to the particles in the suspension when we shake it?                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Ans  | <div><div><input checked="" type="checkbox"/></div><div>A. It dissolves permanently</div></div> <div><div><input checked="" type="checkbox"/></div><div>B. It remains settled</div></div> <div><div><input checked="" type="checkbox"/></div><div>C. It mixes temporarily and then settles</div></div> <div><div><input checked="" type="checkbox"/></div><div>D. It forms a new substance</div></div>                                                                                                   |
| Q.18 | During the extraction of metals, the sulphide ores are converted into oxides by heating strongly in the presence of excess air. This process is known as:                                                                                                                                                                                                                                                                                                                                                |
| Ans  | <div><div><input checked="" type="checkbox"/></div><div>A. calcination</div></div> <div><div><input checked="" type="checkbox"/></div><div>B. sulphonation</div></div> <div><div><input checked="" type="checkbox"/></div><div>C. roasting</div></div> <div><div><input checked="" type="checkbox"/></div><div>D. elimination</div></div>                                                                                                                                                                |
| Q.19 | Which of the following hydrocarbons undergo addition reactions with hydrogen?                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Ans  | <div><div><input checked="" type="checkbox"/></div><div>A. Unsaturated hydrocarbons</div></div> <div><div><input checked="" type="checkbox"/></div><div>B. Aromatic hydrocarbons</div></div> <div><div><input checked="" type="checkbox"/></div><div>C. Saturated hydrocarbons</div></div> <div><div><input checked="" type="checkbox"/></div><div>D. Alicyclic hydrocarbons</div></div>                                                                                                                 |
| Q.20 | A student observes a plant cell under a microscope and notes it has a prominent nucleus, dense cytoplasm, and no visible vacuoles. Which of the following is the most likely function of this cell?                                                                                                                                                                                                                                                                                                      |
| Ans  | <div><div><input checked="" type="checkbox"/></div><div>A. Active cell division and growth</div></div> <div><div><input checked="" type="checkbox"/></div><div>B. Storing water and nutrients</div></div> <div><div><input checked="" type="checkbox"/></div><div>C. Transporting water and minerals</div></div> <div><div><input checked="" type="checkbox"/></div><div>D. Providing structural support</div></div>                                                                                     |

Q.21 Which observation confirms that a reaction is a combination reaction?

- Ans
- A. Temperature decreases suddenly

B. Colour of reactants changes

C. Only one new substance is produced

D. Gas is evolved during reaction

Q.22 Match the following.

| Column I          | Column II                          |
|-------------------|------------------------------------|
| 1. Ovary          | a. Site of foetal development      |
| 2. Fallopian tube | b. Release of eggs and hormones    |
| 3. Uterus         | c. Site where fertilisation occurs |

- Ans
- A. 1–b, 2–c, 3–a

B. 1–c, 2–b, 3–a

C. 1–a, 2–c, 3–b

D. 1–b, 2–a, 3–c

Q.23 If the same force is applied to two objects of different masses, what happens to their accelerations?

- Ans
- A. The object with less mass will have greater acceleration.

B. The object with more mass will have greater acceleration.

C. Acceleration depends only on the force, not on the mass.

D. Both objects will have the same acceleration.

Q.24 A heater is rated at 1000 W. If it is used for 2 hours, how much energy does it consume in kilowatt hours?

- Ans
- A. 2 kWh

B. 0.5 kWh

C. 1 kWh

D. 3 kWh

Q.25 Which of the following methods is commonly used to measure reverberation in a room?

- Ans
- A. Counting the number of echoes heard

B. Measuring the speed of sound in the room

C. Timing how long sound persists after the source stops

D. Calculating the frequency of the sound wave

Section : Mathematics

Q.26 A tent is shaped like a cone with a height of 84 m and a base radius of 13 m. If the fabric costs ₹40 per square meter, and the total cost of the fabric used for the tent is ₹E, then

find the value of  $\sqrt{\frac{E}{2041}} - 4$ . (Use  $\pi = 3.14$ )

