



रेल भर्ती बोर्ड / RAILWAY RECRUITMENT BOARDS  
सी ई एन आर आर सी - ०१/२०१९ - CEN RRC - 01/2019



|                  |                                                |
|------------------|------------------------------------------------|
| Roll Number      |                                                |
| Candidate Name   |                                                |
| Test Center Name | Orissa Institute Of Engineering And Technology |
| Test Date        | 22/09/2022                                     |
| Test Time        | 9:00 AM - 10:30 AM                             |
| Subject          | Level 1                                        |

**\* 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 : Level 1

**Q.1** If in each of the following words, each letter is changed to the next letter in the English alphabetical order, how many words thus formed will have NO vowel?

- 1) BOOK
- 2) PAPER
- 3) BOAT
- 4) PINK

Ans ☒ 1. Four  
☒ 2. One  
☒ 3. Three  
☒ 4. Two

Question ID : 75189711553

Option 1 ID : 75189746212

Option 2 ID : 75189746209

Option 3 ID : 75189746211

Option 4 ID : 75189746210

Status : Not Attempted and  
Marked For Review

Chosen Option : --

**Q.2** Which of the following options is the closest approximate value which will come in place of question mark(?) in the following equation?

$$104.96 + 120.96 + 103.16 - 12.89 \times 2.04 + 124.93 \div 5.1 = ?$$

- Ans**
- ☒ 1. 328
  - ☐ 2. 334
  - ☐ 3. 340
  - ☐ 4. 330

Question ID : **7518978325**

Option 1 ID : **75189733297**

Option 2 ID : **75189733299**

Option 3 ID : **75189733300**

Option 4 ID : **75189733298**

Status : **Not Attempted and Marked For Review**

Chosen Option : --

**Q.3** From a point O, Mohita started walking and covered a distance of 30 m in the west direction. She then turned to her left and covered a distance of 15 m. She then took a left turn and travelled a distance of 10 m. Finally, she turned to the left and covered a distance of 15 m. How far and in which direction is she now from the starting point O? (All turns are 90 degree turns only)

- Ans**
- ☐ 1. 10 m, South
  - ☐ 2. 10 m, East
  - ☐ 3. 20 m, North
  - ☒ 4. 20 m, West

Question ID : **75189711579**

Option 1 ID : **75189746315**

Option 2 ID : **75189746313**

Option 3 ID : **75189746314**

Option 4 ID : **75189746316**

Status : **Answered**

Chosen Option : 4

**Q.4** How many such pairs of letters are there in the word ABSENT (in both forward and backward directions) which have as many letters between them as there are in the English alphabetical order?

- Ans**
- ☐ 1. None
  - ☐ 2. Three
  - ☐ 3. Two
  - ☒ 4. One

Question ID : **75189710831**

Option 1 ID : **75189743321**

Option 2 ID : **75189743324**

Option 3 ID : **75189743323**

Option 4 ID : **75189743322**

Status : **Answered**

Chosen Option : 4

**Q.5** A statement is followed by two conclusions. Find out which conclusion is true based on the given statement.

**Statement:**

$$G > A \geq B \geq C > D \leq E \leq F$$

**Conclusions:**

I.  $A > E$

II.  $B \leq F$

- Ans** ✓ 1. Neither conclusion I nor II is true  
✗ 2. Both conclusions I and II are true  
✗ 3. Only conclusion I is true  
✗ 4. Only conclusion II is true

Question ID : 75189711503

Option 1 ID : 75189746011

Option 2 ID : 75189746012

Option 3 ID : 75189746009

Option 4 ID : 75189746010

Status : Answered

Chosen Option : 1

**Q.6** The Ayurveda dataset on The Clinical Trials Registry- India (CTRI) Portal was launched by the \_\_\_\_\_ in July 2021.

- Ans** ✓ 1. Ministry of AYUSH  
✗ 2. Ministry of Science and Technology  
✗ 3. Ministry of Health and Family Welfare  
✗ 4. Ministry of Electronics and IT

Question ID : 75189710410

Option 1 ID : 75189741638

Option 2 ID : 75189741637

Option 3 ID : 75189741639

Option 4 ID : 75189741640

Status : Not Attempted and  
Marked For Review

Chosen Option : --

**Q.7** What is the net discount, if two successive discounts of 10% and 12% are given?

- Ans** ✗ 1. 21.4%  
✓ 2. 20.8%  
✗ 3. 23.2%  
✗ 4. 22.0%

Question ID : 75189712041

Option 1 ID : 75189748163

Option 2 ID : 75189748161

Option 3 ID : 75189748164

Option 4 ID : 75189748162

Status : Answered

Chosen Option : 3

**Q.8** In which year were Bodo, Dogri, Maithili and Santhali were added in the list of languages of the Eighth Schedule of the Constitution of India?

- Ans**
- ☒ 1. 2010
  - ☒ 2. 2006
  - ☒ 3. 2002
  - ☒ 4. 2004

Question ID : **75189712369**

Option 1 ID : **75189749476**

Option 2 ID : **75189749475**

Option 3 ID : **75189749473**

Option 4 ID : **75189749474**

Status : **Answered**

Chosen Option : **3**

**Q.9** Five students A, B, C, D and E are sitting around a circular table facing the centre (but not necessarily in the same order). A is an immediate neighbour of both B and E. C is sitting to the immediate right of D. B is sitting to the immediate right of C. Who is an immediate neighbour of C and E?

- Ans**
- ☒ 1. B
  - ☒ 2. D
  - ☒ 3. E
  - ☒ 4. A

Question ID : **75189711221**

Option 1 ID : **75189744882**

Option 2 ID : **75189744884**

Option 3 ID : **75189744881**

Option 4 ID : **75189744883**

Status : **Answered**

Chosen Option : **2**

**Q.10** The product of two numbers is 2160 and their HCF is 12. One of the possible pairs of numbers is:

- Ans**
- ☒ 1. (35, 60)
  - ☒ 2. (12, 185)
  - ☒ 3. (12, 184)
  - ☒ 4. (36, 60)

Question ID : **75189711730**

Option 1 ID : **75189746919**

Option 2 ID : **75189746918**

Option 3 ID : **75189746920**

Option 4 ID : **75189746917**

Status : **Answered**

Chosen Option : **4**

Q.11 The cultural festival 'Thrissur Pooram' is celebrated in which state?

- Ans
- ☐ 1. West Bengal
  - ☐ 2. Telangana
  - ☒ 3. Kerala
  - ☐ 4. Karnataka

Question ID : 7518979377

Option 1 ID : 75189737505

Option 2 ID : 75189737506

Option 3 ID : 75189737507

Option 4 ID : 75189737508

Status : Not Answered

Chosen Option : --

Q.12 G is the centroid of  $\triangle ABC$ ,  $\overline{AD}$  is a median of  $\triangle ABC$  intersecting  $\overline{BC}$  at D. What is the ratio of the lengths of  $\overline{AG}$  and  $\overline{GD}$ ?

- Ans
- ☐ 1. 3 : 1
  - ☒ 2. 2 : 1
  - ☐ 3. 1 : 2
  - ☐ 4. 1 : 3

Question ID : 75189711822

Option 1 ID : 75189747287

Option 2 ID : 75189747286

Option 3 ID : 75189747285

Option 4 ID : 75189747288

Status : Answered

Chosen Option : 2

Q.13 Find the value of  $345.08 + 56.02 + 44.44 \times 2.2 - 12.22$ .

