



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 | Mahalaxmi Infotech |
| Test Date        | 07/10/2022         |
| 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** A statement is given followed by two possible conclusions numbered I and II. You have to assume everything in the statement to be true and on the basis of it, decide which of the conclusions logically follow(s).

**Statement:**

Playing with mud and butterflies in a garden is more beneficial for small children than watching academic videos on computers or mobile phones.

**Conclusions:**

I. Mobile phones and computers are harmful for small children.

II. Real experiences are more beneficial than virtual experiences for children's development.

**Ans**

- ✓ 1. Only conclusion II follows  
✗ 2. Neither conclusion follows  
✗ 3. Both the conclusions follow  
✗ 4. Only conclusion I follows

Question ID : 75189714555

Option 1 ID : 75189758218

Option 2 ID : 75189758220

Option 3 ID : 75189758219

Option 4 ID : 75189758217

Status : Answered

Chosen Option : 1

**Q.2** The ratio of currents flowing through two electric circuits is 1: 4. If the ratio of resistances is 2: 1, what is the ratio of their powers?

- Ans
- ☒ 1. 8: 1
  - ☒ 2. 1: 32
  - ☒ 3. 1: 8
  - ☒ 4. 32: 1

Question ID : 75189713848

Option 1 ID : 75189755389

Option 2 ID : 75189755390

Option 3 ID : 75189755391

Option 4 ID : 75189755392

Status : Answered

Chosen Option : 3

**Q.3**  $\sec \theta + \tan \theta = p$ , then find  $4\sec \theta$ .

- Ans
- ☒ 1.  $\frac{2(1-p^2)}{p}$
  - ☒ 2.  $\frac{2(1+p^2)}{p}$
  - ☒ 3.  $\frac{(1+p^2)}{2p}$
  - ☒ 4.  $\frac{(1+p^2)}{p}$

Question ID : 75189713474

Option 1 ID : 75189753896

Option 2 ID : 75189753894

Option 3 ID : 75189753895

Option 4 ID : 75189753893

Status : Answered

Chosen Option : 2

**Q.4** Factorise:  $y^3 - xy^2 - x^2y + x^3$

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

Question ID : 75189714373

Option 1 ID : 75189757490

Option 2 ID : 75189757489

Option 3 ID : 75189757491

Option 4 ID : 75189757492

Status : Not Attempted and  
Marked For Review

Chosen Option : --

**Q.5** In a certain code language, 'PROOF' is written as 'OPLKA' and 'BONES' is written as 'AMKAN'. How will 'MINKS' be written in that language?

- Ans**
- ☒ 1. LKHGO
  - ☒ 2. LHKHO
  - ☒ 3. LGKGN
  - ☒ 4. LKGKN

Question ID : 75189714475

Option 1 ID : 75189757900

Option 2 ID : 75189757899

Option 3 ID : 75189757897

Option 4 ID : 75189757898

Status : Answered

Chosen Option : 3

**Q.6** 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.

57 : 39 :: 82 : ? :: 89 : 71

- Ans**
- ☒ 1. 67
  - ☒ 2. 64
  - ☒ 3. 62
  - ☒ 4. 66

Question ID : 75189713695

Option 1 ID : 75189754780

Option 2 ID : 75189754777

Option 3 ID : 75189754779

Option 4 ID : 75189754778

Status : Answered

Chosen Option : 2

**Q.7** Seven friends are sitting in a row on a bench facing the north direction. Only Dan is between Leo and Ben. Leo is sitting at the extreme left end of the bench. Harry is third from the right end. Only Peter is sitting between Tim and Harry. Flint is sitting in the exact middle of the row. Who is sitting to the immediate left of Flint?

- Ans**
- ☒ 1. Ben
  - ☒ 2. Harry
  - ☒ 3. Dan
  - ☒ 4. Peter

Question ID : 75189714168

Option 1 ID : 75189756671

Option 2 ID : 75189756669

Option 3 ID : 75189756670

Option 4 ID : 75189756672

Status : Answered

Chosen Option : 1

**Q.8** Vimal starts from Point A and drives 6 km towards North. He then takes a right turn, drives 7 km, turns right and drives 19 km. He then takes a right turn and drives 7 km. He then takes a right turn and drives 8 km, turns right, drives 13 km. He then turns left, drives 5 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. 6 km towards East
  - ☒ 2. 13 km towards West
  - ☒ 3. 8 km towards South
  - ☒ 4. 9 km towards South

Question ID : 75189713168

Option 1 ID : 75189752671

Option 2 ID : 75189752670

Option 3 ID : 75189752672

Option 4 ID : 75189752669

Status : Answered

Chosen Option : 2

**Q.9**  $(x + 2y - 3z)^2$  is equal to:

- Ans**
- ☒ 1.  $x^2 + 4y^2 + 9z^2 + 4xy - 12yz - 6xz$
  - ☒ 2.  $x^2 + 4y^2 - 9z^2 + 4xy - 12yz - 6xz$
  - ☒ 3.  $x^2 + 4y^2 + 9z^2 + 4xy + 12yz - 6xz$
  - ☒ 4.  $x^2 + 4y^2 + 9z^2 + 4xy - 12yz + 6yz$

Question ID : 75189713353

Option 1 ID : 75189753410

Option 2 ID : 75189753409

Option 3 ID : 75189753411

Option 4 ID : 75189753412

Status : Answered

Chosen Option : 1

**Q.10** Which of the following numbers will replace the question mark (?) in the given number series?

176, 168, 160, 152, 144, ?

