



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 | Ganesh Institute Of Engineering And Technology |
| Test Date        | 07/10/2022                                     |
| Test Time        | 12:45 PM - 2:15 PM                             |
| 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 Who among the following sportspersons won two consecutive Olympic medals for India?

Ans ☒ 1. Deepika Kumari

☒ 2. Babita Phogat

☒ 3. Sania Mirza

☒ 4. PV Sindhu

Question ID : 75189713971

Option 1 ID : 75189755883

Option 2 ID : 75189755884

Option 3 ID : 75189755881

Option 4 ID : 75189755882

Status : Answered

Chosen Option : 4

Q.2 Which of the following is a sexually transmitted viral disease?

Ans ☒ 1. Syphilis

☒ 2. Jaundice

☒ 3. Gonorrhoea

☒ 4. AIDS

Question ID : 75189714843

Option 1 ID : 75189759371

Option 2 ID : 75189759369

Option 3 ID : 75189759370

Option 4 ID : 75189759372

Status : Answered

Chosen Option : 4

**Q.3** If one sees some marbles that are immersed in water, he/she will observe them as enlarged. This is because water acts as a:

- Ans**
- ☒ 1. plane mirror
  - ☒ 2. plano-concave lens
  - ☒ 3. convex lens
  - ☒ 4. concave lens

Question ID : **75189711283**  
Option 1 ID : **75189745132**  
Option 2 ID : **75189745129**  
Option 3 ID : **75189745131**  
Option 4 ID : **75189745130**

Status : **Answered**

Chosen Option : **4**

**Q.4** When the MP is positive but declining, it means \_\_\_\_\_

- Ans**
- ☒ 1. TP increases at an increasing rate
  - ☒ 2. TP increases at a decreasing rate
  - ☒ 3. TP increases at a constant rate
  - ☒ 4. TP is decreasing

Question ID : **75189712109**  
Option 1 ID : **75189748433**  
Option 2 ID : **75189748435**  
Option 3 ID : **75189748434**  
Option 4 ID : **75189748436**

Status : **Answered**

Chosen Option : **2**

**Q.5** Which of the following numbers is divisible by both 6 and 9?

- Ans**
- ☒ 1. 3186
  - ☒ 2. 5186
  - ☒ 3. 4256
  - ☒ 4. 2156

Question ID : **75189713269**  
Option 1 ID : **75189753076**  
Option 2 ID : **75189753075**  
Option 3 ID : **75189753073**  
Option 4 ID : **75189753074**

Status : **Answered**

Chosen Option : **1**

**Q.6** Seven people - N, O, P, S, W, X and Y are sitting in a straight line facing North. N sits fourth to the right of O. Neither N nor O sit at any of the extreme ends of the line. Only one person sits between N and P. S sits third to the right of P. W sits fourth to the right of X. Who sits to the immediate right of Y?

- Ans**
- ☒ 1. N
  - ☒ 2. X
  - ☒ 3. P
  - ☒ 4. O

Question ID : **75189715224**

Option 1 ID : **75189760896**

Option 2 ID : **75189760895**

Option 3 ID : **75189760894**

Option 4 ID : **75189760893**

Status : **Answered**

Chosen Option : **3**

**Q.7** Six children - 1, 2, 3, 4, 5 and 6 - are in a room, each child having a different height. Only three children are taller than 4. 1 is taller than 3 but shorter than 4. 5 is taller than 2 but not the tallest in the group. Who is the second tallest person among the six children?

- Ans**
- ☒ 1. 3
  - ☒ 2. 6
  - ☒ 3. 5
  - ☒ 4. 2

Question ID : **7518977335**

Option 1 ID : **75189729340**

Option 2 ID : **75189729337**

Option 3 ID : **75189729338**

Option 4 ID : **75189729339**

Status : **Answered**

Chosen Option : **2**

**Q.8** Refer to the following letter series and answer the question.

(Left) T S A B N U V T D Q S N M L A L E (Right)

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

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

Question ID : **75189713211**

Option 1 ID : **75189752844**

Option 2 ID : **75189752843**

Option 3 ID : **75189752841**

Option 4 ID : **75189752842**

Status : **Answered**

Chosen Option : **1**

Q.9 \_\_\_\_\_ is the first of the 24 Tirthankaras of Jainism.

- Ans
- ☒ 1. Padmaprabha
  - ☒ 2. Sumatinatha
  - ☒ 3. Rishabhanatha
  - ☒ 4. Sambhavanatha

Question ID : 75189710452

Option 1 ID : 75189741808

Option 2 ID : 75189741805

Option 3 ID : 75189741806

Option 4 ID : 75189741807

Status : Answered

Chosen Option : 3

Q.10 If  $x - y = 9$  and  $xy = 16$ , find the value of  $x^2 + y^2$ .

- Ans
- ☒ 1. 113
  - ☒ 2. 32
  - ☒ 3. 49
  - ☒ 4. 115

Question ID : 75189713354

Option 1 ID : 75189753413

Option 2 ID : 75189753415

Option 3 ID : 75189753414

Option 4 ID : 75189753416

Status : Answered

Chosen Option : 1

Q.11 Which of the following numbers will replace the question mark (?) in the given series?

4    12    76    292    804    ?

- Ans
- ☒ 1. 2000
  - ☒ 2. 1804
  - ☒ 3. 1000
  - ☒ 4. 2804

Question ID : 75189712689

Option 1 ID : 75189750755

Option 2 ID : 75189750754

Option 3 ID : 75189750753

Option 4 ID : 75189750756

Status : Answered

Chosen Option : 2

Q.12 The Indian player Sunil Chhetri, who received the Major Dhyan Chand Khel Ratna Award 2021, is associated with which of the following sports?

- Ans
- ☐ 1. Cricket
  - ☒ 2. Football
  - ☐ 3. Kabaddi
  - ☐ 4. Hockey

Question ID : 75189715056  
Option 1 ID : 75189760224  
Option 2 ID : 75189760223  
Option 3 ID : 75189760221  
Option 4 ID : 75189760222  
Status : Answered  
Chosen Option : 2

Q.13 Sunil made a paste of rice flour and added a drop of iodine solution to the paste. What will he see?

- Ans
- ☐ 1. Formation of small bubbles (effervescence)
  - ☒ 2. The paste turns blue-black
  - ☐ 3. The paste turns sky blue
  - ☐ 4. The rice flour emits brown fumes

Question ID : 75189712245  
Option 1 ID : 75189748977  
Option 2 ID : 75189748980  
Option 3 ID : 75189748978  
Option 4 ID : 75189748979  
Status : Marked For Review  
Chosen Option : 4

Q.14 যখন দুটি আয়ন বিনিময় হয় তখন নিচের কোন বিক্রিয়া ঘটে?