- Ans
- ☐ 1. 498.868
  - ☒ 2. 486.648
  - ☐ 3. 468.648
  - ☐ 4. 486.684

Question ID : 75189712006

Option 1 ID : 75189748021

Option 2 ID : 75189748024

Option 3 ID : 75189748022

Option 4 ID : 75189748023

Status : Not Attempted and Marked For Review

Chosen Option : --

**Q.14** Who received the Arjuna Award 2021 for outstanding performance in the discipline of boxing?

- Ans
- ☒ 1. Arpinder Singh
  - ☒ 2. Bhavina Patel
  - ☒ 3. Monika
  - ☒ 4. Simranjit Kaur

Question ID : 75189712333

Option 1 ID : 75189749332

Option 2 ID : 75189749330

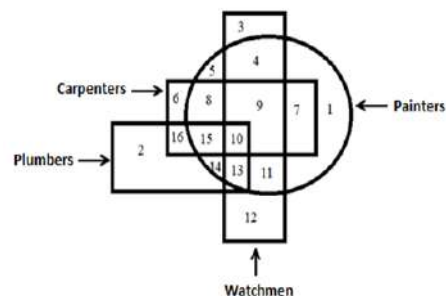
Option 3 ID : 75189749329

Option 4 ID : 75189749331

Status : **Not Attempted and Marked For Review**

Chosen Option : --

**Q.15** Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of persons. What does region '13' represent?



- Ans
- ☒ 1. The number of carpenters who are only watchmen.
  - ☒ 2. The number of painters who are only watchmen.
  - ☒ 3. The number of painters who are only plumbers and neither watchmen nor carpenters.
  - ☒ 4. The number of painters who are plumbers and also watchmen but not carpenters.

Question ID : 75189711488

Option 1 ID : 75189745951

Option 2 ID : 75189745949

Option 3 ID : 75189745952

Option 4 ID : 75189745950

Status : **Answered**

Chosen Option : 4

**Q.16** Each of the six students of class XII, Q, R, U, V, Y and Z, has an online medical entrance exam on a different day of a week, starting from Tuesday and ending on Sunday of the same week, but not necessarily in the same order. None of them have the exam before U. Y has the exam immediately after U. V has the exam on Saturday and Z has the exam immediately before V. Q does not have the exam on Sunday. Who among the following has the exam on Thursday?

- Ans**
- ☒ 1. Z
  - ☒ 2. Y
  - ☒ 3. R
  - ☒ 4. Q

Question ID : **75189711445**

Option 1 ID : **75189745777**

Option 2 ID : **75189745780**

Option 3 ID : **75189745779**

Option 4 ID : **75189745778**

Status : **Answered**

Chosen Option : 4

**Q.17** If the length of each side of a cube is increased to three times its initial length, then its volume will become \_\_\_\_\_ times its initial volume.

- Ans**
- ☒ 1. 27
  - ☒ 2. 9
  - ☒ 3. 6
  - ☒ 4. 3

Question ID : **75189711815**

Option 1 ID : **75189747260**

Option 2 ID : **75189747259**

Option 3 ID : **75189747258**

Option 4 ID : **75189747257**

Status : **Answered**

Chosen Option : 1

**Q.18** \_\_\_\_\_ is the largest state in India by land area.

- Ans**
- ☒ 1. Madhya Pradesh
  - ☒ 2. Rajasthan
  - ☒ 3. Maharashtra
  - ☒ 4. Uttar Pradesh

Question ID : **75189710473**

Option 1 ID : **75189741890**

Option 2 ID : **75189741889**

Option 3 ID : **75189741891**

Option 4 ID : **75189741892**

Status : **Answered**

Chosen Option : 2

**Q.19** An equation, whose roots are the reciprocals of the roots of the equation  $5x^2 - 3x - 4 = 0$ , is:

- Ans**
- ☒ 1.  $4x^2 - 3x - 5 = 0$
  - ☒ 2.  $4x^2 + 3x - 5 = 0$
  - ☒ 3.  $4x^2 - 3x + 5 = 0$
  - ☒ 4.  $4x^2 + 3x + 5 = 0$

Question ID : 75189711797

Option 1 ID : 75189747186

Option 2 ID : 75189747185

Option 3 ID : 75189747187

Option 4 ID : 75189747188

Status : **Not Attempted and Marked For Review**

Chosen Option : --

**Q.20** The Bay of Bengal's islands of Andaman in the north and the Nicobar in the south are separated by a waterbody which is called the \_\_\_\_\_ channel.

- Ans**
- ☒ 1. twenty degree
  - ☒ 2. forty degree
  - ☒ 3. ten degree
  - ☒ 4. thirty degree

Question ID : 75189712406

Option 1 ID : 75189749622

Option 2 ID : 75189749624

Option 3 ID : 75189749621

Option 4 ID : 75189749623

Status : **Answered**

Chosen Option : 3

**Q.21** In this question, the statement is followed by four conclusions. Find out which conclusion is true based on the given statement:

$$A \geq B, C \leq D, B = D > E$$

- Ans**
- ☒ 1.  $E < A$
  - ☒ 2.  $B < C$
  - ☒ 3.  $D \geq A$
  - ☒ 4.  $E > B$

Question ID : 75189710803

Option 1 ID : 75189743209

Option 2 ID : 75189743210

Option 3 ID : 75189743211

Option 4 ID : 75189743212

Status : **Answered**

Chosen Option : 1

Q.22  $\left[ \left\{ (1690 - 934) \times \frac{5}{6} + 815 \right\} \div 17 \right]$  equals:

- Ans ☒ 1. 85  
☐ 2. 27  
☐ 3. 58  
☐ 4. 17

Question ID : 75189711999

Option 1 ID : 75189747995

Option 2 ID : 75189747993

Option 3 ID : 75189747996

Option 4 ID : 75189747994

Status : Answered

Chosen Option : 1

Q.23 Which of the following products is formed when calcium carbonate is heated?

- Ans ☐ 1. Limestone  
☐ 2. Slaked lime  
☒ 3. Quick lime  
☐ 4. Marble

Question ID : 75189711866

Option 1 ID : 75189747461

Option 2 ID : 75189747462

Option 3 ID : 75189747464

Option 4 ID : 75189747463

Status : Answered

Chosen Option : 4

Q.24 The disease AIDS is caused by:

- Ans ☐ 1. bacterium  
☐ 2. fungus  
☒ 3. virus  
☐ 4. mycobacterium

Question ID : 75189710219

Option 1 ID : 75189740875

Option 2 ID : 75189740874

Option 3 ID : 75189740876

Option 4 ID : 75189740873

Status : Answered

Chosen Option : 3

**Q.25** Which of the following aqueous solutions undergoes electrolysis to form sodium hydroxide?

- Ans ☒ 1. NaCl  
☒ 2. Na<sub>2</sub>SO<sub>4</sub>  
☒ 3. NaHCO<sub>3</sub>  
☒ 4. Na<sub>2</sub>O

Question ID : 75189710362

Option 1 ID : 75189741446

Option 2 ID : 75189741448

Option 3 ID : 75189741447

Option 4 ID : 75189741445

Status : Answered

Chosen Option : 1

**Q.26** The theme of International Women's Day 2022 issued by the United Nations was \_\_\_\_\_.

- Ans ☒ 1. Gender Equality Today for a Sustainable Tomorrow  
☒ 2. Women in Leadership: Achieving an Equal Future in a COVID-19 World  
☒ 3. Think Equal, Build Smart, Innovate for Change  
☒ 4. An Equal World is an Enabled World

Question ID : 7518974164

Option 1 ID : 75189716654

Option 2 ID : 75189716653

Option 3 ID : 75189716656

Option 4 ID : 75189716655

Status : Not Answered

Chosen Option : --

**Q.27** Five people, Zunaid, Riya, Hema, Indu and Jagan, are sitting around a circular table facing the centre (but not necessarily in the same order). Zunaid is sitting second to the left of Indu. Hema is sitting second to the right of Riya. Jagan is not an immediate neighbour of Zunaid.