- Ans
- A. 6

B. 2

C. 8

D. 4

|      |                                                                                                                                                                                                                          |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Q.27 | If the volumes of two cubes are in the ratio 27 : 64, then the ratio of their total surface area is:                                                                                                                     |
| Ans  | <div><div>✓</div>A. 9 : 16</div> <div><div>✗</div>B. 4 : 25</div> <div><div>✗</div>C. 9 : 25</div> <div><div>✗</div>D. 4 : 9</div>                                                                                       |
| Q.28 | X's age is 20% more than Y's age. If the sum of their ages is 20 more than the difference of their ages, find their respective ages (in years).                                                                          |
| Ans  | <div><div>✗</div>A. 12 , 14</div> <div><div>✓</div>B. 12 , 10</div> <div><div>✗</div>C. 10 , 13</div> <div><div>✗</div>D. 10 , 14</div>                                                                                  |
| Q.29 | Pipe A can fill a tank in 3 hours, pipe B can fill the same tank in 10 hours and pipe C can fill the same tank in 15 hours. The time taken (in hours) by them to fill half of the same tank if they operate together is: |
| Ans  | <div><div>✗</div>A. 3</div> <div><div>✓</div>B. 1</div> <div><div>✗</div>C. 4</div> <div><div>✗</div>D. 2</div>                                                                                                          |
| Q.30 | The difference between compound interest, compounded annually and simple interest at the same rate of interest R% per annum on an amount of ₹20,000 for 2 years is ₹162. What is the value of R?                         |
| Ans  | <div><div>✗</div>A. 6</div> <div><div>✓</div>B. 9</div> <div><div>✗</div>C. 7</div> <div><div>✗</div>D. 8</div>                                                                                                          |
| Q.31 | The distance between the centres of two circles having radii 5 cm and 25 cm is 29 cm. Find the length (in cm) of the direct common tangent.                                                                              |
| Ans  | <div><div>✗</div>A. 28</div> <div><div>✗</div>B. 27</div> <div><div>✓</div>C. 21</div> <div><div>✗</div>D. 13</div>                                                                                                      |
| Q.32 | A shopkeeper buys some pencils at 6 for ₹35 and sells them at 10 for ₹65. His profit percentage (rounded off to 2 decimal places) is %.                                                                                  |
| Ans  | <div><div>✗</div>A. 13.14</div> <div><div>✗</div>B. 13.41</div> <div><div>✓</div>C. 11.43</div> <div><div>✗</div>D. 11.34</div>                                                                                          |
| Q.33 | What sum (in ₹) will earn a simple interest of ₹960 in 4 years at 12% per year rate of interest?                                                                                                                         |
| Ans  | <div><div>✗</div>A. 1000</div> <div><div>✗</div>B. 4000</div> <div><div>✓</div>C. 2000</div> <div><div>✗</div>D. 6000</div>                                                                                              |

**Q.34** A chemist needs to prepare 250 ml of a solution by mixing two liquids in the ratio 5 : 3. How much (in ml) of the second liquid should be used?

- Ans
- ☐ A. 62.25
  - ☐ B. 125.25
  - ☒ C. 93.75
  - ☐ D. 156.25

**Q.35** The marked price of a cooker is same at four shops I, II, III and IV. Shop I allows two successive discounts of 58% and 36%, shop II allows successive discounts of 73% and 91%, shop III allows successive discounts of 76% and 88% and shop IV allows successive discounts of 79%, 68% and 96% on the marked price of the cooker. Which shop is selling the cooker at the lowest price?

- Ans
- ☐ A. II
  - ☐ B. I
  - ☒ C. IV
  - ☐ D. III

**Q.36** What is the value that must be assigned to A so that the 8-digit number 753A3228 is divisible by 18?

- Ans
- ☒ A. 6
  - ☐ B. 2
  - ☐ C. 9
  - ☐ D. 5

**Q.37** The monthly income of a person is ₹9,770. If his income is increased by 27%, then what will be his new monthly income?

- Ans
- ☐ A. ₹12,207.90
  - ☐ B. ₹12,507.50
  - ☐ C. ₹12,307.50
  - ☒ D. ₹12,407.90

**Q.38** Find the arithmetic mean of the following data (rounded off to two places of decimal).

|                |      |       |       |       |       |
|----------------|------|-------|-------|-------|-------|
| Class interval | 0-12 | 12-24 | 24-36 | 36-48 | 48-60 |
| Frequency      | 6    | 8     | 10    | 9     | 12    |

- Ans
- ☒ A. 33.47
  - ☐ B. 34.48
  - ☐ C. 32.46
  - ☐ D. 31.48

**Q.39** A marathon runner covers one-third of a 42 km race at a speed of 12 km/h, and the remaining two-thirds at a speed of 10.5 km/h. What is the average speed of the runner for the entire race? (Round off to two decimal places.)