- Ans
- ☐ 1. বিয়োজন বিক্রিয়া
  - ☐ 2. সংযোজন বিক্রিয়া
  - ☒ 3. দ্বি-প্রতিস্থাপন বিক্রিয়া
  - ☐ 4. প্রতিস্থাপন বিক্রিয়া

Question ID : 75189715014  
Option 1 ID : 75189760054  
Option 2 ID : 75189760053  
Option 3 ID : 75189760056  
Option 4 ID : 75189760055  
Status : Answered  
Chosen Option : 4

**Q.15** Amongst six friends P, Q, R, S, T and U, each has a different height. R is taller than only one friend. Q is taller than only three friends. T is taller than R but shorter than U. U is not the tallest. U is taller than S. Who is the second tallest among all the friends?

- Ans**
- ☒ 1. R
  - ☒ 2. U
  - ☒ 3. T
  - ☒ 4. Q

Question ID : **75189713909**

Option 1 ID : **75189755633**

Option 2 ID : **75189755636**

Option 3 ID : **75189755634**

Option 4 ID : **75189755635**

Status : **Answered**

Chosen Option : **2**

**Q.16** Which of the following elements has three valence electrons?

- Ans**
- ☒ 1. Ca
  - ☒ 2. N
  - ☒ 3. Mg
  - ☒ 4. Al

Question ID : **75189713955**

Option 1 ID : **75189755820**

Option 2 ID : **75189755819**

Option 3 ID : **75189755818**

Option 4 ID : **75189755817**

Status : **Answered**

Chosen Option : **4**

**Q.17** The first language which was given the status of a classical language in India is:

- Ans**
- ☒ 1. Hindi
  - ☒ 2. Telugu
  - ☒ 3. Tamil
  - ☒ 4. Kannada

Question ID : **75189715415**

Option 1 ID : **75189761660**

Option 2 ID : **75189761657**

Option 3 ID : **75189761659**

Option 4 ID : **75189761658**

Status : **Answered**

Chosen Option : **2**

**Q.18** In July 2022, the Ministry of Women and Child Development implemented a scheme called \_\_\_\_\_ – formerly known as Child Protection Services (CPS) Scheme since 2009-10 – for the welfare and rehabilitation of children.

- Ans**
- ✓ 1. Mission Vatsalya
  - ✗ 2. Mission Mamta
  - ✗ 3. Mission Bachpan
  - ✗ 4. Mission Matritv

Question ID : **75189715060**  
Option 1 ID : **75189760239**  
Option 2 ID : **75189760238**  
Option 3 ID : **75189760237**  
Option 4 ID : **75189760240**  
Status : **Answered**  
Chosen Option : **3**

**Q.19** Who was the main proponent of the Young Bengal Movement whose followers cherished the ideals of the French Revolution (1789 AD) and the liberal thinking of Britain?

- Ans**
- ✗ 1. Swami Vivekananda
  - ✗ 2. Ishwar Chandra Vidyasagar
  - ✗ 3. Annie Beasant
  - ✓ 4. Henry Louis Vivian Derozio

Question ID : **75189712359**  
Option 1 ID : **75189749435**  
Option 2 ID : **75189749436**  
Option 3 ID : **75189749434**  
Option 4 ID : **75189749433**  
Status : **Answered**  
Chosen Option : **4**

**Q.20** 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:

1. All sandals are shoes.
2. Some heels are boots.
3. Some sandals are boots.

Conclusions:

I-Some heels are sandals.

II-Some boots are shoes.

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

Question ID : 75189714189

Option 1 ID : 75189756756

Option 2 ID : 75189756754

Option 3 ID : 75189756753

Option 4 ID : 75189756755

Status : Answered

Chosen Option : 2

**Q.21** How many double bonds are present in propanone?

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

Question ID : 75189714744

Option 1 ID : 75189758974

Option 2 ID : 75189758973

Option 3 ID : 75189758976

Option 4 ID : 75189758975

Status : Answered

Chosen Option : 2

**Q.22** Macroeconomics can be defined as:

**Ans** ☒ 1.

a study of individuals, households and firms' behaviour in decision making and allocation of resources

☒ 2.

a branch of economics that studies the individuals mode of investments

☒ 3.

a branch of economics that studies the methods of profits

☒ 4.

a branch of economics that studies the behaviour and performance of an economy as a whole

Question ID : **75189715427**

Option 1 ID : **75189761707**

Option 2 ID : **75189761705**

Option 3 ID : **75189761706**

Option 4 ID : **75189761708**

Status : **Answered**

Chosen Option : **4**

**Q.23** In a plant cell, the act of respiration to take in oxygen and release energy and carbon dioxide from food occurs in the \_\_\_\_\_.

**Ans** ☒ 1. vacuoles

☒ 2.

mitochondria

☒ 3.

chloroplasts and mitochondria

☒ 4.

peroxisomes

Question ID : **75189712247**

Option 1 ID : **75189748986**

Option 2 ID : **75189748987**

Option 3 ID : **75189748988**

Option 4 ID : **75189748985**

Status : **Answered**

Chosen Option : **3**

**Q.24** P, Q, R, S, T and U 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 is numbered 6. Only two people live between P and S. S lives immediately below T. P lives on an even-numbered floor but not on floor number 2. R lives on the topmost floor. Q lives immediately below R. Who lives on floor number 3?

**Ans** ☒ 1. T

☒ 2.

Q

☒ 3.

P

☒ 4.

U

Question ID : **75189713527**

Option 1 ID : **75189754108**

Option 2 ID : **75189754107**

Option 3 ID : **75189754105**

Option 4 ID : **75189754106**

Status : **Answered**

Chosen Option : **4**

Q.25 Select the correct statement.

Ans ☒ 1. Dhupgarh is the highest peak of the Satpura Range.

☒ 2.

Mahendragiri mountain is the highest peak of the Satpura Range.

☒ 3.

Panchachuli peak is the highest peak in the Indian Himalayas.

☒ 4. Dhupgarh is the highest peak of the Eastern Ghat.

Question ID : 75189715456

Option 1 ID : 75189761822

Option 2 ID : 75189761823

Option 3 ID : 75189761824

Option 4 ID : 75189761821

Status : Answered

Chosen Option : 1

Q.26 Which method of contraception can prevent the transmission of HIV?

Ans ☒ 1. Barrier methods only

☒ 2. Copper T and condoms

☒ 3. Copper T

☒ 4. Oral contraceptives

Question ID : 75189710113

Option 1 ID : 75189740452

Option 2 ID : 75189740451

Option 3 ID : 75189740450

Option 4 ID : 75189740449

Status : Answered

Chosen Option : 2

Q.27 The ages of K and M are in the ratio of 7 : 5 and the sum of their ages is 72 years. What will be the ratio of the ages of K and M, in the mentioned order, after 9 years?