Who is sitting third to the right of Riya?

- Ans ☒ 1. Zunaid  
☒ 2. Indu  
☒ 3. Jagan  
☒ 4. Hema

Question ID : 75189711425

Option 1 ID : 75189745700

Option 2 ID : 75189745697

Option 3 ID : 75189745698

Option 4 ID : 75189745699

Status : Answered

Chosen Option : 2

**Q.28** Anil and Sunil started a business investing equal amounts. Anil left after 9 months. They earned an annual profit of ₹28,000. What is Sunil's share of annual profit?

- Ans**
- ✓ 1. ₹16,000
  - ✗ 2. ₹15,000
  - ✗ 3. ₹13,000
  - ✗ 4. ₹12,000

Question ID : **75189712024**

Option 1 ID : **75189748095**

Option 2 ID : **75189748093**

Option 3 ID : **75189748096**

Option 4 ID : **75189748094**

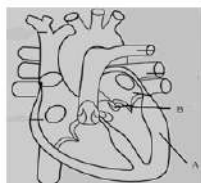
Status : **Answered**

Chosen Option : 1

**Q.29** Two questions based on the transverse section of human heart are given below. Find the option that gives the correct answers to both the questions.

Q. Why does the part labelled 'A' have thick walls?

Q. What is the function of the part labelled 'B'?



- Ans**
- ✗ 1. A – Because it pumps blood to the left auricle
  - ✗ 2. B – Does not let the blood flow forward
  - ✗ 2. A – Because it pumps blood to the right auricle
  - ✗ 2. B – Prevents back flow of blood
  - ✓ 3. A – Because it pumps blood to different parts of the body
  - ✓ 3. B – Prevents back flow of blood
  - ✗ 4. A – Because it pumps blood to the pulmonary artery
  - ✗ 4. B – Pumps blood to aorta

Question ID : **7518974594**

Option 1 ID : **75189718374**

Option 2 ID : **75189718376**

Option 3 ID : **75189718373**

Option 4 ID : **75189718375**

Status : **Answered**

Chosen Option : 3

**Q.30** Select the option that represents the letters that, when placed from left to right in the same sequence in the blanks below, will complete the letter series.

S X \_ A B S \_ Y B B S X Y \_ B S X \_ D B

- Ans**
- ☒ 1. CXYX
  - ☒ 2. XCCY
  - ☒ 3. YXCY
  - ☒ 4. XCYC

Question ID : 7518979841  
Option 1 ID : 75189739364  
Option 2 ID : 75189739363  
Option 3 ID : 75189739361  
Option 4 ID : 75189739362

Status : Answered  
Chosen Option : 3

**Q.31** Shenoy borrowed ₹4,50,000 at 5% per annum compounded annually. What is the amount he has to pay at the end of 2 years?

- Ans**
- ☒ 1. ₹4,65,000
  - ☒ 2. ₹4,82,725
  - ☒ 3. ₹4,96,125
  - ☒ 4. ₹4,75,000

Question ID : 75189712030  
Option 1 ID : 75189748118  
Option 2 ID : 75189748117  
Option 3 ID : 75189748120  
Option 4 ID : 75189748119

Status : Answered  
Chosen Option : 3

**Q.32** A cube each of whose side is 5 cm will have a total surface area of \_\_\_\_\_ cm<sup>2</sup>.

- Ans**
- ☒ 1. 80
  - ☒ 2. 120
  - ☒ 3. 150
  - ☒ 4. 60

Question ID : 75189711816  
Option 1 ID : 75189747263  
Option 2 ID : 75189747264  
Option 3 ID : 75189747261  
Option 4 ID : 75189747262

Status : Answered  
Chosen Option : 3

**Q.33** If all the letters in each of the following words are written in reverse order and the newly formed words/clusters are arranged as per the dictionary arrangements, which of the following word/cluster will appear in the middle?

LOST, TALK, WALK, KALM, SHAW

- Ans**
- ☒ 1. SHAW
  - ☒ 2. LOST
  - ☒ 3. KALM
  - ☒ 4. WALK

Question ID : **7518977969**

Option 1 ID : **75189731875**

Option 2 ID : **75189731876**

Option 3 ID : **75189731873**

Option 4 ID : **75189731874**

Status : **Answered**

Chosen Option : **1**

**Q.34** The following table shows the population (in lakhs) of four cities (A, B, C and D) over the past four years. Study the table and answer the question.

| City's Name | 2018-19<br>(In lakhs) | 2020-21<br>(In lakhs) |
|-------------|-----------------------|-----------------------|
| A           | 78                    | 92                    |
| B           | 61                    | 84                    |
| C           | 71                    | 92                    |
| D           | 72                    | 95                    |

Which city has registered the highest percentage of population growth from 2018-2019 to 2020-2021?

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

Question ID : **75189710972**

Option 1 ID : **75189743885**

Option 2 ID : **75189743886**

Option 3 ID : **75189743888**

Option 4 ID : **75189743887**

Status : **Not Attempted and  
Marked For Review**

Chosen Option : **--**

Q.35 নিম্নলিখিতগুলির মধ্যে শক্তির প্রচলিত উৎস?

- Ans
- ✓ 1. নিউক্লিয়ার শক্তি
  - ✗ 2. জলবিদ্যুৎ শক্তি
  - ✗ 3. জোয়ার-ভাটা শক্তি
  - ✗ 4. বায়োমাস শক্তি

Question ID : 75189712207

Option 1 ID : 75189748827

Option 2 ID : 75189748828

Option 3 ID : 75189748825

Option 4 ID : 75189748826

Status : Answered

Chosen Option : 2

Q.36 Under Article 243 E of the Constitution of India, every Panchayat, unless sooner dissolved under any law for the time being in force, shall continue for \_\_\_\_\_ years from the date appointed for its first meeting and no longer.

- Ans
- ✗ 1. six
  - ✗ 2. four
  - ✗ 3. three
  - ✓ 4. five

Question ID : 75189712432

Option 1 ID : 75189749728

Option 2 ID : 75189749726

Option 3 ID : 75189749725

Option 4 ID : 75189749727

Status : Answered

Chosen Option : 4

Q.37 Find the third proportional to 60 and 90.