- Ans**
- ☒ 1. 142
  - ☒ 2. 136
  - ☒ 3. 138
  - ☒ 4. 132

Question ID : 75189713642

Option 1 ID : 75189754567

Option 2 ID : 75189754566

Option 3 ID : 75189754565

Option 4 ID : 75189754568

Status : Answered

Chosen Option : 2

Q.11 Which of the following best defines the Fiscal Deficit in Indian budget?

- Ans
- ☒ 1. Total expenditure plus total receipt including borrowing
  - ☒ 2. Total expenditure minus total receipt other than borrowing
  - ☒ 3. Capital expenditure minus capital receipts
  - ☒ 4. Revenue expenditure plus capital expenditure minus revenue receipts

Question ID : 7518974222  
Option 1 ID : 75189716888  
Option 2 ID : 75189716887  
Option 3 ID : 75189716885  
Option 4 ID : 75189716886  
Status : Answered  
Chosen Option : 2

Q.12 The age of Raghu 8 years ago was thrice the then age of Mohan. Eight years hence, Raghu's age will be twice of Mohan's age. Find the ratio of the present ages of Mohan and Raghu, respectively.

- Ans
- ☒ 1. 3 : 7
  - ☒ 2. 3 : 5
  - ☒ 3. 6 : 7
  - ☒ 4. 4 : 5

Question ID : 75189714395  
Option 1 ID : 75189757577  
Option 2 ID : 75189757580  
Option 3 ID : 75189757579  
Option 4 ID : 75189757578  
Status : Not Attempted and Marked For Review  
Chosen Option : --

Q.13 Which of the options below represents a Pythagorean triplet?

- Ans
- ☒ 1. 10, 99, 111
  - ☒ 2. 12, 143, 150
  - ☒ 3. 20, 99, 101
  - ☒ 4. 15, 224, 223

Question ID : 75189713257  
Option 1 ID : 75189753028  
Option 2 ID : 75189753026  
Option 3 ID : 75189753027  
Option 4 ID : 75189753025  
Status : Not Attempted and Marked For Review  
Chosen Option : --

**Q.14** If  $ax^2 - 8x - 8$  is divided by  $(x + 2)$ , then the remainder is 24. Find the value of  $a$ .

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

Question ID : 75189713448

Option 1 ID : 75189753789

Option 2 ID : 75189753792

Option 3 ID : 75189753790

Option 4 ID : 75189753791

Status : Answered

Chosen Option : 3

**Q.15** Straight lines  $l$  and  $m$  are parallel to each other. Points A and B lie on the line  $l$ , points C and D lie on the line  $m$ , and E is a point that lies between the straight lines  $l$  and  $m$ , all in such a manner that  $m\angle EAB = 50^\circ$  and  $m\angle ECD = 70^\circ$ . Find the measure of  $\angle AEC$  if points A and C lie on the same side of point E.

- Ans
- ☒ 1.  $60^\circ$
  - ☒ 2.  $70^\circ$
  - ☒ 3.  $100^\circ$
  - ☒ 4.  $120^\circ$

Question ID : 75189713463

Option 1 ID : 75189753850

Option 2 ID : 75189753851

Option 3 ID : 75189753849

Option 4 ID : 75189753852

Status : Not Attempted and Marked For Review

Chosen Option : --

**Q.16** There are three pipes A, B and C in a tank. The first pipe A can fill the empty tank in 8 hours, the second pipe B can fill the empty tank in 10 hours, and the third pipe C can empty the completely filled tank in 20 hours. If the three pipes are opened together when the tank is completely empty, then in how many hours will the tank be completely filled?

- Ans
- ☒ 1.  $\frac{25}{11}$  hours
  - ☒ 2.  $\frac{40}{7}$  hours
  - ☒ 3.  $\frac{20}{11}$  hours
  - ☒ 4.  $\frac{30}{7}$  hours

Question ID : 75189713432

Option 1 ID : 75189753728

Option 2 ID : 75189753726

Option 3 ID : 75189753727

Option 4 ID : 75189753725

Status : Answered

Chosen Option : 2

**Q.17** For a given concave mirror of focal length 0.5 m if the object distance is 0.6 m, then the magnification produced is:

- Ans
- ☒ 1. 5
  - ☒ 2. -5
  - ☒ 3. -0.5
  - ☒ 4. 0.5

Question ID : 75189714089

Option 1 ID : 75189756355

Option 2 ID : 75189756356

Option 3 ID : 75189756354

Option 4 ID : 75189756353

Status : Marked For Review

Chosen Option : 2

**Q.18** If the mean and the mode of a data set are 5 and 8, respectively, then, using the relevant empirical relation, find the median of the same data set.