Ans ☒ 1. 12 : 9

☒ 2. 9 : 8

☒ 3. 17 : 13

☒ 4. 13 : 11

Question ID : 75189714396

Option 1 ID : 75189757583

Option 2 ID : 75189757581

Option 3 ID : 75189757584

Option 4 ID : 75189757582

Status : Answered

Chosen Option : 3

Q.28 If  $u - v = 4$  and  $uv = 20$ , then the value of  $u^3 - v^3$  is:

- Ans
- ☒ 1. 64
  - ☒ 2. 176
  - ☒ 3. 224
  - ☒ 4. 304

Question ID : 75189714374

Option 1 ID : 75189757493

Option 2 ID : 75189757496

Option 3 ID : 75189757494

Option 4 ID : 75189757495

Status : Answered

Chosen Option : 4

Q.29 In a certain code language, 'TEMPLE' is written as 'QHJSIH' and 'MOSQUE' is written as 'JRPTRH'. How will 'SUPREME' be written in the same code language?

- Ans
- ☒ 1. PXMUBPB
  - ☒ 2. PRMOBJB
  - ☒ 3. PRMOBJH
  - ☒ 4. PRMUBPB

Question ID : 75189713623

Option 1 ID : 75189754491

Option 2 ID : 75189754489

Option 3 ID : 75189754492

Option 4 ID : 75189754490

Status : Answered

Chosen Option : 1

Q.30 A and B together can complete a piece of work in 5 days. They started working together but after 3 days, B left. If the work is completed after 3 more days, B alone could do the entire work in:

- Ans
- ☒ 1. 7.5 days
  - ☒ 2. 15 days
  - ☒ 3. 6.5 days
  - ☒ 4. 13 days

Question ID : 75189713431

Option 1 ID : 75189753724

Option 2 ID : 75189753722

Option 3 ID : 75189753721

Option 4 ID : 75189753723

Status : Answered

Chosen Option : 1

**Q.31** A and B have undertaken to do a piece of work for ₹800. A alone can do it in 6 days, while B alone can do it in 8 days. With the help of C, they can finish it in 3 days. What is the share (in ₹) of A in the total amount received for completing the work?

- Ans**
- ☐ 1. 450
  - ☐ 2. 350
  - ☒ 3. 400
  - ☐ 4. 300

Question ID : **75189713433**

Option 1 ID : **75189753729**

Option 2 ID : **75189753730**

Option 3 ID : **75189753731**

Option 4 ID : **75189753732**

Status : **Answered**

Chosen Option : **3**

**Q.32** Our body works within the pH range of:

- Ans**
- ☐ 1. 8 to 8.7
  - ☒ 2. 7 to 7.8
  - ☐ 3. 7.8 to 8.0
  - ☐ 4. 6 to 7

Question ID : **75189714682**

Option 1 ID : **75189758728**

Option 2 ID : **75189758725**

Option 3 ID : **75189758726**

Option 4 ID : **75189758727**

Status : **Answered**

Chosen Option : **4**

**Q.33** Which of the following states is NOT located in the Indian Himalayan region?

- Ans**
- ☐ 1. Mizoram
  - ☐ 2. Sikkim
  - ☐ 3. Uttarakhand
  - ☒ 4. Bihar

Question ID : **75189715450**

Option 1 ID : **75189761799**

Option 2 ID : **75189761798**

Option 3 ID : **75189761797**

Option 4 ID : **75189761800**

Status : **Answered**

Chosen Option : **1**

**Q.34** The average temperature on Monday, Tuesday and Wednesday was  $32^{\circ}\text{C}$ , and the average temperature on Sunday, Monday and Tuesday was  $36^{\circ}\text{C}$ . If the temperature on Sunday was  $39^{\circ}\text{C}$ , then find the temperature on Wednesday.

- Ans
- ☒ 1.  $28^{\circ}\text{C}$
  - ☒ 2.  $27^{\circ}\text{C}$
  - ☒ 3.  $26^{\circ}\text{C}$
  - ☒ 4.  $34^{\circ}\text{C}$

Question ID : 75189713339

Option 1 ID : 75189753356

Option 2 ID : 75189753354

Option 3 ID : 75189753355

Option 4 ID : 75189753353

Status : Answered

Chosen Option : 2

**Q.35** Which of the following compounds of carbon does NOT exist?

- Ans
- ☒ 1.  $\text{CH}_4$
  - ☒ 2.  $\text{C}_2\text{H}_6$
  - ☒ 3.  $\text{CH}_6$
  - ☒ 4.  $\text{C}_6\text{H}_6$

Question ID : 75189715079

Option 1 ID : 75189760314

Option 2 ID : 75189760315

Option 3 ID : 75189760313

Option 4 ID : 75189760316

Status : Answered

Chosen Option : 3

**Q.36** 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.

8 : 65 :: 12 : 145 :: 13 : ?

- Ans
- ☒ 1. 169
  - ☒ 2. 170
  - ☒ 3. 133
  - ☒ 4. 171

Question ID : 75189715392

Option 1 ID : 75189761565

Option 2 ID : 75189761566

Option 3 ID : 75189761568

Option 4 ID : 75189761567

Status : Answered

Chosen Option : 2

Q.37 Which of the following statements is true?

- Ans
- ☒ 1. 1 is a prime number.
  - ☒ 2. All prime numbers except the number 2 are odd numbers.
  - ☒ 3. There are seven prime numbers between 1 and 20.
  - ☒ 4. If number  $x$  is prime, then number  $x+1$  is always prime.

Question ID : 75189713272

Option 1 ID : 75189753085

Option 2 ID : 75189753086

Option 3 ID : 75189753087

Option 4 ID : 75189753088

Status : Answered

Chosen Option : 2

Q.38 A football player got fractured while playing football. He went to the hospital. The doctor took 'X' substance and mixed it with water for supporting the fractured bones in the right position.

What is the name of substance 'X'?

- Ans
- ☒ 1. Gypsum
  - ☒ 2. Calcium sulphate
  - ☒ 3. Plaster of Paris
  - ☒ 4. Sodium hydroxide

Question ID : 75189714790

Option 1 ID : 75189759157

Option 2 ID : 75189759159

Option 3 ID : 75189759158

Option 4 ID : 75189759160

Status : Answered

Chosen Option : 3

Q.39 Kamal has two children, Vishnu and Deeksha. At present, Kamal is 3 times as old as Vishnu. Deeksha is 3 years younger than Vishnu. 3 years ago, the sum of the then ages of all three of them was 63 years. Find the present age (in years) of Kamal.