- Ans
- ✗ 1. 75
  - ✗ 2. 90
  - ✗ 3. 120
  - ✓ 4. 135

Question ID : 75189712051

Option 1 ID : 75189748202

Option 2 ID : 75189748204

Option 3 ID : 75189748201

Option 4 ID : 75189748203

Status : Answered

Chosen Option : 4

**Q.38** Where is the headquarters of State Bank of India (SBI)?

- Ans**
- ☐ 1. Chennai
  - ☐ 2. New Delhi
  - ☐ 3. Kolkata
  - ☒ 4. Mumbai

Question ID : 75189710583

Option 1 ID : 75189742331

Option 2 ID : 75189742329

Option 3 ID : 75189742332

Option 4 ID : 75189742330

Status : Answered

Chosen Option : 4

**Q.39** Suppose a point source is incident on a system and it produces a parallel beam of light with respect to the principal axis of the system. The system is:

- Ans**
- ☐ 1. either a concave mirror or a concave lens
  - ☐ 2. either a convex mirror or a convex lens
  - ☒ 3. either a concave mirror or a convex lens
  - ☐ 4. Two plane mirrors perpendicular to each other

Question ID : 75189712184

Option 1 ID : 75189748735

Option 2 ID : 75189748733

Option 3 ID : 75189748734

Option 4 ID : 75189748736

Status : Answered

Chosen Option : 3

**Q.40** A statement is given followed by two assumptions numbered I and II. You have to assume everything in the statement to be true and decide which of the assumptions is/are implicit in the statement.

Statement:

Due to the ongoing roadwork, all traffic on road X is being diverted to the airport road.

Assumptions:

- I. There are huge traffic jams leading to the airport.
- II. Flights are being rescheduled as people cannot make it to the airport on time.

- Ans**
- ☐ 1. Both assumptions I and II are implicit
  - ☐ 2. Only assumption II is implicit
  - ☒ 3. Neither assumptions I nor II is implicit
  - ☐ 4. Only assumption I is implicit

Question ID : 75189711699

Option 1 ID : 75189746796

Option 2 ID : 75189746794

Option 3 ID : 75189746795

Option 4 ID : 75189746793

Status : Answered

Chosen Option : 3

Q.41 A certain percentage of deposits which every bank must keep as 'reserves' is called \_\_\_\_\_.

- Ans
- ☒ 1. Cash Reserve Ratio (CRR)
  - ☐ 2. Compulsory Deposit in Central Bank
  - ☐ 3. Fixed Deposits with RBI
  - ☐ 4. Statutory Liquidity Ratio (SLR)

Question ID : 7518977229

Option 1 ID : 75189728914

Option 2 ID : 75189728916

Option 3 ID : 75189728915

Option 4 ID : 75189728913

Status : Not Attempted and  
Marked For Review

Chosen Option : --

Q.42 Which element has the hardest natural allotrope?

- Ans
- ☐ 1. Pb
  - ☐ 2. Sn
  - ☐ 3. S
  - ☒ 4. C

Question ID : 7518979598

Option 1 ID : 75189738392

Option 2 ID : 75189738391

Option 3 ID : 75189738390

Option 4 ID : 75189738389

Status : Answered

Chosen Option : 4

Q.43 Ren and Martin started a company on 1 March 2019. The ratio of their investments was 5 : 4. Martin left the company after 15 months. In what ratio must the profit be divided at the end of 2 years?

- Ans
- ☒ 1. 2 : 1
  - ☐ 2. 29 : 19
  - ☐ 3. 24 : 15
  - ☐ 4. 1 : 3

Question ID : 75189712023

Option 1 ID : 75189748090

Option 2 ID : 75189748091

Option 3 ID : 75189748092

Option 4 ID : 75189748089

Status : Not Attempted and  
Marked For Review

Chosen Option : --

Q.44 Which of the following numbers will replace the question mark (?) in the given series?

78, 32, 68, 64, 58, 128, 48, 256, ?

- Ans
- ☒ 1. 28
  - ☒ 2. 24
  - ☒ 3. 34
  - ☒ 4. 38

Question ID : 75189711245

Option 1 ID : 75189744980

Option 2 ID : 75189744977

Option 3 ID : 75189744978

Option 4 ID : 75189744979

Status : Answered

Chosen Option : 4

Q.45 Which of the following is the correct name of a carbon compound with three-carbon chains and a ketone group?

- Ans
- ☒ 1. Propanal
  - ☒ 2. Propanone
  - ☒ 3. Propanol
  - ☒ 4. Propene

Question ID : 75189711855

Option 1 ID : 75189747417

Option 2 ID : 75189747419

Option 3 ID : 75189747418

Option 4 ID : 75189747420

Status : Answered

Chosen Option : 2

Q.46 Pinto went 12 km to the south from his house, then he turned east and covered 8 km, then he turned north and covered 6 km. Finally turning to the west, he covered 13 km. In which direction is he from his house?  
(All turns are 90 degree turns only)

- Ans
- ☒ 1. South
  - ☒ 2. North
  - ☒ 3. South-west
  - ☒ 4. South-east

Question ID : 7518979022

Option 1 ID : 75189736085

Option 2 ID : 75189736088

Option 3 ID : 75189736087

Option 4 ID : 75189736086

Status : Answered

Chosen Option : 3

Q.47

The value of  $\frac{\tan A}{1 - \cot A} + \frac{\cot A}{1 - \tan A}$  is:

- Ans
- ☒ 1.  $\sec A \operatorname{cosec} A - 1$
  - ☒ 2.  $\operatorname{cosec} A \cos A + 1$
  - ☒ 3.  $\sec A \operatorname{cosec} A + 1$
  - ☒ 4.  $\sec A \sin A + 1$

Question ID : 75189711829

Option 1 ID : 75189747313

Option 2 ID : 75189747316

Option 3 ID : 75189747314

Option 4 ID : 75189747315

Status : Not Answered

Chosen Option : --

Q.48

Simplify

$$(731)^2 - (269)^2 = ?$$

- Ans
- ☒ 1. 452000
  - ☒ 2. 450000
  - ☒ 3. 462000
  - ☒ 4. 464000

Question ID : 75189711709

Option 1 ID : 75189746833

Option 2 ID : 75189746834

Option 3 ID : 75189746836

Option 4 ID : 75189746835

Status : Answered

Chosen Option : 3

Q.49

Which of the following numbers will replace the question mark (?) in the given series?

20, 20, 22, 66, 70, ?

- Ans
- ☒ 1. 350
  - ☒ 2. 75
  - ☒ 3. 340
  - ☒ 4. 74

Question ID : 75189710913

Option 1 ID : 75189743650

Option 2 ID : 75189743651

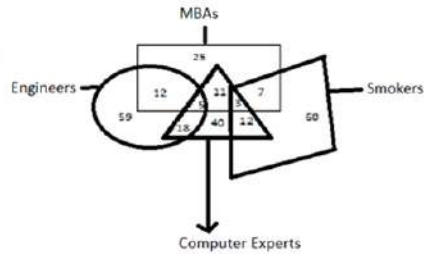
Option 3 ID : 75189743652

Option 4 ID : 75189743649

Status : Not Attempted and  
Marked For Review

Chosen Option : --

**Q.50** Study the given diagram carefully and answer the questions. The numbers in different sections indicate the number of employees.



How many employees with MBA degrees are computer experts but are NOT engineers and also don't smoke?

- Ans**
- ✓ 1. 11
  - ✗ 2. 5
  - ✗ 3. 3
  - ✗ 4. 12

Question ID : **75189710792**

Option 1 ID : **75189743167**

Option 2 ID : **75189743165**

Option 3 ID : **75189743166**

Option 4 ID : **75189743168**

Status : **Answered**

Chosen Option : 1

**Q.51** Babli travelled for 14 hours. If she covered one-fourth of the journey at a speed of 25 km/h and the remaining at 30 km/h, what is the total distance travelled by her?