- Ans
- ☒ A. 10.96 km/h
  - ☐ B. 11.96 km/h
  - ☐ C. 10.86 km/h
  - ☐ D. 11.86 km/h

**Q.40** A vessel contains liquids A and B in a ratio of 5 : 3. If 16 litres of the mixture is removed and the same quantity of liquid B is added, the ratio becomes 3 : 5. What quantity does the vessel hold?

- Ans
- ✖

A. 47 liters

✖

B. 33 liters

✔

C. 40 liters

✖

D. 44 liters

**Q.41** If the mean of the following data is 50, then what is the value of x?

|           |       |       |       |       |       |
|-----------|-------|-------|-------|-------|-------|
| Class     | 10-20 | 20-30 | 30-40 | 40-50 | 50-60 |
| Frequency | 17    | 33    | 25    | 43    | x     |

- Ans
- ✖

A. 391

✖

B. 425

✔

C. 402

✖

D. 411

**Q.42** Two trains, 310 m and 320 m long, run on parallel tracks in opposite directions. The first runs at 67 km/h and the second at 59 km/h. How long will they take to cross each other?

- Ans
- ✔

A. 18 seconds

✖

B. 12 seconds

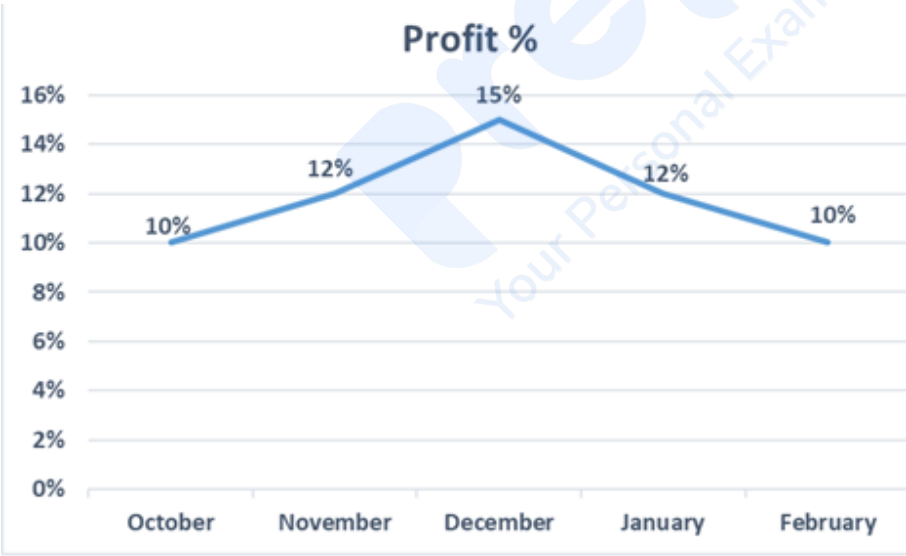
✖

C. 16 seconds

✖

D. 14 seconds

**Q.43** A shopkeeper sells heater rods, each having a cost price of ₹3,760. The profit margin varies depending on the demand, as shown in the given graph. If the total revenue on selling one rod every month from October to March end is ₹24,966.40, find the profit (in %) made in the month of March.



- Ans
- ✖

A. 6%

✖

B. 10%

✖

C. 7%

✔

D. 5%

**Q.44** The price of a commodity is increased by 30% and later decreased by 30%. What is the overall percentage change in the price of the commodity?