- Ans
- ☒ 1. 54
  - ☒ 2. 45
  - ☒ 3. 46
  - ☒ 4. 20

Question ID : 75189713373

Option 1 ID : 75189753490

Option 2 ID : 75189753492

Option 3 ID : 75189753491

Option 4 ID : 75189753489

Status : Answered

Chosen Option : 2

**Q.40** Find the value of  $7 \times 8 + 11 - (17 - 5)$ .

- Ans**
- ☐ 1. 45
  - ☐ 2. 57
  - ☒ 3. 55
  - ☐ 4. 47

Question ID : **75189712890**

Option 1 ID : **75189751558**

Option 2 ID : **75189751559**

Option 3 ID : **75189751557**

Option 4 ID : **75189751560**

Status : **Answered**

Chosen Option : **3**

**Q.41** Which of the following is/are the correct conclusion(s) from Oersted's experiment?

- (a) A magnetic compass needle placed along the side of a current carrying conductor deflects
- (b) A current carrying conductor will produce magnetic field around it.
- (c) The direction of deflection of the compass needle placed along the side of a current carrying conductor does not change with reversal in the direction of current.

- Ans**
- ☒ 1. Only (a) and (b) are correct
  - ☐ 2. Only (c) and (a) are correct
  - ☐ 3. Only (b) and (c) are correct
  - ☐ 4. (a), (b) and (c) are correct

Question ID : **75189714109**

Option 1 ID : **75189756433**

Option 2 ID : **75189756435**

Option 3 ID : **75189756434**

Option 4 ID : **75189756436**

Status : **Answered**

Chosen Option : **1**

**Q.42** An electric lamp of  $40\ \Omega$ , a toaster of resistance  $200\ \Omega$  and a water filter of resistance  $400\ \Omega$  are connected in parallel to a  $220\text{ V}$  source. Suppose an electric iron when connected to a  $220\text{ V}$  source draws the same current as that of the three appliances in the above, then the resistance and current flowing through the iron are:

- Ans**
- ☒ 1.  $40.77\ \Omega$  and  $5.15\text{ A}$ , respectively
  - ☒ 2.  $30.77\ \Omega$  and  $7.15\text{ A}$ , respectively
  - ☒ 3.  $50.77\ \Omega$  and  $4.15\text{ A}$ , respectively
  - ☒ 4.  $20.77\ \Omega$  and  $9.15\text{ A}$ , respectively

Question ID : **75189715312**

Option 1 ID : **75189761247**

Option 2 ID : **75189761245**

Option 3 ID : **75189761248**

Option 4 ID : **75189761246**

Status : **Answered**

Chosen Option : **2**

**Q.43** The product of two consecutive odd numbers is 1155. Represent the situation in the form of a quadratic equation, if  $x$  is smaller of the two numbers.

- Ans**
- ☒ 1.  $x^2 - 2x - 1155 = 0$
  - ☒ 2.  $x^2 + 2x + 1155 = 0$
  - ☒ 3.  $x^2 + x + 1155 = 0$
  - ☒ 4.  $x^2 + 2x - 1155 = 0$

Question ID : **75189713378**

Option 1 ID : **75189753509**

Option 2 ID : **75189753510**

Option 3 ID : **75189753512**

Option 4 ID : **75189753511**

Status : **Answered**

Chosen Option : **4**

**Q.44** Consider the given statement and decide which of the given assumptions is/are implicit in the statement.

Statement:

A new holiday-special train has been introduced from Chennai to Patna to cater to the increased demand from passengers during the festival season. This will run on all Wednesdays in the months of September and October.

Assumptions:

I. More people are expected to travel from Chennai to Patna in September and October.

II. The existing trains from Chennai to Patna have been cancelled.

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

Question ID : 75189715335

Option 1 ID : 75189761340

Option 2 ID : 75189761338

Option 3 ID : 75189761339

Option 4 ID : 75189761337

Status : Answered

Chosen Option : 4

**Q.45** If  $\cot\theta - \operatorname{cosec}\theta = -\frac{1}{3}$ , find  $\frac{(1+\cos\theta)}{\sin\theta}$ .

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

Question ID : 75189713475

Option 1 ID : 75189753900

Option 2 ID : 75189753897

Option 3 ID : 75189753898

Option 4 ID : 75189753899

Status : Answered

Chosen Option : 4

**Q.46** Let  $n$  be the least number which when divided by 15, 18, 20 and 27, the remainder in each case is 3 and  $n$  is divisible by 53. What is the sum of the digits of  $n$ ?

- Ans**
- ☒ 1. 10
  - ☒ 2. 12
  - ☒ 3. 9
  - ☒ 4. 13

Question ID : 75189712617

Option 1 ID : 75189750466

Option 2 ID : 75189750467

Option 3 ID : 75189750465

Option 4 ID : 75189750468

Status : Answered

Chosen Option : 2

**Q.47** Which of the following statements is true?

**Ans** ☒ 1.

The resistance of a material is directly proportional to its length.

☒ 2.

The resistance of a material is directly proportional to the area of cross section.

☒ 3.

The resistance of a material is directly proportional to the radius of the wire.

☒ 4.

The resistance of a material is inversely proportional to the length of the wire.

Question ID : 75189713801

Option 1 ID : 75189755201

Option 2 ID : 75189755202

Option 3 ID : 75189755203

Option 4 ID : 75189755204

Status : Answered

Chosen Option : 1

**Q.48** In which year was the National Policy on Electronics and Software Products enacted, with the goal of propelling India's rise as a Software Product Nation and collaborating with the IT/ITES sector?

- Ans**
- ☒ 1. 2022
  - ☒ 2. 2019
  - ☒ 3. 2020
  - ☒ 4. 2021

Question ID : 75189714030

Option 1 ID : 75189756120

Option 2 ID : 75189756117

Option 3 ID : 75189756118

Option 4 ID : 75189756119

Status : Not Answered

Chosen Option : --

**Q.49** Study the given arrangement of letters and answer the question that follows:

(LEFT) N C A H L M W U V G L I Q S P O Z (RIGHT)

How many consonants are there in this arrangement which are immediately preceded by a vowel?

- Ans
- ☒ 1. Six
  - ☒ 2. Two
  - ☒ 3. Five
  - ☒ 4. Four

Question ID : 75189714221

Option 1 ID : 75189756882

Option 2 ID : 75189756883

Option 3 ID : 75189756884

Option 4 ID : 75189756881

Status : Answered

Chosen Option : 4

**Q.50** The coal that we use now comes from plants that lived around \_\_\_\_\_ years ago

- Ans
- ☒ 1. 1,000
  - ☒ 2. 10,000,000
  - ☒ 3. 10,000
  - ☒ 4. 100,000

Question ID : 75189712322

Option 1 ID : 75189749285

Option 2 ID : 75189749288

Option 3 ID : 75189749286

Option 4 ID : 75189749287

Status : Answered

Chosen Option : 1

**Q.51** Suppose a magic mirror is placed in front of a boy. As a result, the boy observes that the image of his head is of the same size, the middle portion of his body is smaller and that of his legs is bigger. Hence, from top to bottom, the magic mirror displays which of the following images?

- Ans
- ☒ 1. Plane, convex and concave
  - ☒ 2. Convex, concave and plane
  - ☒ 3. Plane, concave and convex
  - ☒ 4. Concave, plane and convex

Question ID : 75189712182

Option 1 ID : 75189748726

Option 2 ID : 75189748728

Option 3 ID : 75189748725

Option 4 ID : 75189748727

Status : Answered

Chosen Option : 3

**Q.52** Which of the following numbers will replace the question mark (?) in the given series?

6, 9, 12, 16, 20, 25, ?