- Ans**
- ✗ 1. 140 km
  - ✓ 2. 400 km
  - ✗ 3. 225 km
  - ✗ 4. 340 km

Question ID : **75189712043**

Option 1 ID : **75189748170**

Option 2 ID : **75189748171**

Option 3 ID : **75189748169**

Option 4 ID : **75189748172**

Status : **Answered**

Chosen Option : 2

**Q.52** Each vowel in the word SANITY is changed to the letter following it in the English alphabetical order and each consonant is changed to the letter preceding it in the English alphabetical order. If each letter, thus formed, is arranged in alphabetical order, which letter will be fourth from the left?

- Ans**
- ☒ 1. R
  - ☐ 2. J
  - ☐ 3. S
  - ☐ 4. X

Question ID : **75189711691**

Option 1 ID : **75189746763**

Option 2 ID : **75189746762**

Option 3 ID : **75189746764**

Option 4 ID : **75189746761**

Status : **Answered**

Chosen Option : **1**

**Q.53** Which amendment added a chapter IV-A to Indian Constitution which consisted of only one Article 51-A that dealt with Fundamental Duties?

- Ans**
- ☐ 1. 53<sup>rd</sup>
  - ☐ 2. 44<sup>th</sup>
  - ☒ 3. 42<sup>nd</sup>
  - ☐ 4. 58<sup>th</sup>

Question ID : **75189710598**

Option 1 ID : **75189742391**

Option 2 ID : **75189742390**

Option 3 ID : **75189742389**

Option 4 ID : **75189742392**

Status : **Answered**

Chosen Option : **3**

**Q.54** What do you call profits earned by a business firm over and above the opportunity cost of the factor inputs?

- Ans**
- ☐ 1. Normal Profit
  - ☐ 2. Optimum Profit
  - ☒ 3. Abnormal Profit
  - ☐ 4. Regulated Profit

Question ID : **7518977237**

Option 1 ID : **75189728945**

Option 2 ID : **75189728948**

Option 3 ID : **75189728946**

Option 4 ID : **75189728947**

Status : **Not Answered**

Chosen Option : **--**

Q.55 If

'+' means '×',

-' means '+',

'×' means '-' and

÷' means '+',

then which number will replace the question mark (?) in the following expression?

$$11 + 35 - 5 \times 8 \div 3 = ?$$

Ans ☒ 1. 32.6☒ 2. -72☒ 3. 72☒ 4. -32.6

Question ID : 7518978077

Option 1 ID : 75189732305

Option 2 ID : 75189732307

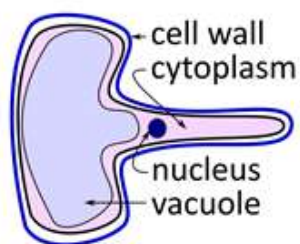
Option 3 ID : 75189732306

Option 4 ID : 75189732308

Status : Answered

Chosen Option : 3

Q.56 Where in a plant can we find such a cell?

Ans ☒ 1. Shoot tip☒ 2. Seed (germination)☒ 3. Root☒ 4. Xylem

Question ID : 75189712253

Option 1 ID : 75189749012

Option 2 ID : 75189749009

Option 3 ID : 75189749010

Option 4 ID : 75189749011

Status : Not Answered

Chosen Option : --

Q.57 Where did Gautam Buddha deliver his first sermon?

- Ans
- ☐ 1. Bodh Gaya
  - ☐ 2. Kushinagar
  - ☒ 3. Sarnath
  - ☐ 4. Lumbini

Question ID : 75189712139

Option 1 ID : 75189748553

Option 2 ID : 75189748555

Option 3 ID : 75189748554

Option 4 ID : 75189748556

Status : Answered

Chosen Option : 3

Q.58 What does 'conservation' mean in terms of a natural resource like water?

- Ans
- ☐ 1. Stop its use
  - ☐ 2. Leave it in a natural condition
  - ☐ 3. Protect against pollution
  - ☒ 4. Manage it wisely

Question ID : 75189712320

Option 1 ID : 75189749277

Option 2 ID : 75189749278

Option 3 ID : 75189749279

Option 4 ID : 75189749280

Status : Answered

Chosen Option : 4

Q.59 Fleming's right hand rule gives us:

- Ans
- ☐ 1. the magnitude and the direction of the induced EMF
  - ☐ 2. the magnitude of the induced EMF
  - ☒ 3. the direction of the induced current
  - ☐ 4. the direction of the magnetic field

Question ID : 75189712236

Option 1 ID : 75189748943

Option 2 ID : 75189748941

Option 3 ID : 75189748944

Option 4 ID : 75189748942

Status : Answered

Chosen Option : 1

Q.60 Match the columns.

| Group-I      | Group-B                       |
|--------------|-------------------------------|
| I. Heart     | A. Pumping organ              |
| II. Arteries | B. Carries deoxygenated blood |
| III. Veins   | C. Carries oxygenated blood   |

Ans ☒ 1. I-A; II-C; III-B

☒ 2. I-C; II-A; III-B

☒ 3. I-A; II-B; III-C

☒ 4. I-C; II-B; III-A

Question ID : 75189710209

Option 1 ID : 75189740835

Option 2 ID : 75189740834

Option 3 ID : 75189740833

Option 4 ID : 75189740836

Status : Answered

Chosen Option : 1

Q.61 Who among the following was also called the 'Lion of Punjab'?

Ans ☒ 1. Sardar Vallabhbhai Patel

☒ 2. Bal Gangadhar Tilak

☒ 3. Lala Lajpat Rai

☒ 4. Bhagat Singh

Question ID : 7518977465

Option 1 ID : 75189729858

Option 2 ID : 75189729857

Option 3 ID : 75189729859

Option 4 ID : 75189729860

Status : Answered

Chosen Option : 2

**Q.62** Find the mode of a moderately skewed data using empirical relation, given its mean is 222.4 and median is 216.6.

- Ans
- ☒ 1. 216
  - ☒ 2. 218
  - ☒ 3. 205
  - ☒ 4. 222

Question ID : 75189712058

Option 1 ID : 75189748230

Option 2 ID : 75189748229

Option 3 ID : 75189748231

Option 4 ID : 75189748232

Status : Answered

Chosen Option : 3

**Q.63** Which of the following is the best action to increase the thickness of the ozone layer?

- Ans
- ☒ 1. Reduce use of fluorine-based refrigerants
  - ☒ 2. Increase the percentage of oxygen in our atmosphere
  - ☒ 3. Reduce emission of carbon dioxide
  - ☒ 4. Release ozone-filled balloons that will burst at high altitude

Question ID : 75189712311

Option 1 ID : 75189749242

Option 2 ID : 75189749243

Option 3 ID : 75189749241

Option 4 ID : 75189749244

Status : Answered

Chosen Option : 1

**Q.64** As of August 2022, under the Naya Savera Scheme, only candidates belonging to the notified Minority Communities, having the total family income from all sources NOT exceeding \_\_\_\_\_ per annum, will be eligible under the Scheme.