- Ans
- ☒ 1. 6
  - ☒ 2. 7
  - ☒ 3. 14
  - ☒ 4. 3.5

Question ID : 75189714366

Option 1 ID : 75189757463

Option 2 ID : 75189757462

Option 3 ID : 75189757464

Option 4 ID : 75189757461

Status : Answered

Chosen Option : 1

**Q.19** When two resistors are connected in series, their total effective resistance is 120  $\Omega$ . When the same two resistors are connected in parallel then their effective resistance is 30  $\Omega$ . The resistances of the two resistors are:

- Ans
- ☒ 1. 70 $\Omega$  and 50 $\Omega$
  - ☒ 2. 80  $\Omega$  and 40  $\Omega$
  - ☒ 3. 90 $\Omega$  and 30  $\Omega$
  - ☒ 4. 60 $\Omega$  and 60 $\Omega$  each

Question ID : 75189711347

Option 1 ID : 75189745387

Option 2 ID : 75189745388

Option 3 ID : 75189745385

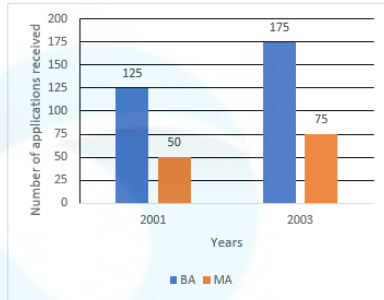
Option 4 ID : 75189745386

Status : Answered

Chosen Option : 4

**Q.20** Study the given bar-graph and answer the question that follows.

The bar-graph depicts the number of applications received for two courses (BA and MA) in 2001 and 2003.



The number of applications received for BA from females in 2001 and 2003 was 73 and 101, respectively. What was the total number of applications received for BA from males in 2001 and 2003 together?

- Ans
- ☒ 1. 116
  - ☒ 2. 124
  - ☒ 3. 126
  - ☒ 4. 128

Question ID : 75189713673

Option 1 ID : 75189754690

Option 2 ID : 75189754689

Option 3 ID : 75189754691

Option 4 ID : 75189754692

Status : Answered

Chosen Option : 3

**Q.21** Which of the following Articles vests the executive powers of the State in the Governor?

- Ans
- ☒ 1. Article 181
  - ☒ 2. Article 154
  - ☒ 3. Article 176
  - ☒ 4. Article 146

Question ID : 75189712519

Option 1 ID : 75189750076

Option 2 ID : 75189750074

Option 3 ID : 75189750075

Option 4 ID : 75189750073

Status : Answered

Chosen Option : 2



**Q.22** The LCM of two numbers is 10 times their HCF and the sum of the LCM and the HCF is 451. If the sum of the numbers is 287, then one of the two numbers is:

**Ans** ✓ 1. 82

✗ 2. 41

✗ 3. 123

✗ 4. 164

Question ID : 75189712620

Option 1 ID : 75189750478

Option 2 ID : 75189750477

Option 3 ID : 75189750479

Option 4 ID : 75189750480

Status : Answered

Chosen Option : 2

**Q.23** N, R, S, W, X and Z 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. N lives on floor number 2. No one lives between N and R. Only three people live between R and S. W lives immediately above X. On which floor number does Z live?

**Ans** ✗ 1. 1

✓ 2. 6

✗ 3. 3

✗ 4. 5

Question ID : 75189715236

Option 1 ID : 75189760944

Option 2 ID : 75189760941

Option 3 ID : 75189760943

Option 4 ID : 75189760942

Status : Answered

Chosen Option : 2

**Q.24** Which two numbers from amongst the given options should be interchanged to make the given equation correct?

$$382 + 9 + 4 - 39 \times 172 = 74$$

**Ans** ✗ 1. 9 and 4

✗ 2. 4 and 172

✗ 3. 382 and 39

✓ 4. 9 and 172

Question ID : 75189714129

Option 1 ID : 75189756515

Option 2 ID : 75189756516

Option 3 ID : 75189756514

Option 4 ID : 75189756513

Status : Answered

Chosen Option : 4

**Q.25** The median of the following data is 28.5. The total frequency is 60. The values of x and y, respectively, are:

| Age in years    | 0-10 | 10-20 | 20-30 | 30-40 | 40-50 | 50-60 | Total |
|-----------------|------|-------|-------|-------|-------|-------|-------|
| No. of patients | 5    | x     | 20    | 15    | y     | 5     | 60    |