**Ans** ☒ 1. 31

☒ 2. 29

☒ 3. 35

☒ 4. 30

Question ID : **75189713125**

Option 1 ID : **75189752499**

Option 2 ID : **75189752500**

Option 3 ID : **75189752498**

Option 4 ID : **75189752497**

Status : **Answered**

Chosen Option : **4**

**Q.53** If numbers 8452, 6327, 7524, 4598 and 5691 are arranged in descending order from left to right, then what will the product of third digit of the second number from the right end and second digit of the third number from the left end?  
(Example- 697 – First digit from left = 6, second digit from left = 9 and third digit from left = 7)

**Ans** ☒ 1. 27

☒ 2. 48

☒ 3. 26

☒ 4. 54

Question ID : **7518979045**

Option 1 ID : **75189736179**

Option 2 ID : **75189736178**

Option 3 ID : **75189736180**

Option 4 ID : **75189736177**

Status : **Answered**

Chosen Option : **1**

**Q.54** If at 8:45 am, the minute hand of a clock is pointing towards the north, then in which direction will it point at 9:00 pm?

**Ans** ☒ 1. South

☒ 2. West

☒ 3. North

☒ 4. East

Question ID : **75189713630**

Option 1 ID : **75189754518**

Option 2 ID : **75189754520**

Option 3 ID : **75189754517**

Option 4 ID : **75189754519**

Status : **Answered**

Chosen Option : **4**

**Q.55** Goods are sold such that when 5% discount is allowed, a profit of 33% is made. By what percentage is the list price more than the cost price?

- Ans
- ☒ 1. 25%
  - ☒ 2. 30%
  - ☒ 3. 35%
  - ☒ 4. 40%

Question ID : 75189713428

Option 1 ID : 75189753712

Option 2 ID : 75189753710

Option 3 ID : 75189753711

Option 4 ID : 75189753709

Status : Answered

Chosen Option : 4

**Q.56** Newlands arranged the then known elements in the order of \_\_\_\_\_.

- Ans
- ☒ 1. decreasing atomic radius
  - ☒ 2. decreasing atomic masses
  - ☒ 3. increasing atomic radius
  - ☒ 4. increasing atomic masses

Question ID : 75189714692

Option 1 ID : 75189758768

Option 2 ID : 75189758766

Option 3 ID : 75189758767

Option 4 ID : 75189758765

Status : Marked For Review

Chosen Option : 3

**Q.57** A, B, C, D, E and F live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on till the topmost floor is numbered 6.

Only one person lives above E. D lives in an odd numbered floor. Only one person lives between E and C. C lives immediately above F. B does not live below A. Who lives on floor number 1 ?

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

Question ID : 75189713156

Option 1 ID : 75189752622

Option 2 ID : 75189752624

Option 3 ID : 75189752623

Option 4 ID : 75189752621

Status : Answered

Chosen Option : 1

**Q.58** A 12 V battery is connected across a resistor of resistance  $R$ . If a current of 2.4 mA flows through the circuit, then the value of  $R$  is \_\_\_\_\_ ohm.

- Ans**
- ☒ 1. 5000 milli
  - ☒ 2.  $2 \times 10^{-4}$  milli
  - ☒ 3.  $2 \times 10^{-4}$
  - ☒ 4. 5000

Question ID : 75189713784

Option 1 ID : 75189755136

Option 2 ID : 75189755134

Option 3 ID : 75189755133

Option 4 ID : 75189755135

Status : Answered

Chosen Option : 4

**Q.59** The quantity of a commodity that a consumer is willing to buy and is able to afford, given prices of goods and consumers' tastes and preferences is called \_\_\_\_\_ for the commodity.

- Ans**
- ☒ 1. demand
  - ☒ 2. utility
  - ☒ 3. value
  - ☒ 4. supply

Question ID : 75189712462

Option 1 ID : 75189749848

Option 2 ID : 75189749845

Option 3 ID : 75189749847

Option 4 ID : 75189749846

Status : Answered

Chosen Option : 1

**Q.60** Select the option that is related to the third term in the same way as the second term is related to the first term and the sixth term is related to the fifth term.

77 : 28 :: 89 : ? :: 134 : 47

- Ans**
- ☒ 1. 31
  - ☒ 2. 35
  - ☒ 3. 32
  - ☒ 4. 34

Question ID : 75189713706

Option 1 ID : 75189754823

Option 2 ID : 75189754824

Option 3 ID : 75189754821

Option 4 ID : 75189754822

Status : Not Attempted and Marked For Review

Chosen Option : --

Q.61 What was the main focus of the First Five-Year Plan?

- Ans
- ☐ 1. Development of the service sector
  - ☐ 2. The establishment of higher education institution
  - ☒ 3. The agricultural development of the country
  - ☐ 4. Development of defence equipment

Question ID : 75189715444

Option 1 ID : 75189761774

Option 2 ID : 75189761773

Option 3 ID : 75189761776

Option 4 ID : 75189761775

Status : Answered

Chosen Option : 3

Q.62 Two numbers, whose LCM is 416 and HCF is 2, are in the ratio 13 : 16. Find the greater of these two numbers.

- Ans
- ☒ 1. 32
  - ☐ 2. 26
  - ☐ 3. 34
  - ☐ 4. 42

Question ID : 75189713283

Option 1 ID : 75189753129

Option 2 ID : 75189753131

Option 3 ID : 75189753132

Option 4 ID : 75189753130

Status : Answered

Chosen Option : 1

Q.63 The discriminant of the quadratic equation  $bx^2 + cx + a = 0$ ;  $b \neq 0$ , is given by the expression:

- Ans
- ☐ 1.  $b^2 - 4ac$
  - ☐ 2.  $a^2 - 4ab$
  - ☐ 3.  $b^2 + 4ac$
  - ☒ 4.  $c^2 - 4ab$

Question ID : 75189713385

Option 1 ID : 75189753537

Option 2 ID : 75189753539

Option 3 ID : 75189753538

Option 4 ID : 75189753540

Status : Answered

Chosen Option : 4

**Q.64** Five friends live on five different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on till the topmost floor is numbered 5. Sanjay lives on the floor immediately above Namrata. Anshika lives on the third floor. Heena lives on the lowermost floor. Namrata lives on the floor immediately above Anshika. Manvir lives on the floor immediately above Heena. Who lives on the topmost floor?