- Ans
- ☒ 1. ₹8 lakh
  - ☒ 2. ₹6 lakh
  - ☒ 3. ₹4 lakh
  - ☒ 4. ₹2 lakh

Question ID : 75189711101

Option 1 ID : 75189744404

Option 2 ID : 75189744403

Option 3 ID : 75189744402

Option 4 ID : 75189744401

Status : Not Answered

Chosen Option : --

**Q.65** Which Indian badminton player was the runner-up in the Yonex All England Open Badminton Championships 2022?

- Ans
- ☒ 1. Purupalli Kashyap
  - ☒ 2. Kidambi Srikanth
  - ☒ 3. Chirag Sen
  - ☒ 4. Lakshya Sen

Question ID : 75189712113

Option 1 ID : 75189748449

Option 2 ID : 75189748450

Option 3 ID : 75189748452

Option 4 ID : 75189748451

Status : Not Answered

Chosen Option : --

**Q.66** Find the HCF of 1248 and 2456.

- Ans
- ☒ 1. 8
  - ☒ 2. 12
  - ☒ 3. 16
  - ☒ 4. 14

Question ID : 75189712013

Option 1 ID : 75189748049

Option 2 ID : 75189748050

Option 3 ID : 75189748051

Option 4 ID : 75189748052

Status : Answered

Chosen Option : 1

**Q.67** Two successive discounts of 15% and  $X\%$  on the sale of an item is equivalent to a single discount of 23.5%. What is the value of  $X\%$ ?

- Ans
- ☒ 1. 11%
  - ☒ 2. 12%
  - ☒ 3. 10%
  - ☒ 4. 9%

Question ID : 75189711757

Option 1 ID : 75189747025

Option 2 ID : 75189747028

Option 3 ID : 75189747026

Option 4 ID : 75189747027

Status : Not Attempted and Marked For Review

Chosen Option : --

Q.68 Which of the following instruments use the principle of refraction?

- Ans
- ☐ 1. Radio
  - ☒ 2. Spectacles
  - ☐ 3. Mobile
  - ☐ 4. Clock

Question ID : 75189711309

Option 1 ID : 75189745233

Option 2 ID : 75189745234

Option 3 ID : 75189745236

Option 4 ID : 75189745235

Status : Answered

Chosen Option : 2

Q.69 The chemical reaction in which two reactants exchange their ions to form two new compounds is known as:

- Ans
- ☐ 1. displacement reaction
  - ☒ 2. double displacement reaction
  - ☐ 3. reduction reaction
  - ☐ 4. combination reaction

Question ID : 75189711876

Option 1 ID : 75189747501

Option 2 ID : 75189747502

Option 3 ID : 75189747504

Option 4 ID : 75189747503

Status : Answered

Chosen Option : 2

Q.70 If '+' and '-' are interchanged, what will be the value of the given expression?

$$18 - 6 + 14 \times 10 \div 5$$

- Ans
- ☐ 1. 148
  - ☐ 2. 120
  - ☐ 3. 96
  - ☒ 4. 138

Question ID : 7518979795

Option 1 ID : 75189739180

Option 2 ID : 75189739178

Option 3 ID : 75189739177

Option 4 ID : 75189739179

Status : Answered

Chosen Option : 4

**Q.71** Suppose a lamp is connected to a battery of 10 V and current flowing through the lamp is 2 A. The heat energy produced by the lamp in 10 s is:

- Ans
- ☒ 1. 175 J
  - ☒ 2. 50 J
  - ☒ 3. 200 J
  - ☒ 4. 100 J

Question ID : 75189712224

Option 1 ID : 75189748895

Option 2 ID : 75189748893

Option 3 ID : 75189748896

Option 4 ID : 75189748894

Status : Answered

Chosen Option : 3

**Q.72** Suppose Raghu has kept an object in front of a concave mirror of focal length ( $f$ ) at various distances ( $u$ ) and he has measured the corresponding image distances ( $v$ ). From the values of  $u$  and  $v$ , Raghu is able to plot a graph of magnification  $m$  against  $v$ . Which of the following options is true?

- Ans
- ☒ 1. It is a straight line with slope  $-1/f$ , and x intercept  $-1$  and y intercept  $+f$
  - ☒ 2. It is a straight line with slope  $+f$ , and x intercept  $-1$  and y intercept  $1/f$
  - ☒ 3. It is a straight line with slope  $-f$ , and x intercept  $-1$  and y intercept  $-f$
  - ☒ 4. It is a straight line with slope  $+1/f$ , and x intercept  $+f$  and y intercept  $-1$

Question ID : 75189712198

Option 1 ID : 75189748791

Option 2 ID : 75189748789

Option 3 ID : 75189748792

Option 4 ID : 75189748790

Status : Not Attempted and Marked For Review

Chosen Option : --

**Q.73** Five laptop boxes marked with Z, X, W, V and U are kept one above the other but not necessarily in the same order. W is kept immediately above V. U is kept third from the top. W is neither the topmost nor the bottom most box. Z is kept immediately below X. Which box is kept immediately below Z?

- Ans
- ☒ 1. U
  - ☒ 2. V
  - ☒ 3. W
  - ☒ 4. X

Question ID : 75189711461

Option 1 ID : 75189745842

Option 2 ID : 75189745844

Option 3 ID : 75189745843

Option 4 ID : 75189745841

Status : Answered

Chosen Option : 1

**Q.74** In this question, a group of numbers/symbols is coded using letters as per the table given below and the conditions which follow. The correct combination of codes following the conditions is your answer.

| Number/<br>Symbol | 6 | 8 | 4 | + | 5 | # | % | 2 | \$ | 1 | ^ | 7 | 9 | * | @ |
|-------------------|---|---|---|---|---|---|---|---|----|---|---|---|---|---|---|
| Code              | S | U | T | W | N | P | V | D | A  | Z | J | M | O | M | Y |

**Conditions:**

- (i) If the first and last elements are numbers, then the last element will be replaced by the symbol @.
- (ii) If the first element is a symbol, then the first element will be coded as ©.
- (iii) If both the first and second elements are numbers, then the third element will be coded as \*.

What will be the code for the following?

1 2 ^ % @

- Ans**
- ☒ 1. ZDJVY
  - ☒ 2. ZD\*VY
  - ☒ 3. VYJZD
  - ☒ 4. ZDYVJ

Question ID : **75189711573**

Option 1 ID : **75189746290**

Option 2 ID : **75189746289**

Option 3 ID : **75189746291**

Option 4 ID : **75189746292**

Status : **Not Attempted and  
Marked For Review**

Chosen Option : --

**Q.75** In February 2022, a joint team of scientists from which of the following organisations for the first time in the country successfully demonstrated Quantum Key Distribution link between Prayagraj and Vindhyachal in Uttar Pradesh, a distance of more than 100 kilometres?

- Ans**
- ☒ 1. Defence Research and Development Organisation (DRDO) and Indian Institute of Science, Bengaluru
  - ☒ 2. Indian Space Research Organisation (ISRO) and Indian Institute of Technology (IIT), Delhi
  - ☒ 3. Defence Research and Development Organisation (DRDO) and Indian Institute of Technology (IIT), Delhi
  - ☒ 4. Defence Electronics Research Laboratory (DERL) and Indian Institute of Technology (IIT), Kharagpur

Question ID : **75189712343**

Option 1 ID : **75189749370**

Option 2 ID : **75189749369**

Option 3 ID : **75189749372**

Option 4 ID : **75189749371**

Status : **Not Answered**

Chosen Option : --

**Q.76** Seema is younger than Reema by 4 years. After 4 years the sum of their ages will be 44 years. What is Reema's present age?