Ans ☒ 1.  $x = 7, y = 8$

☒ 2.  $x = 6, y = 9$

☒ 3.  $x = 8, y = 7$

☒ 4.  $x = 9, y = 6$

Question ID : 75189713440

Option 1 ID : 75189753758

Option 2 ID : 75189753760

Option 3 ID : 75189753757

Option 4 ID : 75189753759

Status : Not Attempted and Marked For Review

Chosen Option : --

**Q.26** Refer to the following number and symbol series and answer the question.

(Left)  $8 \# 7 * 3 \ S \ 9 \ 6 \ 2 \ @ \ 7 \ \& \ 9 \ \% \ 4 \ 3 \ 7 \ \% \ 2 \ 5 \wedge 6$  (Right)

How many such symbols are there in the series which are immediately preceded by an odd number and also immediately followed by an even number?

Ans ☒ 1. Five

☒ 2. Four

☒ 3. Two

☒ 4. Three

Question ID : 75189710857

Option 1 ID : 75189743428

Option 2 ID : 75189743427

Option 3 ID : 75189743425

Option 4 ID : 75189743426

Status : Answered

Chosen Option : 3

**Q.27** The perimeter of a regular pentagon whose each side is  $2a$  cm long is:

Ans ☒ 1.  $10a^2$  cm

☒ 2.  $5a$  cm

☒ 3.  $5a^5$  cm

☒ 4.  $10a$  cm

Question ID : 75189713395

Option 1 ID : 75189753578

Option 2 ID : 75189753579

Option 3 ID : 75189753580

Option 4 ID : 75189753577

Status : Marked For Review

Chosen Option : 4

**Q.28** Which of the following is NOT a scheme or initiative run by Ministry of Youth Affairs and Sports?

- Ans**
- ☒ 1. National Sports Development Fund
  - ☒ 2. Shyama Prasad Mukherjee National Sports Welfare Fund
  - ☒ 3. Khelo India Scheme
  - ☒ 4. National Sports Awards

Question ID : **75189713974**  
Option 1 ID : **75189755895**  
Option 2 ID : **75189755896**  
Option 3 ID : **75189755893**  
Option 4 ID : **75189755894**  
Status : **Not Answered**  
Chosen Option : --

**Q.29** The SI unit of electric power is \_\_\_\_\_.

- Ans**
- ☒ 1. Calorie
  - ☒ 2. Watt
  - ☒ 3. Newton
  - ☒ 4. Joule

Question ID : **75189713834**  
Option 1 ID : **75189755334**  
Option 2 ID : **75189755336**  
Option 3 ID : **75189755335**  
Option 4 ID : **75189755333**  
Status : **Answered**  
Chosen Option : **2**

**Q.30** 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/symbol | 1 | & | 2 | 9 | * | 7 | 3 | \$ | 8 | 5 | 6 | 4 | @ | # |
|---------------|---|---|---|---|---|---|---|----|---|---|---|---|---|---|
| Code          | B | F | I | K | A | V | S | U  | E | Q | C | P | X | T |

Conditions:

- If the first element is a symbol and the second element is an even number, the first and the second elements are to be coded as €
- If both the first and the last elements are numbers, the codes for these two (the first and the last elements) are to be interchanged
- If last element is a symbol, the element is to be coded as β

5 @ & 2 7

- Ans**
- ☒ 1. QXFIV
  - ☒ 2. FXIQV
  - ☒ 3. VXFIQ
  - ☒ 4. VFXIV

Question ID : 75189715397

Option 1 ID : 75189761585

Option 2 ID : 75189761588

Option 3 ID : 75189761587

Option 4 ID : 75189761586

Status : Not Attempted and Marked For Review

Chosen Option : --

**Q.31** The correct relation between refractive index ( $\mu$ ), speed of light in air ( $c$ ) and speed of light in the medium ( $v$ ) is:

- Ans**
- ☒ 1.  $c = \frac{\mu}{v}$
  - ☒ 2.  $v = \frac{\mu}{c}$
  - ☒ 3.  $\frac{1}{\mu} = \frac{c}{v}$
  - ☒ 4.  $\mu = \frac{c}{v}$

Question ID : 7518979507

Option 1 ID : 75189738025

Option 2 ID : 75189738026

Option 3 ID : 75189738028

Option 4 ID : 75189738027

Status : Answered

Chosen Option : 4

**Q.32** In an electric motor, the forces acting on the arms of the armature of the motor that are perpendicular to the direction of magnetic field are:

- Ans**
- ☒ 1. unequal in magnitude and along same direction
  - ☒ 2. unequal in magnitude and in the opposite direction
  - ☒ 3. equal in magnitude and opposite in direction
  - ☒ 4. equal in magnitude and in the same direction