- Ans**
- ☒ 1. Heena
  - ☒ 2. Manvir
  - ☒ 3. Sanjay
  - ☒ 4. Namrata

Question ID : 75189714177

Option 1 ID : 75189756705

Option 2 ID : 75189756706

Option 3 ID : 75189756708

Option 4 ID : 75189756707

Status : Answered

Chosen Option : 3

**Q.65** If the volume of a sphere is  $\frac{792}{7} \text{ cm}^3$ , then find the radius of the sphere.

(Use  $\pi = \frac{22}{7}$  for calculation)

- Ans**
- ☒ 1. 3.5 cm
  - ☒ 2. 3 cm
  - ☒ 3. 2.5 cm
  - ☒ 4. 2 cm

Question ID : 75189713397

Option 1 ID : 75189753588

Option 2 ID : 75189753585

Option 3 ID : 75189753587

Option 4 ID : 75189753586

Status : Answered

Chosen Option : 2

**Q.66** Which of the following options is the closest approximate value which will come in place of the question mark (?) in the following equation?

$$15.32 \div 4.37 + 2.11 \times 14.47 = ?$$

- Ans**
- ☒ 1. 61
  - ☒ 2. 16
  - ☒ 3. 32
  - ☒ 4. 50

Question ID : 75189713238

Option 1 ID : 75189752951

Option 2 ID : 75189752950

Option 3 ID : 75189752952

Option 4 ID : 75189752949

Status : Answered

Chosen Option : 3

Q.67 Identify the non-biodegradable substance that is generated in a kitchen.

- Ans
- ☐ 1. Tea leaves
  - ☐ 2. Paper bag
  - ☐ 3. Vegetable peel
  - ☒ 4. Milk bag

Question ID : 75189710279

Option 1 ID : 75189741116

Option 2 ID : 75189741113

Option 3 ID : 75189741115

Option 4 ID : 75189741114

Status : Answered

Chosen Option : 4

Q.68 If  $x = 2$ , then the value of  $(-x)^2 \times (-x)^3$  is:

- Ans
- ☐ 1.  $(-2)^1$
  - ☐ 2.  $(-2)^6$
  - ☒ 3.  $-32$
  - ☐ 4.  $32$

Question ID : 75189713251

Option 1 ID : 75189753003

Option 2 ID : 75189753004

Option 3 ID : 75189753001

Option 4 ID : 75189753002

Status : Answered

Chosen Option : 3

Q.69 In a certain code language, 'ISSUE' is coded as 'NPXRJ' and 'PAINT' is coded as 'UXNKY'. How will 'MEDIA' be coded in that language?

- Ans
- ☐ 1. PBGFD
  - ☐ 2. RZIDF
  - ☐ 3. PZGDD
  - ☒ 4. RBIFF

Question ID : 75189714237

Option 1 ID : 75189756946

Option 2 ID : 75189756948

Option 3 ID : 75189756945

Option 4 ID : 75189756947

Status : Answered

Chosen Option : 4

**Q.70** The first Finance Commission was established in:

- Ans**
- ☒ 1. 1952
  - ☒ 2. 1949
  - ☒ 3. 1950
  - ☒ 4. 1951

Question ID : **75189710602**

Option 1 ID : **75189742408**

Option 2 ID : **75189742405**

Option 3 ID : **75189742406**

Option 4 ID : **75189742407**

Status : **Marked For Review**

Chosen Option : **4**

**Q.71** Select the correct order of Panchayat Institution titles according to the given sequence of their respective designation.

Chairperson of Gram Panchayat, Chairperson of Panchayat Samiti, Chairperson of Zila Parishad

- Ans**
- ☒ 1. Pramukh, Mukhiya, Adhyaksha
  - ☒ 2. Mukhiya, Pramukh, Adhyaksha
  - ☒ 3. Mukhiya, Adhyaksha, Pramukh
  - ☒ 4. Adhyaksha, Mukhiya, Pramukh

Question ID : **75189714024**

Option 1 ID : **75189756094**

Option 2 ID : **75189756096**

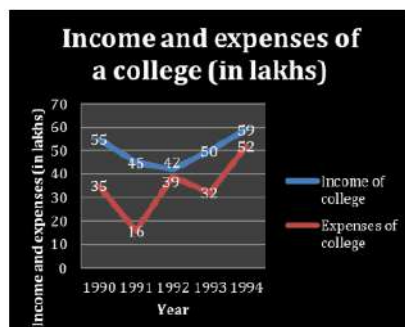
Option 3 ID : **75189756093**

Option 4 ID : **75189756095**

Status : **Answered**

Chosen Option : **2**

- Q.72** The given line graph shows the income and expenses of a college for different years. Study the graph and answer the question that follows.



What is the percentage increase in income from 1992 to 1993?

- Ans**
- ☒ 1. 23.82%
  - ☒ 2. 38.52%
  - ☒ 3. 14.03%
  - ☒ 4. 19.04%

Question ID : **75189713727**

Option 1 ID : **75189754906**

Option 2 ID : **75189754908**

Option 3 ID : **75189754907**

Option 4 ID : **75189754905**

Status : **Answered**

Chosen Option : **4**

- Q.73** If the areas of two similar triangles are in the ratio 361:529. What would be the ratio of the corresponding sides?

- Ans**
- ☒ 1. 15:23
  - ☒ 2. 19:23
  - ☒ 3. 361:529
  - ☒ 4. 23:19

Question ID : **75189712095**

Option 1 ID : **75189748380**

Option 2 ID : **75189748378**

Option 3 ID : **75189748379**

Option 4 ID : **75189748377**

Status : **Answered**

Chosen Option : **2**

**Q.74** The Ram Navami festival in India is celebrated as a Hindu festival on the \_\_\_\_\_ which marks the birth of Lord Ram.

- Ans**
- ☒ 1. ninth day of Sharad Navratri
  - ☒ 2. ninth day of Sawan month of Vikram Sambat Calendar
  - ☒ 3. ninth day of Chaitra Navratri
  - ☒ 4. ninth day of Phalguna month of Vikram Sambat Calendar

Question ID : 75189712362

Option 1 ID : 75189749446

Option 2 ID : 75189749448

Option 3 ID : 75189749445

Option 4 ID : 75189749447

Status : Answered

Chosen Option : 1

**Q.75** 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 pens are scooters.

Some crowns are hats.

All balloons are globes.

Conclusions:

(I) All scooters are pens.

(II) Some crowns are globes.

(III) Some balloons are hats.

- Ans**
- ☒ 1. Only conclusion II follows
  - ☒ 2. Only conclusion I follows
  - ☒ 3. None of the conclusions follow
  - ☒ 4. Either conclusion I or conclusion III follow

Question ID : 75189714963

Option 1 ID : 75189759850

Option 2 ID : 75189759849

Option 3 ID : 75189759852

Option 4 ID : 75189759851

Status : Answered

Chosen Option : 3

**Q.76** The perimeter of a right-angled triangle is 80 cm. If the length of its hypotenuse is 34 cm, find the lengths of its other two sides.