- Ans**
- ✓ 1. 20 years
  - ✗ 2. 32 years
  - ✗ 3. 12 years
  - ✗ 4. 16 years

Question ID : **75189712074**

Option 1 ID : **75189748295**

Option 2 ID : **75189748293**

Option 3 ID : **75189748296**

Option 4 ID : **75189748294**

Status : **Answered**

Chosen Option : **1**

**Q.77** A student plots three graphs for I against V for three Ohmic conductors A, B and C. He found that the slope of these three graphs are 0.5, 0.1 and 0.2, respectively. If the conductors have the same length and their cross-section areas are in the ratio 1 : 2 : 3, then their resistivity ratios i.e.  $\rho_A : \rho_B : \rho_C$  will be:

- Ans**
- ✗ 1. 3 : 20 : 15
  - ✗ 2. 1 : 20 : 15
  - ✓ 3. 2 : 20 : 15
  - ✗ 4. 4 : 20 : 15

Question ID : **75189712217**

Option 1 ID : **75189748867**

Option 2 ID : **75189748865**

Option 3 ID : **75189748866**

Option 4 ID : **75189748868**

Status : **Not Answered**

Chosen Option : **--**

**Q.78** In a code language, the numbers/symbols are coded using letters as per the table given below and as per the given conditions.

| Number/ Symbol | 6 | ^ | 8 | @ | 4 | # | 9 | \$ | 1 | & | 3 | * |
|----------------|---|---|---|---|---|---|---|----|---|---|---|---|
| Code           | T | D | C | R | G | B | Y | H  | N | J | P | L |

**Conditions:**

1. If the first element is an even number and the last an odd number the codes for these two (the first and the last elements) are to be interchanged.
2. If both the second and third elements are odd numbers, the third element is to be coded as the code for the second element.
3. If the first element is a number and the last a symbol, the first and last elements are to be coded as ©.

What will be the code for 913@#4 ?

- Ans**
- ☒ 1. YPPRBG
  - ☒ 2. YPNRBG
  - ☒ 3. YNPRBG
  - ☒ 4. YNNRBG

Question ID : **7518978005**  
 Option 1 ID : **75189732018**  
 Option 2 ID : **75189732019**  
 Option 3 ID : **75189732017**  
 Option 4 ID : **75189732020**

Status : **Answered**

Chosen Option : **4**

**Q.79** The correct chemical formula of washing soda is:

- Ans**
- ☒ 1.  $\text{Na}_2\text{CO}_3 \cdot 8\text{H}_2\text{O}$
  - ☒ 2.  $\text{Na}_2\text{CO}_3 \cdot 12\text{H}_2\text{O}$
  - ☒ 3.  $\text{Na}_2\text{CO}_3 \cdot 6\text{H}_2\text{O}$
  - ☒ 4.  $\text{Na}_2\text{CO}_3 \cdot 10\text{H}_2\text{O}$

Question ID : **7518979656**  
 Option 1 ID : **75189738622**  
 Option 2 ID : **75189738624**  
 Option 3 ID : **75189738621**  
 Option 4 ID : **75189738623**

Status : **Answered**

Chosen Option : **4**

**Q.80** Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. EXAMPLE: 13 – Operations on 13 such as adding/subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

10 : 21 :: 11 : 23 :: 12 : ?

- Ans
- ☒ 1. 24
  - ☒ 2. 26
  - ☒ 3. 23
  - ☒ 4. 25

Question ID : 75189711618

Option 1 ID : 75189746470

Option 2 ID : 75189746472

Option 3 ID : 75189746469

Option 4 ID : 75189746471

Status : Answered

Chosen Option : 4

**Q.81** The number of nonoverlapping triangles that can be formed in an 11 – sided polygon by joining the vertices are:

- Ans
- ☒ 1. 11
  - ☒ 2. 10
  - ☒ 3. 9
  - ☒ 4. 8

Question ID : 75189711821

Option 1 ID : 75189747281

Option 2 ID : 75189747282

Option 3 ID : 75189747284

Option 4 ID : 75189747283

Status : Not Attempted and  
Marked For Review

Chosen Option : --

**Q.82** Which of the following plants is a parasite?

- Ans
- ☒ 1. Mango
  - ☒ 2. Pitcher plant
  - ☒ 3. Cuscuta
  - ☒ 4. Cactus

Question ID : 7518974325

Option 1 ID : 75189717300

Option 2 ID : 75189717298

Option 3 ID : 75189717297

Option 4 ID : 75189717299

Status : Answered

Chosen Option : 3

Q.83 Which of the options below is equivalent to  $8x^3 + 27y^3 + 36x^2y + 54xy^2$ .

- Ans
- ☒ 1.  $(4x + 3y)^3$
  - ☒ 2.  $(2x + 3y)^3$
  - ☒ 3.  $(3x + 2y)^3$
  - ☒ 4.  $(2x + 5y)^3$

Question ID : 7518979984

Option 1 ID : 75189739935

Option 2 ID : 75189739934

Option 3 ID : 75189739933

Option 4 ID : 75189739936

Status : Answered

Chosen Option : 2

Q.84 A number added to its one-third is equal to 12. The number is \_\_\_\_\_.

- Ans
- ☒ 1. 9
  - ☒ 2. 3
  - ☒ 3. 4
  - ☒ 4. 6

Question ID : 75189711965

Option 1 ID : 75189747859

Option 2 ID : 75189747858

Option 3 ID : 75189747857

Option 4 ID : 75189747860

Status : Answered

Chosen Option : 1

Q.85 If the sum of the roots of a quadratic equation is  $-7$  and product of the roots of the same equation is  $-12$ , then the quadratic equation is given as \_\_\_\_\_.

- Ans
- ☒ 1.  $x^2 + 7x - 12 = 0$
  - ☒ 2.  $x^2 + 7x + 12 = 0$
  - ☒ 3.  $x^2 - 7 = 0$
  - ☒ 4.  $x^2 - 12 = 0$

Question ID : 75189711972

Option 1 ID : 75189747888

Option 2 ID : 75189747886

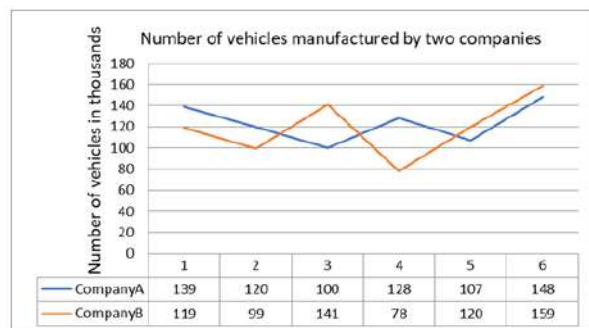
Option 3 ID : 75189747885

Option 4 ID : 75189747887

Status : Answered

Chosen Option : 1

- Q.86** Study the given chart and answer the question that follows.  
The numbers 1 to 6 represent the years from 2001 to 2006.



What is the average number of vehicles (approx.) manufactured by company B over the given period?

- Ans**
- ☒ 1. 1,19,333
  - ☒ 2. 1,11,223
  - ☒ 3. 1,22,778
  - ☒ 4. 1,23,666

Question ID : 75189711235

Option 1 ID : 75189744939

Option 2 ID : 75189744937

Option 3 ID : 75189744938

Option 4 ID : 75189744940

Status : **Not Attempted and Marked For Review**

Chosen Option : --

- Q.87** Which of the following pairs of elements belonging to the same group exhibit similar chemical properties?

- Ans**
- ☒ 1. C and Cl
  - ☒ 2. Li and Kr
  - ☒ 3. Mg and Mn
  - ☒ 4. N and P

Question ID : 75189711934

Option 1 ID : 75189747735

Option 2 ID : 75189747736

Option 3 ID : 75189747734

Option 4 ID : 75189747733

Status : **Answered**

Chosen Option : 4

**Q.88** Five boxes A, B, C, D and E are kept one over the other but not necessarily in the same order. D is kept third from the bottom. Only one box is kept between D and C. There are only three boxes between B and C. E is placed immediately above C. How many boxes are placed between A and B?