- Ans
- ✖

A. 18% decrease

✖

B. Neither increase nor decrease

✖

C. 9% increase

✔

D. 9% decrease

|      |                                                                                                                                                                                 |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Q.45 | Evaluate: $\frac{2\sin A}{(1 + \cos A + \sin A)} \times \frac{(1 + \sin A)}{(1 - \cos A + \sin A)}$                                                                             |
| Ans  | <div><div><div>✗ A. 2</div><div>✓ B. 1</div><div>✗ C. 0</div><div>✗ D. 3</div></div></div>                                                                                      |
| Q.46 | Simplify: $\frac{\sin A}{1 + \cos A} + \frac{1 + \cos A}{\sin A}$                                                                                                               |
| Ans  | <div><div>✓ A. <math>2\operatorname{cosec} A</math></div><div>✗ B. <math>\tan A</math></div><div>✗ C. <math>2\sec A</math></div><div>✗ D. 1</div></div>                         |
| Q.47 | Simplify: $(5^2)^3 \times (5)^{-2}$                                                                                                                                             |
| Ans  | <div><div>✗ A. 25</div><div>✓ B. 625</div><div>✗ C. 3125</div><div>✗ D. 125</div></div>                                                                                         |
| Q.48 | Simplify the following expression: $[18 - \{6 + (4 \times 2)\} + 3^2] \div 3$                                                                                                   |
| Ans  | <div><div>✗ A. <math>2\frac{1}{3}</math></div><div>✓ B. <math>4\frac{1}{3}</math></div><div>✗ C. <math>3\frac{1}{4}</math></div><div>✗ D. <math>4\frac{2}{3}</math></div></div> |
| Q.49 | What is the compound interest (in ₹) on a sum of ₹1,50,000 at 20% per annum for 2 years, when the interest is compounded semi-annually?                                         |
| Ans  | <div><div>✗ A. 69651</div><div>✓ B. 69615</div><div>✗ C. 66951</div><div>✗ D. 66915</div></div>                                                                                 |
| Q.50 | The ratio of two numbers is 2 : 9. If 4 is added to the smaller number and 3 is added to the greater number, the ratio becomes 1 : 4. Find the original greater number.         |
| Ans  | <div><div>✗ A. 115</div><div>✗ B. 120</div><div>✓ C. 117</div><div>✗ D. 127</div></div>                                                                                         |

- Q.51

Refer to the given letter series and answer the question that follows. Counting to be done from left to right only.  
  
(Left) T G O U P M U O A K A A T J P L I T U E E V (Right)  
  
How many such consonants are there, each of which is immediately preceded by a vowel and also immediately followed by a vowel?

Ans

✖

A. 1

✖

B. 3

✔

C. 2

✖

D. 4
- Q.52

Each vowel in the word COMPANY is changed to the letter immediately following it in the English alphabetical order and each consonant is changed to the letter immediately preceding it in the English alphabetical order. Which of the following letters will be fifth from the right in the new group of letters thus formed?

Ans

✖

A. M

✖

B. B

✔

C. L

✖

D. O
- Q.53

Read the given statement(s) and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statement(s).  
  
**Statements:**  
Some desks are halls.  
No hall is a table.  
  
**Conclusions:**  
(I) No desk is a table.  
(II) Some tables are halls.

Ans

✖

A. Only conclusion (I) follows

✖

B. Only conclusion (II) follows

✖

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

✔

D. Neither conclusion (I) nor (II) follows
- Q.54

This question is based on the given words.  
  
VAN LOG ZIP GUM  
  
If in each of the words, each letter is changed to the next letter in the English alphabetical order, how many words thus formed will have no vowel?

Ans

✖

A. One

✖

B. None

✔

C. Two

✖

D. Three
- Q.55

Each of P, Q, R, S, T, U and V has an exam on a different day of a week, starting from Monday and ending on Sunday of the same week. P has an exam on Wednesday. Only one person has an exam between P and R. U has an exam immediately after R. Only three people have an exam between U and Q. V has an exam after S but before Q. When does T have an exam?

Ans

✖

A. Thursday

✖

B. Saturday

✔

C. Sunday

✖

D. Monday

Q.56 In a certain code language,

A + B means 'A is the sister of B',  
A – B means 'A is the son of B',  
A × B means 'A is the husband of B',  
and A ÷ B means 'A is the daughter of B'.

How is P related to T if 'P + Q – R × S ÷ T'?

- Ans
- A. Daughter

B. Daughter's daughter

C. Sister

D. Son's daughter

Q.57 This question is based on the following words.

(Left) TUG ZAX JAW LID (Right)

How many letters are there between the third letter of the third word from the right and the first letter of the first word from the left, as per the English alphabetical order?

- Ans
- A. 3

B. 4

C. 6

D. 2

Q.58 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) 2 3 8 9 4 5 2 3 6 7 5 9 5 2 7 3 2 6 8 1 9 2 7 6 4 5 (Right)

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

- Ans
- A. One

B. More than three

C. Two

D. Three

Q.59 Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which is the one that does not belong to that group?  
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

- Ans
- A. BFH

B. PTV

C. OSU

D. AFG

Q.60 Select the pair which follows the same pattern as that followed by the two pairs given below. Both pairs follow the same pattern.

FWU : EYR  
JVF : IXC

- Ans
- A. KJN : JKK

B. NGQ : MIN

C. DHE : CJA

D. UQG : TSC

Q.61 4 is related to 63 following a certain logic. Following the same logic, 3 is related to 26. To which of the following is 5 related, following the same logic?  
(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.)