- Ans**
- ☒ 1. 18 cm, 28 cm
  - ☒ 2. 16 cm, 30 cm
  - ☒ 3. 20 cm, 26 cm
  - ☒ 4. 14 cm, 32 cm

Question ID : 75189713464

Option 1 ID : 75189753855

Option 2 ID : 75189753853

Option 3 ID : 75189753854

Option 4 ID : 75189753856

Status : Answered

Chosen Option : 2

**Q.77** Find the value of  $18 \div \{(7 \text{ of } 3 - 12)\} \times 9 \times (11 - 7)$ .

- Ans**
- ☒ 1. 58
  - ☒ 2. 27
  - ☒ 3. 64
  - ☒ 4. 72

Question ID : 75189712893

Option 1 ID : 75189751570

Option 2 ID : 75189751569

Option 3 ID : 75189751571

Option 4 ID : 75189751572

Status : Answered

Chosen Option : 4

**Q.78** Find the value of 'y' in the equation given below.

$$3\frac{1}{2} + 2\frac{5}{7} \times y - \frac{1}{2} \div 2 = 4\frac{1}{4}$$

- Ans**
- ☒ 1.  $\frac{7}{19}$
  - ☒ 2. 0
  - ☒ 3.  $\frac{19}{7}$
  - ☒ 4.  $\frac{7}{5}$

Question ID : 75189713248

Option 1 ID : 75189752991

Option 2 ID : 75189752990

Option 3 ID : 75189752989

Option 4 ID : 75189752992

Status : Answered

Chosen Option : 1

**Q.79** If '+' means '-', '-' means '×', '×' means '÷', '÷' means '+', what will come in place of the question mark (?) in the following equation?

$$102 \div 15 \times 5 - 7 + 10 \times 2 = ?$$

- Ans**
- ☒ 1. 119
  - ☒ 2. 117
  - ☒ 3. 118
  - ☒ 4. 116

Question ID : 75189711642

Option 1 ID : 75189746568

Option 2 ID : 75189746566

Option 3 ID : 75189746567

Option 4 ID : 75189746565

Status : Answered

Chosen Option : 3

**Q.80** Refer to the following letter, number, symbol series and answer the question.

(Left) T M % A 8 ? 4 D & S R # Y 7 Z \* E 9 = 5 C (Right)

How many such symbols are there which are immediately preceded and immediately followed by a number?

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

Question ID : 75189713044

Option 1 ID : 75189752173

Option 2 ID : 75189752174

Option 3 ID : 75189752176

Option 4 ID : 75189752175

Status : Answered

Chosen Option : 4

**Q.81** Find the volume of a sphere whose surface area is  $5544 \text{ cm}^2$ .

- Ans**
- ☒ 1.  $9261 \text{ cm}^3$
  - ☒ 2.  $38808 \text{ cm}^3$
  - ☒ 3.  $96621 \text{ cm}^3$
  - ☒ 4.  $10888 \text{ cm}^3$

Question ID : 75189712087

Option 1 ID : 75189748345

Option 2 ID : 75189748347

Option 3 ID : 75189748348

Option 4 ID : 75189748346

Status : Answered

Chosen Option : 2

**Q.82** A bank offers 7.5% compound interest per annum calculated on a half-yearly basis. A customer deposits ₹3,600 each on 1 January and 1 July of a year. At the end of the year, the amount he would have gained by way of interest is \_\_\_\_\_.  
[Give your answer correct to 2 decimal places.]

- Ans**
- ☒ 1. ₹405.06
  - ☒ 2. ₹410.06
  - ☒ 3. ₹272.25
  - ☒ 4. ₹415.06

Question ID : **75189712957**

Option 1 ID : **75189751826**

Option 2 ID : **75189751827**

Option 3 ID : **75189751825**

Option 4 ID : **75189751828**

Status : **Answered**

Chosen Option : **2**

**Q.83** In the cases of the Fundamental Rights violations, the Supreme Court of India can be directly petitioned under which of the following Articles of the Constitution of India?

- Ans**
- ☒ 1. Article 33
  - ☒ 2. Article 34
  - ☒ 3. Article 35
  - ☒ 4. Article 32

Question ID : **75189712517**

Option 1 ID : **75189750066**

Option 2 ID : **75189750067**

Option 3 ID : **75189750068**

Option 4 ID : **75189750065**

Status : **Not Answered**

Chosen Option : **--**

**Q.84** Which state has become India's first State Assembly to implement the National e-Vidhan Application (NeVA) programme to become paperless in March 2022?

- Ans**
- ☒ 1. Nagaland
  - ☒ 2. Kerala
  - ☒ 3. Maharashtra
  - ☒ 4. Madhya Pradesh

Question ID : **7518979366**

Option 1 ID : **75189737463**

Option 2 ID : **75189737464**

Option 3 ID : **75189737461**

Option 4 ID : **75189737462**

Status : **Answered**

Chosen Option : **2**

Q.85 The line joining the two foci of a lens is called \_\_\_\_\_.

- Ans
- ☒ 1. paraxial ray
  - ☒ 2. principal axis
  - ☒ 3. Focal length
  - ☒ 4. radius of curvature

Question ID : 75189713755

Option 1 ID : 75189755020

Option 2 ID : 75189755017

Option 3 ID : 75189755018

Option 4 ID : 75189755019

Status : Answered

Chosen Option : 2

Q.86 Normally, in a healthy adult, the initial filtrate in the kidneys is about \_\_\_\_\_ daily.

- Ans
- ☒ 1. 130 L
  - ☒ 2. 150 L
  - ☒ 3. 160 L
  - ☒ 4. 180 L

Question ID : 75189712577

Option 1 ID : 75189750308

Option 2 ID : 75189750306

Option 3 ID : 75189750307

Option 4 ID : 75189750305

Status : Answered

Chosen Option : 4

Q.87 Who among the following was the first to blend his knowledge of science and mathematics to keep count of individuals exhibiting a particular trait in each generation

- Ans
- ☒ 1. Gregor Johann Mendel
  - ☒ 2. Stanley L Miller
  - ☒ 3. Charles Robert Darwin
  - ☒ 4. JBS Haldane.

Question ID : 75189710242

Option 1 ID : 75189740965

Option 2 ID : 75189740968

Option 3 ID : 75189740966

Option 4 ID : 75189740967

Status : Answered

Chosen Option : 4

**Q.88** Which of the following terms will replace the question mark (?) in the given series to make it logically complete?

BGH 17, FKL 14, JOP 11, NST 8, ?