Question ID : 75189713879

Option 1 ID : 75189755514

Option 2 ID : 75189755516

Option 3 ID : 75189755513

Option 4 ID : 75189755515

Status : Not Answered

Chosen Option : --

**Q.33** The Fundamental Duties in the Indian Constitution were added by which amendment to the Constitution?

- Ans**
- ☒ 1. 42<sup>nd</sup>
  - ☒ 2. 43<sup>rd</sup>
  - ☒ 3. 40<sup>th</sup>
  - ☒ 4. 41<sup>st</sup>

Question ID : 75189712420

Option 1 ID : 75189749679

Option 2 ID : 75189749680

Option 3 ID : 75189749677

Option 4 ID : 75189749678

Status : Answered

Chosen Option : 1

**Q.34** Suresh starts from Point A and drives 7 km towards the east. He then takes a left turn, drives 4 km, turns right and drives 5 km. He then takes a right turn and drives 10 km, takes a right turn and drives 8 km. He then takes right turn and drives 13 km. He takes a final left turn, drives 4 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. 7 km towards the south
  - ☒ 2. 7 km towards the west
  - ☒ 3. 3 km towards the south
  - ☒ 4. 5 km towards the north

Question ID : 75189714487

Option 1 ID : 75189757946

Option 2 ID : 75189757948

Option 3 ID : 75189757947

Option 4 ID : 75189757945

Status : Marked For Review

Chosen Option : 1

**Q.35** Which of the following statements about the Rann of Kutch is NOT correct?

**Ans** ☒ 1.

It is a salt marsh in the Thar Desert in the Kutch District of Gujarat.

☒ 2.

This famous desert of white salt is visible after the monsoon season.

☒ 3. It is located in the Eastern Ghat in Odisha state.

☒ 4. It is famous for the wild ass.

Question ID : **75189715459**

Option 1 ID : **75189761833**

Option 2 ID : **75189761834**

Option 3 ID : **75189761836**

Option 4 ID : **75189761835**

Status : **Answered**

Chosen Option : **3**

**Q.36** Which of the following Acts of Constitution, seeks to provide a common framework for the structure and mandate of urban local bodies to enable them to function as effective democratic units of Local Self Government?

**Ans** ☒ 1. 10<sup>th</sup> Amendment Act, 1966

☒ 2. 74<sup>th</sup> Amendment Act, 1992

☒ 3. 4<sup>th</sup> Amendment Act, 1956

☒ 4. 70<sup>th</sup> Amendment Act, 1990

Question ID : **75189715478**

Option 1 ID : **75189761912**

Option 2 ID : **75189761910**

Option 3 ID : **75189761911**

Option 4 ID : **75189761909**

Status : **Answered**

Chosen Option : **2**

**Q.37** 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 /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.)

(32, 166, 19)

(49, 230, 17)

**Ans**

✓ 1. (36, 186, 21)

✗ 2. (37, 186, 21)

✗ 3. (36, 186, 20)

✗ 4. (36, 187, 21)

Question ID : **75189714123**

Option 1 ID : **75189756491**

Option 2 ID : **75189756489**

Option 3 ID : **75189756490**

Option 4 ID : **75189756492**

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

Chosen Option : --

**Q.38** What is the basic difference in food intake by Amoeba and Paramoecium?

**Ans**

✓ 1. Amoeba can take up food from entire cell surface  
Paramoecium only through specific spot

✗ 2.

Amoeba takes up food through specific spot while paramoecium can take up from 2 spots

✗ 3. Both of them can take up through the entire cell surface

✗ 4.

Amoeba can take up through entire cell surface and paramoecium through 4 spots on its cells surface

Question ID : **75189712278**

Option 1 ID : **75189749112**

Option 2 ID : **75189749109**

Option 3 ID : **75189749110**

Option 4 ID : **75189749111**

Status : **Not Answered**

Chosen Option : --

Q.39 The Indian Councils Act of 1909 is also termed as the \_\_\_\_\_.

- Ans ☒ 1. Morley-Minto Reforms
- ☐ 2. Quit India Movement
- ☐ 3. Simon Commission
- ☐ 4. Chauri Chaura incident

Question ID : 75189714036

Option 1 ID : 75189756143

Option 2 ID : 75189756141

Option 3 ID : 75189756142

Option 4 ID : 75189756144

Status : Answered

Chosen Option : 1

Q.40 A, B, C, D, E, F, G and H live on eight 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 8.

D lives on an even numbered floor but does not live on floor number 4 or 2. Only five persons live between D and A. C lives immediately above A. H lives on floor number 1. Only B lives between the floors of F and D. E does not live on an even numbered floor. How many people live above E's floor?