- Ans
- A. 126

B. 125

C. 124

D. 127

Q.62 What should come in place of the question mark (?) in the given series based on the English alphabetical order?  
  
RSP NOL JKH FGD ?

- Ans
- A. BDY

B. BCZ

C. BBY

D. BCE

Q.63 What should come in place of the question mark (?) in the given series?  
  
24 29 37 48 62 ?

- Ans
- A. 77

B. 81

C. 83

D. 79

Q.64 Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster 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. ABD

B. BDE

C. XYA

D. QRT

Q.65 Refer to the given letter, number and symbol series and answer the question that follows. All numbers are single-digit numbers.  
  
(Left) U \$ % Q 4 3 Y © G U 8 3 6 @ & Q 3 5 K # 1 K (Right)

If all the letters are dropped from the series, which of the following will be sixth from the left?

- Ans
- A. 8

B. @

C. ©

D. 3

Q.66 Each letter in the word EARLIER is arranged in the English alphabetical order. How many letters are there in the English alphabetical order between the letter which is fourth from the left and the one which is third from the right in the new letter-cluster thus formed?

- Ans
- A. 3

B. 5

C. 2

D. 1

Q.67 Vimal starts from Point A and drives 25 km towards the north. He then takes a left turn, drives 15 km, turns left and drives 26 km. He then takes a left turn and drives 19 km. He takes a final left turn, drives 1 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. 4 km to the west

B. 4 km to the east

C. 5 km to the west

D. 5 km to the east

Q.68 Six people, C, D, E, O, P and Q, are sitting in a row, facing north. Only two people sit between C and P. E sits to the immediate left of P. No one sits to the right of D. Only two people sit between D and E. O sits to the immediate right of C. How many people sit between Q and O?

- Ans 

A. Two

B. None

C. One

D. Three

Q.69 Below are given two sets of numbers. In each set of numbers, a certain mathematical operation on the first number results in the second number. Similarly, a certain mathematical operation on the second number results in the third number and so on. Which of the given options follows the same set of operations as in the question? (NOTE: A two/three digit number cannot be broken into individual digits for operations.)  
5 – 15 – 30 – 40 ; 6 – 18 – 36 – 46

- Ans 

A. 10 – 30 – 50 – 70

B. 8 – 24 – 36 – 48

C. 9 – 27 – 54 – 60

D. 7 – 21 – 42 – 52

Q.70 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of :: ?  
# : IDA :: CXU : %

- Ans 

A. # = WRO, % = OJG

B. # = WRO, % = OJP

C. # = CRO, % = OJG

D. # = WRO, % = OKG

Q.71 What will come in place of the question mark (?) in the following equation, if ‘−’ and ‘÷’ are interchanged and ‘×’ and ‘+’ are interchanged?

84 + 1 − 1 × 1 ÷ 9 = ?

- Ans 

A. 78

B. 77

C. 76

D. 79

Q.72 LN 12 is related to GI 6 in a certain way. In the same way, SU 22 is related to NP 11. To which of the following is VX 18 related to following the same logic?