- Ans**
- ☒ 1. QVW 5
  - ☒ 2. RWX 5
  - ☒ 3. RVW 7
  - ☒ 4. SWX 9

Question ID : 75189714467

Option 1 ID : 75189757865

Option 2 ID : 75189757867

Option 3 ID : 75189757866

Option 4 ID : 75189757868

Status : Answered

Chosen Option : 2

**Q.89** 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.

GKV : IMX  
PLR : RNT

- Ans**
- ☒ 1. UKM : TPJ
  - ☒ 2. EMH : VXR
  - ☒ 3. WDZ : JAP
  - ☒ 4. JWO : LYQ

Question ID : 75189714926

Option 1 ID : 75189759701

Option 2 ID : 75189759702

Option 3 ID : 75189759704

Option 4 ID : 75189759703

Status : Answered

Chosen Option : 4

**Q.90** The gas used to prevent the oxidation of chips is:

- Ans**
- ☒ 1. oxygen
  - ☒ 2. nitrogen
  - ☒ 3. hydrogen
  - ☒ 4. argon

Question ID : 75189714679

Option 1 ID : 75189758715

Option 2 ID : 75189758713

Option 3 ID : 75189758714

Option 4 ID : 75189758716

Status : Answered

Chosen Option : 4

**Q.91** Three statements are given followed by two conclusions numbered I and II. You have to take the statements to be true, even if they seem to be at variance with commonly known facts and decide which of the conclusions logically follow(s) from the statements.

**Statements:**

Some Fairies are Angels.  
Some Fairies are Witches.  
All Witches are Brooms.

**Conclusions:**

(I) Some Brooms are Fairies.  
(II) Some Witches are Angels.

- Ans**
- ☒ 1. Both conclusions (I) and (II) follow.
  - ☒ 2. Neither conclusion (I) nor (II) follows.
  - ☒ 3. Only conclusion (I) follows.
  - ☒ 4. Only conclusion (II) follows.

Question ID : 75189714621

Option 1 ID : 75189758483

Option 2 ID : 75189758484

Option 3 ID : 75189758481

Option 4 ID : 75189758482

Status : Answered

Chosen Option : 3

**Q.92** How many such pairs of letters are there in the word HORIZON (in both forward and backward directions) which have as many letters between them as there are in the English alphabetical order?

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

Question ID : 75189710833

Option 1 ID : 75189743332

Option 2 ID : 75189743329

Option 3 ID : 75189743331

Option 4 ID : 75189743330

Status : Answered

Chosen Option : 2

**Q.93** The circumference of magnetic field lines \_\_\_\_\_ as we move away from a current carrying a straight conductor.

- Ans**
- ☒ 1. Decreases
  - ☒ 2. increases
  - ☒ 3. remains the same
  - ☒ 4. become zero

Question ID : 75189713868

Option 1 ID : 75189755470

Option 2 ID : 75189755469

Option 3 ID : 75189755472

Option 4 ID : 75189755471

Status : Answered

Chosen Option : 2

**Q.94** A, B, C, D, E, F, G and H are sitting around a square table facing the centre of the table. Some of them are sitting at the corners while some are sitting at the exact centre of the sides. A sits in the middle of one of the sides. B sits third to the right of A. Only three people sit between B and H. C sits second to the left of H. D sits to the immediate right of G. E is not an immediate neighbour of B.  
Who sits second to the left of F?

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

Question ID : **75189715213**

Option 1 ID : **75189760851**

Option 2 ID : **75189760849**

Option 3 ID : **75189760850**

Option 4 ID : **75189760852**

Status : **Answered**

Chosen Option : **3**

**Q.95** Which of the following is the largest mangrove forest in the world?

- Ans**
- ☐ 1. Godavari Krishna mangroves
  - ☐ 2. Bhitarkanika mangroves
  - ☒ 3. The Sundarbans reserve forest
  - ☐ 4. Pichavaram mangrove forest

Question ID : **75189715468**

Option 1 ID : **75189761872**

Option 2 ID : **75189761871**

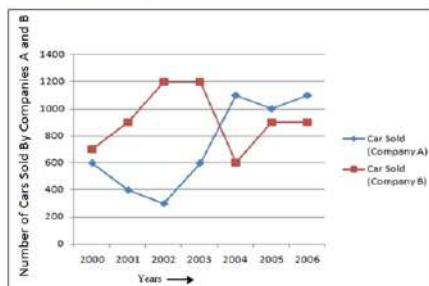
Option 3 ID : **75189761870**

Option 4 ID : **75189761869**

Status : **Answered**

Chosen Option : **3**

**Q.96** The following graph shows the number of cars sold by two companies A and B over the years. Study the graph and answer the question that follows.



During the year 2003-2004, the sales of cars of Company B declined drastically. Calculate the decrease in the number of cars sold by Company B in year 2004 as compared to the previous year.

- Ans**
- ☒ 1. 500
  - ☒ 2. 700
  - ☒ 3. 600
  - ☒ 4. 400

Question ID : **75189711651**  
 Option 1 ID : **75189746602**  
 Option 2 ID : **75189746604**  
 Option 3 ID : **75189746603**  
 Option 4 ID : **75189746601**

Status : **Answered**

Chosen Option : **3**

**Q.97** Sunny starts from Point A and drives 17 km towards the east. He then takes a right turn, drives 12 km, turns right and drives 8 km. He then takes a right turn and drives 7 km. He takes a final left turn, drives 9 km and stops at Point B. How far and towards which direction should he drive in order to reach Point A from Point B? (All turns are 90 degree turns only)

- Ans**
- ☒ 1. 5 km towards the south
  - ☒ 2. 3 km towards the north
  - ☒ 3. 7 km towards the south
  - ☒ 4. 5 km towards the north

Question ID : **75189715367**  
 Option 1 ID : **75189761467**  
 Option 2 ID : **75189761466**  
 Option 3 ID : **75189761468**  
 Option 4 ID : **75189761465**

Status : **Answered**

Chosen Option : **4**

**Q.98** Suppose a doctor has prescribed a corrective lens of power +2.5 D. The focal length of the lens is:

- Ans
- ☒ 1. -40 cm
  - ☒ 2. +30 cm
  - ☒ 3. -30 cm
  - ☒ 4. +40 cm

Question ID : 75189711289

Option 1 ID : 75189745156

Option 2 ID : 75189745153

Option 3 ID : 75189745154

Option 4 ID : 75189745155

Status : Answered

Chosen Option : 4

**Q.99** Which company developed CoviSelf, a self-testing kit for the COVID-19 infection?

- Ans
- ☒ 1. Cipla
  - ☒ 2. Mylab
  - ☒ 3. Johnson & Johnson
  - ☒ 4. SII

Question ID : 75189714032

Option 1 ID : 75189756128

Option 2 ID : 75189756127

Option 3 ID : 75189756126

Option 4 ID : 75189756125

Status : Answered

Chosen Option : 3

**Q.100** The least value of x so that the number  $478265475x + 25481459x$  is divisible by 8, is given by:

- Ans
- ☒ 1.  $x = 1$
  - ☒ 2.  $x = 4$
  - ☒ 3.  $x = 2$
  - ☒ 4.  $x = 3$

Question ID : 75189713270

Option 1 ID : 75189753077

Option 2 ID : 75189753079

Option 3 ID : 75189753080

Option 4 ID : 75189753078

Status : Answered

Chosen Option : 3