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

Question ID : 75189713077

Option 1 ID : 75189752307

Option 2 ID : 75189752306

Option 3 ID : 75189752308

Option 4 ID : 75189752305

Status : Not Attempted and Marked For Review

Chosen Option : --

Q.41 The simple interest for 6 years, at a certain rate of interest per annum, is one-sixth of the principal. At the same rate of simple interest, what sum of money will amount to ₹6,000 total in 3 years?

[Give your answer correct to 2 decimal places.]

- Ans ☐ 1. ₹6,539.65
- ☐ 2. ₹6,565.39
- ☒ 3. ₹5,538.46
- ☐ 4. ₹5,565.39

Question ID : 75189712956

Option 1 ID : 75189751822

Option 2 ID : 75189751824

Option 3 ID : 75189751821

Option 4 ID : 75189751823

Status : Not Attempted and Marked For Review

Chosen Option : --



**Q.42** If the cost price of 63 articles is equal to the selling price of 54 articles, then what is the percentage gain or loss?

- Ans
- ☒ 1.  $16\frac{2}{3}\%$  loss
  - ☒ 2.  $15\frac{1}{3}\%$  loss
  - ☒ 3.  $16\frac{2}{3}\%$  gain
  - ☒ 4.  $15\frac{1}{3}\%$  gain

Question ID : 75189713427

Option 1 ID : 75189753705

Option 2 ID : 75189753707

Option 3 ID : 75189753706

Option 4 ID : 75189753708

Status : Answered

Chosen Option : 3

**Q.43** If 5 is subtracted from  $x$ , then the resulting number is exactly divisible by 18, 16, 24 and 32. The smallest value of  $x$  is:

- Ans
- ☒ 1. 293
  - ☒ 2. 288
  - ☒ 3. 581
  - ☒ 4. 283

Question ID : 75189713280

Option 1 ID : 75189753117

Option 2 ID : 75189753119

Option 3 ID : 75189753120

Option 4 ID : 75189753118

Status : Answered

Chosen Option : 3

**Q.44** Which of the following provides proteins for growth?

- Ans
- ☒ 1. Leafy vegetables
  - ☒ 2. Pulses
  - ☒ 3. Apple
  - ☒ 4. Cereals

Question ID : 75189710234

Option 1 ID : 75189740934

Option 2 ID : 75189740936

Option 3 ID : 75189740933

Option 4 ID : 75189740935

Status : Answered

Chosen Option : 2

**Q.45** Six friends L, M, N, O, P and Q 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 O lives on the floor between the floors of M and Q. Only N lives on the floor between the floors of L and P. Q lives on one of the floors above the floor of L. On which floor does O live?

- Ans
- ☒ 1. 3<sup>rd</sup>
  - ☒ 2. 4<sup>th</sup>
  - ☒ 3. 5<sup>th</sup>
  - ☒ 4. 2<sup>nd</sup>

Question ID : 75189713594

Option 1 ID : 75189754373

Option 2 ID : 75189754376

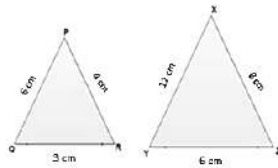
Option 3 ID : 75189754375

Option 4 ID : 75189754374

Status : Answered

Chosen Option : 3

**Q.46** In the given figures (figures drawn are not to scale), by which of the following similarity criteria  $\Delta PQR$  is similar to  $\Delta XYZ$ , where S – side and A – Angle?



- Ans
- ☒ 1. AAS
  - ☒ 2. AAA
  - ☒ 3. SSS
  - ☒ 4. SAS

Question ID : 75189712096

Option 1 ID : 75189748384

Option 2 ID : 75189748383

Option 3 ID : 75189748381

Option 4 ID : 75189748382

Status : Answered

Chosen Option : 2

**Q.47** If 2 and 5 are the roots of a quadratic equation, then the quadratic equation is given by:

- Ans
- ☒ 1.  $x^2 + 3x + 7 = 0$
  - ☒ 2.  $x^2 + 7x + 10 = 0$
  - ☒ 3.  $2x^2 + 7x + 10 = 0$
  - ☒ 4.  $x^2 - 7x + 10 = 0$

Question ID : 75189713384

Option 1 ID : 75189753535

Option 2 ID : 75189753533

Option 3 ID : 75189753534

Option 4 ID : 75189753536

Status : Answered

Chosen Option : 4

**Q.48** There are three pipes K, L and M. Pipe K can fill a tank in 45 minutes and pipe L can fill the same tank in one hour. Pipe M can empty the same tank, when filled, in 1 hour 45 minutes. If all three pipes are opened together when the tank is empty, then the tank will be filled in:

- Ans
- ☒ 1.  $24\frac{3}{37}$  minutes
  - ☒ 2.  $34\frac{2}{37}$  minutes
  - ☒ 3.  $44\frac{5}{37}$  minutes
  - ☒ 4.  $54\frac{9}{37}$  minutes

Question ID : 75189714354

Option 1 ID : 75189757413

Option 2 ID : 75189757414

Option 3 ID : 75189757415

Option 4 ID : 75189757416

Status : Not Attempted and Marked For Review

Chosen Option : --

**Q.49** Refer to the following letter series and answer the question.

YABUYHIRJSBRXMPQSDIRAYEFG

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

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

Question ID : 7518977661

Option 1 ID : 75189730644

Option 2 ID : 75189730642

Option 3 ID : 75189730641

Option 4 ID : 75189730643

Status : Answered

Chosen Option : 4

**Q.50** Amdavad Municipal Transport Service is India's largest Municipal Transport Service for local conveyance. R.T.A issued the permit to manage 29 routes for the bus-service to Municipality of Amdavad in January \_\_\_\_.