- Ans 

A. SU 7

B. QS 9

C. PR 9

D. RT 7

|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Q.73 | <p>H, I, J, L, M and N live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it is numbered 2 and so on, till the topmost floor, which is numbered 6.</p> <p>Only four people live below L. J lives on a floor above L. Only N lives below H. I lives on an even-numbered floor.</p> <p>How many people live below M?</p>                                                                                 |
| Ans  | <div><div><div>✗ A. One</div><div>✗ B. Four</div><div>✓ C. Two</div><div>✗ D. Three</div></div></div>                                                                                                                                                                                                                                                                                                                                                                     |
| Q.74 | <p>If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 1543862, what will be the sum of the digits that are second from the left and third from the right?</p>                                                                                                                                                                                                                                                                         |
| Ans  | <div><div><div>✗ A. 11</div><div>✗ B. 13</div><div>✓ C. 12</div><div>✗ D. 10</div></div></div>                                                                                                                                                                                                                                                                                                                                                                            |
| Q.75 | <p>What will come in place of the ‘?’ in the following equation, if ‘+’ and ‘-’ are interchanged and ‘×’ and ‘÷’ are interchanged?</p> <p>217 ÷ 62 × 434 – 493 + 307 = ?</p>                                                                                                                                                                                                                                                                                              |
| Ans  | <div><div><div>✗ A. 271</div><div>✗ B. 227</div><div>✗ C. 127</div><div>✓ D. 217</div></div></div>                                                                                                                                                                                                                                                                                                                                                                        |
| Q.76 | <p>Read the given statement(s) and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statement(s).</p> <p><b>Statements:</b><br/>Some fruits are vegetables.<br/>All vegetables are animals.</p> <p><b>Conclusions:</b><br/>(I) Some animals are fruits.<br/>(II) Some fruits are not animals.</p> |
| Ans  | <div><div><div>✓ A. Only conclusion (I) follows</div><div>✗ B. Both conclusions (I) and (II) follow</div><div>✗ C. Only conclusion (II) follows</div><div>✗ D. Neither conclusion (I) nor (II) follows</div></div></div>                                                                                                                                                                                                                                                  |
| Q.77 | <p>A, G, H, P, S and Y live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it is numbered 2 and so on, till the topmost floor, which is numbered 6.</p> <p>Only H lives above Y. A lives immediately below Y. Only G lives below S.</p> <p>Who lives on floor number 3?</p>                                                                                                                             |
| Ans  | <div><div><div>✗ A. Y</div><div>✓ B. P</div><div>✗ C. A</div><div>✗ D. H</div></div></div>                                                                                                                                                                                                                                                                                                                                                                                |

**Q.78** In a certain code language,  
A + B means 'A is the son of B',  
A – B means 'A is the sister of B',  
A × B means 'A is the wife of B' and  
A % B means 'A is the father of B'.  
  
How is Ranbir related to Kajal if 'Ranbir + Kartik × Himansh % Sunny – Kajal'?

- Ans
- ☒

 A. Husband
- ☒ B. Brother
- ☒ C. Son
- ☒ D. Father

**Q.79** 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 swans are ducks.  
Some swans are fish.

**Conclusions:**  
(I) Some fish are ducks.  
(II) Some ducks are swans.

- Ans
- ☒

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

**Q.80** D, F, G, H, J, K and L are sitting around a circular table facing the centre. Only four people sit between J and H when counted from the right of J. F and K are immediate neighbours of D. Exactly four people sit between G and L when counted from the left of G. L is not an immediate neighbour of F or H. How many people sit between H and L when counted from the left of H?

- Ans
- ☒

 A. 3
- ☒ B. 2
- ☒ C. 4
- ☒ D. 1

Section : General Awareness and Current Affairs

**Q.81** Which of the following bird sanctuaries was included in the list of Ramsar sites in January 2026?

- Ans
- ☒

 A. Vedanthangal Bird Sanctuary
- ☒ B. Nagi Bird Sanctuary
- ☒ C. Chilika Bird Sanctuary
- ☒ D. Patna Bird Sanctuary

**Q.82** Which domestic enforcement or emergency branch under the Ministry of Home Affairs secured the largest majority share of the 101 President's Medals for Distinguished Service (PSM) declared on Republic Day 2026?