- Ans**
- ☒ 1. 3
  - ☒ 2. 0
  - ☒ 3. 2
  - ☒ 4. 1

Question ID : **7518978194**  
 Option 1 ID : **75189732776**  
 Option 2 ID : **75189732775**  
 Option 3 ID : **75189732774**  
 Option 4 ID : **75189732773**

Status : **Answered**

Chosen Option : **2**

**Q.89** Which of the following statements regarding Dobereiner's triads is NOT correct?

- Ans**
- ☒ 1. If three elements are arranged in the increasing sequence of atomic masses, then atomic mass of the middle element is approximately the average of the atomic masses of the other two elements.
  - ☒ 2. If three elements are arranged in the decreasing sequence of atomic masses, then atomic mass of the third element is approximately the average of the atomic masses of the other two elements.
  - ☒ 3. Li, Na and K constitute Dobereiner's triads.
  - ☒ 4. Cl, Br and I constitute Dobereiner's triads.

Question ID : **75189711919**  
 Option 1 ID : **75189747674**  
 Option 2 ID : **75189747675**  
 Option 3 ID : **75189747673**  
 Option 4 ID : **75189747676**

Status : **Answered**

Chosen Option : **2**

**Q.90** At what rate per annum would a sum of ₹8,000 amount to ₹9,261 in  $1\frac{1}{2}$  years, interest being compounded half-yearly?

- Ans**
- ☒ 1. 10%
  - ☒ 2. 15%
  - ☒ 3. 20%
  - ☒ 4. 5%

Question ID : **75189712028**  
 Option 1 ID : **75189748110**  
 Option 2 ID : **75189748111**  
 Option 3 ID : **75189748112**  
 Option 4 ID : **75189748109**

Status : **Not Attempted and Marked For Review**

Chosen Option : **--**

**Q.91** Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding/deleting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(63, 72)

(28, 32)

Ans ☒ 1. (64, 56)

☒ 2. (42, 48)

☒ 3. (56, 63)

☒ 4. (40, 48)

Question ID : 75189710931

Option 1 ID : 75189743722

Option 2 ID : 75189743723

Option 3 ID : 75189743721

Option 4 ID : 75189743724

Status : Answered

Chosen Option : 2

**Q.92** Simplify the given expression.

$$(x - y)^3 + (x + y)^3 + 3(x - y)(x^2 - y^2) + 3(x + y)(x^2 - y^2)$$

Ans ☒ 1.  $6x^3$

☒ 2.  $4x^3$

☒ 3.  $x^3$

☒ 4.  $8x^3$

Question ID : 75189711775

Option 1 ID : 75189747100

Option 2 ID : 75189747099

Option 3 ID : 75189747098

Option 4 ID : 75189747097

Status : Answered

Chosen Option : 4

**Q.93** Which of the following continues to grow and develop organs to become a foetus?

Ans ☒ 1. Embryo

☒ 2. Egg

☒ 3. Placenta

☒ 4. Zygote

Question ID : 75189710235

Option 1 ID : 75189740939

Option 2 ID : 75189740938

Option 3 ID : 75189740940

Option 4 ID : 75189740937

Status : Answered

Chosen Option : 1

**Q.94** In the given letter-cluster pairs, the first letter-cluster is related to the second letter-cluster following a certain logic. Study the given pairs carefully, and from the given options, select the pair that follows the same logic.

LINE : MHOD

GOAT : HNBS

- Ans**
- ☒ 1. TRIP : USJO
  - ☒ 2. PAIR : QZJQ
  - ☒ 3. CLUE : DKVF
  - ☒ 4. JSQB : IPPA

Question ID : 75189711599

Option 1 ID : 75189746395

Option 2 ID : 75189746393

Option 3 ID : 75189746394

Option 4 ID : 75189746396

Status : Answered

Chosen Option : 2

**Q.95** 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:**

All pens are pencils.

No pencil is a cutter.

All cutters are rubbers.

**Conclusions:**

- 1. All rubbers are pencils.
- 2. No pen is a cutter.

- Ans**
- ☒ 1. Only conclusion 2 follows.
  - ☒ 2. Neither 1 nor 2 is follows.
  - ☒ 3. Only conclusion 1 follows.
  - ☒ 4. Both conclusions 1 and 2 follow.

Question ID : 75189711403

Option 1 ID : 75189745610

Option 2 ID : 75189745612

Option 3 ID : 75189745609

Option 4 ID : 75189745611

Status : Answered

Chosen Option : 1

**Q.96** El-Nino is a complex weather system that appears once every \_\_\_\_\_ years, bringing drought, floods, and other weather extremes to different parts of the world including India.

- Ans**
- ✓ 1. three to seven
  - ✗ 2. four to six
  - ✗ 3. three to eight
  - ✗ 4. two to four

Question ID : **75189712401**  
Option 1 ID : **75189749602**  
Option 2 ID : **75189749604**  
Option 3 ID : **75189749603**  
Option 4 ID : **75189749601**  
Status : **Not Answered**  
Chosen Option : --

**Q.97** Consider several electric bulbs designed to be used on a 240 V electric supply line. The bulbs are rated as 10 W. How many bulbs can be connected in parallel with each other across the two wires of the 240 V line if the maximum allowable current is 8 A?

- Ans**
- ✓ 1. 192
  - ✗ 2. 212
  - ✗ 3. 174
  - ✗ 4. 156

Question ID : **75189711336**  
Option 1 ID : **75189745343**  
Option 2 ID : **75189745344**  
Option 3 ID : **75189745342**  
Option 4 ID : **75189745341**  
Status : **Not Attempted and Marked For Review**  
Chosen Option : --

**Q.98** The magnetic field lines produced by a bar magnet \_\_\_\_\_.

- Ans**
- ✓ 1. originate from its north pole and end at its south pole
  - ✗ 2. originate from its north pole and end at its east pole
  - ✗ 3. originate from its south pole and end at its north pole
  - ✗ 4. originate from its south pole and end at its east pole

Question ID : **75189711359**  
Option 1 ID : **75189745435**  
Option 2 ID : **75189745433**  
Option 3 ID : **75189745436**  
Option 4 ID : **75189745434**  
Status : **Answered**  
Chosen Option : 1

**Q.99** In the Indian monetary system which bank is said to be the lender of last resort?

- Ans**
- ☒ 1. Central Bank of India
  - ☒ 2. Reserve Bank of India
  - ☒ 3. State Bank of India
  - ☒ 4. Federal Bank

Question ID : **75189712385**

Option 1 ID : **75189749539**

Option 2 ID : **75189749540**

Option 3 ID : **75189749537**

Option 4 ID : **75189749538**

Status : **Answered**

Chosen Option : **2**

**Q.100** As per one of the provisions of Article 124 of the Indian Constitution, a Supreme Court judge can hold office until he attains the age of \_\_\_\_\_ years.

- Ans**
- ☒ 1. 60
  - ☒ 2. 62
  - ☒ 3. 67
  - ☒ 4. 65

Question ID : **75189712427**

Option 1 ID : **75189749705**

Option 2 ID : **75189749706**

Option 3 ID : **75189749708**

Option 4 ID : **75189749707**

Status : **Answered**

Chosen Option : **4**