- Ans**
- ☒ 1. 1950
  - ☒ 2. 1941
  - ☒ 3. 1947
  - ☒ 4. 1952

Question ID : **75189715442**  
Option 1 ID : **75189761767**  
Option 2 ID : **75189761765**  
Option 3 ID : **75189761766**  
Option 4 ID : **75189761768**  
Status : **Not Answered**  
Chosen Option : --

**Q.51** Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

All lilies are daisies.

All roses are lilies.

All petunias are lilies.

Conclusions:

I. Some daisies are petunias.

II. Some roses are petunias.

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

Question ID : **75189713497**  
Option 1 ID : **75189753987**  
Option 2 ID : **75189753985**  
Option 3 ID : **75189753988**  
Option 4 ID : **75189753986**  
Status : **Answered**  
Chosen Option : **4**

**Q.52** A receipt that does NOT lead to a claim on the government is known as a \_\_\_\_\_.

- Ans**
- ☒ 1. redeemable receipt
  - ☒ 2. claimed receipt
  - ☒ 3. capital receipt
  - ☒ 4. revenue receipt

Question ID : 75189714003

Option 1 ID : 75189756011

Option 2 ID : 75189756012

Option 3 ID : 75189756010

Option 4 ID : 75189756009

Status : Not Answered

Chosen Option : --

**Q.53** 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:**

All Umbrellas are Raincoats.

All Raincoats are Frogs.

Some Raincoats are Water.

**Conclusions:**

(I) Some Frogs are Water.

(II) All Umbrellas are Frogs.

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

Question ID : 75189714622

Option 1 ID : 75189758488

Option 2 ID : 75189758487

Option 3 ID : 75189758485

Option 4 ID : 75189758486

Status : Answered

Chosen Option : 2

**Q.54** 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.

YRF : UNB  
GLS : CHO

- Ans
- ☒ 1. OKA : LPZ
  - ☒ 2. TDU : GWF
  - ☒ 3. MPL : ILH
  - ☒ 4. RJM : TSY

Question ID : 75189714927

Option 1 ID : 75189759708

Option 2 ID : 75189759705

Option 3 ID : 75189759706

Option 4 ID : 75189759707

Status : Answered

Chosen Option : 3

**Q.55** In this question, the statement is followed by four conclusions. Find out which conclusion is NOT true based on the given statement.

Statement :  $L > D = W \geq K > Q < C \leq P$

- Ans
- ☒ 1.  $D \leq Q$
  - ☒ 2.  $K \leq D$
  - ☒ 3.  $P > Q$
  - ☒ 4.  $L > W$

Question ID : 75189714203

Option 1 ID : 75189756809

Option 2 ID : 75189756810

Option 3 ID : 75189756812

Option 4 ID : 75189756811

Status : Answered

Chosen Option : 1

**Q.56** Which of the following compounds on treatment with chlorine produces bleaching powder?

- Ans
- ☒ 1. Slaked lime
  - ☒ 2. Quicklime
  - ☒ 3. Calcium bicarbonate
  - ☒ 4. Calcium carbonate

Question ID : 75189712799

Option 1 ID : 75189751193

Option 2 ID : 75189751194

Option 3 ID : 75189751196

Option 4 ID : 75189751195

Status : Answered

Chosen Option : 2

**Q.57** Centre for Excellence in Artificial Intelligence is an initiative by which organisation?

- Ans
- ☐ 1. Indian Institute of Science
  - ☐ 2. INFLIBNET
  - ☒ 3. National Informatics Centre
  - ☐ 4. Indian Space Research Organisation

Question ID : **75189713976**  
Option 1 ID : **75189755904**  
Option 2 ID : **75189755901**  
Option 3 ID : **75189755903**  
Option 4 ID : **75189755902**  
Status : **Not Answered**  
Chosen Option : --

**Q.58** Which ministry launched a special campaign namely Kanya Shiksha Pravesh Utsav launched on 7th March, 2022 to re-enroll out of school adolescent girls (OoS AG) in the age group of 11-14 years?