- Ans
- ☒

 A. Correctional Service
- ☒ B. Fire Service
- ☒ C. Civil Defence & Home Guard Service
- ☒ D. Police Service

|      |                                                                                                                                                                                                                                                               |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Q.83 | In April 2026, the RBI issued directions for implementing the Standardised Approach (SA) for Credit Risk, aligning with Basel III finalization norms. What is the primary implementation date set for banks to comply with this new capital charge framework? |
| Ans  | <div><div><div>✖</div><div>A. March 31, 2028</div></div><div><div>✖</div><div>B. October 1, 2026</div></div><div><div>✖</div><div>C. January 1, 2026</div></div><div><div>✔</div><div>D. April 1, 2027</div></div></div>                                      |
| Q.84 | Who among the following, known for preserving and promoting the traditional embroidery craft of West Bengal while empowering rural women artisans, was selected to receive the Padma Shri from President Droupadi Murmu at the ceremony held on May 25, 2026? |
| Ans  | <div><div><div>✔</div><div>A. Tripti Mukherjee</div></div><div><div>✖</div><div>B. Rabilal Tudu</div></div><div><div>✖</div><div>C. Saroj Mandal</div></div><div><div>✖</div><div>D. Sivasankari</div></div></div>                                            |
| Q.85 | The India AI Impact Summit 2026, the first global AI summit hosted in the Global South and set a Guinness World Record for the most AI responsibility pledges received in 24 hours, was held at which venue in New Delhi?                                     |
| Ans  | <div><div><div>✖</div><div>A. Jawaharlal Nehru Stadium</div></div><div><div>✔</div><div>B. Bharat Mandapam</div></div><div><div>✖</div><div>C. India International Centre</div></div><div><div>✖</div><div>D. Vigyan Bhawan</div></div></div>                 |
| Q.86 | ‘Mahatma: A Great Communicator’ published in 2026 is written by which Indian author?                                                                                                                                                                          |
| Ans  | <div><div><div>✖</div><div>A. Vikram Seth</div></div><div><div>✖</div><div>B. Amish Tripathi</div></div><div><div>✔</div><div>C. Dr. Dhiraj Kakadia</div></div><div><div>✖</div><div>D. Shashi Tharoor</div></div></div>                                      |
| Q.87 | Which state reported the highest GST growth among all states in India for the financial year 2025–26, recording a 28.4% increase in collections amounting to ₹845 crore?                                                                                      |
| Ans  | <div><div><div>✔</div><div>A. Nagaland</div></div><div><div>✖</div><div>B. Sikkim</div></div><div><div>✖</div><div>C. Arunachal Pradesh</div></div><div><div>✖</div><div>D. Meghalaya</div></div></div>                                                       |
| Q.88 | Who among the following is the author of the book ‘Zubeen Garg: The Voice that Bridged Worlds’ published in May 2026?                                                                                                                                         |
| Ans  | <div><div><div>✖</div><div>A. Anuradha Sharma</div></div><div><div>✔</div><div>B. Prosenjit Nath</div></div><div><div>✖</div><div>C. Parismita Singh</div></div><div><div>✖</div><div>D. Jahnavi Barua</div></div></div>                                      |
| Q.89 | Who created tennis history at the 2026 Australian Open by becoming the youngest male player ever to complete the career Grand Slam in singles?                                                                                                                |
| Ans  | <div><div><div>✔</div><div>A. Carlos Alcaraz</div></div><div><div>✖</div><div>B. Casper Ruud</div></div><div><div>✖</div><div>C. Alexander Zverev</div></div><div><div>✖</div><div>D. Jannik Sinner</div></div></div>                                         |

|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Q.90 | What is the location where ISRO (Indian Space Research Organisation) has undertaken mission MITRA in April 2026?                                                                                                                                                                                                                                                                                                                                                                                                         |
| Ans  | <div><div><input type="checkbox"/></div><div>A. Dehradun, Uttarakhand</div></div> <div><div><input type="checkbox"/></div><div>B. Srinagar, Jammu and Kashmir</div></div> <div><div><input type="checkbox"/></div><div>C. Shimla, Himachal Pradesh</div></div> <div><div><input checked="" type="checkbox"/></div><div>D. Leh, Union Territory of Ladakh</div></div>                                                                                                                                                     |
| Q.91 | For which of the following sports did Vijay Amritraj receive the Padma Bhushan in the 2026 investiture ceremony at Rashtrapati Bhavan?                                                                                                                                                                                                                                                                                                                                                                                   |
| Ans  | <div><div><input checked="" type="checkbox"/></div><div>A. Tennis</div></div> <div><div><input type="checkbox"/></div><div>B. Badminton</div></div> <div><div><input type="checkbox"/></div><div>C. Cricket</div></div> <div><div><input type="checkbox"/></div><div>D. Chess</div></div>                                                                                                                                                                                                                                |
| Q.92 | What was India's rank in the Global Peace Index (GPI) 2025?                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Ans  | <div><div><input checked="" type="checkbox"/></div><div>A. 115</div></div> <div><div><input type="checkbox"/></div><div>B. 114</div></div> <div><div><input type="checkbox"/></div><div>C. 113</div></div> <div><div><input type="checkbox"/></div><div>D. 112</div></div>                                                                                                                                                                                                                                               |
| Q.93 | In May 2026, which international body formally backed a landmark International Court of Justice (ICJ) advisory opinion, stating that countries have a legal obligation to reduce greenhouse gas emissions?                                                                                                                                                                                                                                                                                                               |
| Ans  | <div><div><input type="checkbox"/></div><div>A. The World Trade Organization</div></div> <div><div><input checked="" type="checkbox"/></div><div>B. The UN General Assembly</div></div> <div><div><input type="checkbox"/></div><div>C. The UN Security Council</div></div> <div><div><input type="checkbox"/></div><div>D. The International Criminal Court</div></div>                                                                                                                                                 |
| Q.94 | Which of the following satellites was successfully launched during the 5th operational flight (LVM3-M5) of the LVM3 launch vehicle in November 2025?                                                                                                                                                                                                                                                                                                                                                                     |
| Ans  | <div><div><input checked="" type="checkbox"/></div><div>A. CMS-03</div></div> <div><div><input type="checkbox"/></div><div>B. GSAT-24</div></div> <div><div><input type="checkbox"/></div><div>C. INSAT-3DS</div></div> <div><div><input type="checkbox"/></div><div>D. CMS-02</div></div>                                                                                                                                                                                                                               |
| Q.95 | What major AYUSH infrastructure initiative was announced in the Union Budget 2026–27 to strengthen India's position as a global centre for traditional medicine?                                                                                                                                                                                                                                                                                                                                                         |
| Ans  | <div><div><input type="checkbox"/></div><div>A. Closing the WHO Traditional Medicine Centre to upgrade private facilities</div></div> <div><div><input type="checkbox"/></div><div>B. Shifting AYUSH funding entirely to state governments</div></div> <div><div><input type="checkbox"/></div><div>C. Banning the export of all Ayurvedic products to ensure domestic supply</div></div> <div><div><input checked="" type="checkbox"/></div><div>D. Establishing three new All India Institutes of Ayurveda</div></div> |
| Q.96 | During a seminar held in January 2026 at Kalinga Institute of Social Sciences (KISS), Bhubaneswar, the localisation of Sustainable Development Goals (SDGs) was linked to which national vision?                                                                                                                                                                                                                                                                                                                         |
| Ans  | <div><div><input checked="" type="checkbox"/></div><div>A. Viksit Bharat</div></div> <div><div><input type="checkbox"/></div><div>B. Atmanirbhar Bharat</div></div> <div><div><input type="checkbox"/></div><div>C. Make in India</div></div> <div><div><input type="checkbox"/></div><div>D. Digital India</div></div>                                                                                                                                                                                                  |

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|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Q.97  | Which legislation is primarily associated with the SHe-Box platform highlighted in government communications during 2026?                                                                                                                                                                                                                                                                                                             |
| Ans   | <div><div><input type="checkbox"/></div><div>A. Prohibition of Child Marriage Act, 2006</div></div> <div><div><input checked="" type="checkbox"/></div><div>B. Sexual Harassment of Women at Workplace Act, 2013</div></div> <div><div><input type="checkbox"/></div><div>C. Protection of Women from Domestic Violence Act, 2005</div></div> <div><div><input type="checkbox"/></div><div>D. Dowry Prohibition Act, 1961</div></div> |
| Q.98  | DRDO successfully demonstrated Solid Fuel Ducted Ramjet (SFDR) technology on February 3, 2026, from which test range, placing India in an elite league of nations capable of developing long-range air-to-air missiles?                                                                                                                                                                                                               |
| Ans   | <div><div><input type="checkbox"/></div><div>A. Pokhran Test Range, Rajasthan</div></div> <div><div><input checked="" type="checkbox"/></div><div>B. Integrated Test Range (ITR), Chandipur, Odisha</div></div> <div><div><input type="checkbox"/></div><div>C. Suryalanka Air Force Station, Andhra Pradesh</div></div> <div><div><input type="checkbox"/></div><div>D. Abdul Kalam Island, Odisha</div></div>                       |
| Q.99  | In which of the following states was the Bholath Hockey Cup held in March 2026?                                                                                                                                                                                                                                                                                                                                                       |
| Ans   | <div><div><input checked="" type="checkbox"/></div><div>A. Punjab</div></div> <div><div><input type="checkbox"/></div><div>B. Uttar Pradesh</div></div> <div><div><input type="checkbox"/></div><div>C. Haryana</div></div> <div><div><input type="checkbox"/></div><div>D. Rajasthan</div></div>                                                                                                                                     |
| Q.100 | The 23rd edition of the FIFA World Cup, scheduled to be held in June and July 2026, is historically significant for being co-hosted by which group of nations?                                                                                                                                                                                                                                                                        |
| Ans   | <div><div><input type="checkbox"/></div><div>A. Brazil, Argentina, and Uruguay</div></div> <div><div><input type="checkbox"/></div><div>B. Germany, France, and the Netherlands</div></div> <div><div><input checked="" type="checkbox"/></div><div>C. Canada, Mexico, and the United States</div></div> <div><div><input type="checkbox"/></div><div>D. Japan, South Korea, and Australia</div></div>                                |