- Ans
- ☐ 1. Ministry of Health and family Welfare
  - ☐ 2. Ministry of Home Affairs
  - ☐ 3. Ministry of Education
  - ☒ 4. Ministry of Women and Child Development

Question ID : **75189715076**  
Option 1 ID : **75189760304**  
Option 2 ID : **75189760303**  
Option 3 ID : **75189760302**  
Option 4 ID : **75189760301**  
Status : **Not Answered**  
Chosen Option : --

**Q.59** Two sides of a triangular field are 41 m and 28 m. If its perimeter is 84 m, then what is the length of the smallest altitude of the triangle? [Give your answer correct to two places of decimal.]

- Ans
- ☐ 1. 6.12 m
  - ☐ 2. 7.15 m
  - ☐ 3. 7.12 m
  - ☒ 4. 6.15 m

Question ID : **75189711802**  
Option 1 ID : **75189747207**  
Option 2 ID : **75189747205**  
Option 3 ID : **75189747206**  
Option 4 ID : **75189747208**  
Status : **Not Attempted and Marked For Review**  
Chosen Option : --

**Q.60** During a sale, a trader allows a 25% cash discount followed by a 10% trade discount. If the list price of an item is ₹800, then its selling price is:

- Ans ☒ 1. ₹540  
☐ 2. ₹510  
☐ 3. ₹275  
☐ 4. ₹280

Question ID : 75189714334  
Option 1 ID : 75189757334  
Option 2 ID : 75189757336  
Option 3 ID : 75189757335  
Option 4 ID : 75189757333  
Status : Answered  
Chosen Option : 1

**Q.61** Formation of carbon monoxide from carbon dioxide and oxygen is an example of \_\_\_\_\_.

- Ans ☐ 1. displacement reaction  
☐ 2. neutralisation reaction  
☒ 3. combination reaction  
☐ 4. decomposition reaction

Question ID : 75189715081  
Option 1 ID : 75189760324  
Option 2 ID : 75189760321  
Option 3 ID : 75189760323  
Option 4 ID : 75189760322  
Status : Answered  
Chosen Option : 3

**Q.62** Each vowel in the word INTERNAL 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 the fifth from the right?

- Ans ☐ 1. M  
☒ 2. K  
☐ 3. F  
☐ 4. J

Question ID : 75189711026  
Option 1 ID : 75189744102  
Option 2 ID : 75189744101  
Option 3 ID : 75189744104  
Option 4 ID : 75189744103  
Status : Answered  
Chosen Option : 3



**Q.63** A statement is given followed by four conclusions as options. Select which conclusion is true based on the given statement.

Statement:  $R > M = N < Q < P = J$

- Ans
- ☒ 1.  $M > P$
  - ☒ 2.  $P < M$
  - ☒ 3.  $J > M$
  - ☒ 4.  $R < Q$

Question ID : 75189713547

Option 1 ID : 75189754187

Option 2 ID : 75189754188

Option 3 ID : 75189754186

Option 4 ID : 75189754185

Status : Answered

Chosen Option : 3

**Q.64** What will come in the place of '?' in the following equation, if '+' and '-' are interchanged and also '×' and '÷' are interchanged?

$$100 \times 25 - 10 \div 5 + 24 = ?$$

- Ans
- ☒ 1. 24
  - ☒ 2. 40
  - ☒ 3. 30
  - ☒ 4. 54

Question ID : 75189713144

Option 1 ID : 75189752576

Option 2 ID : 75189752574

Option 3 ID : 75189752575

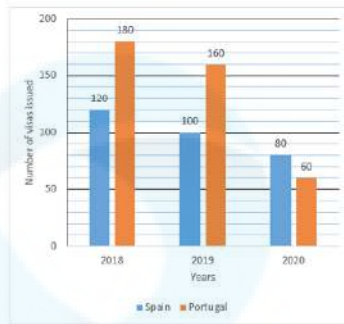
Option 4 ID : 75189752573

Status : Answered

Chosen Option : 3

**Q.65** Study the given bar graph and answer the following question.

The given bar graph depicts the number of visas issued for Spain and Portugal in 2018, 2019 and 2020



What is the respective ratio between the total number of visas issued for both the countries in 2018 and the number of visas issued for Portugal in 2020?

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

Question ID : 75189712729

Option 1 ID : 75189750916

Option 2 ID : 75189750913

Option 3 ID : 75189750914

Option 4 ID : 75189750915

Status : Answered

Chosen Option : 1

**Q.66** If the numbers given below are arranged in ascending order, then which number is third from the right?

Left 11, 3, 2, 6, 14, 9, 7, 5, 2 Right

- Ans** ☒ 1. 11  
☒ 2. 7  
☒ 3. 9  
☒ 4. 3

Question ID : 75189714263

Option 1 ID : 75189757051

Option 2 ID : 75189757050

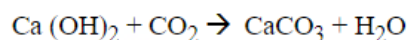
Option 3 ID : 75189757052

Option 4 ID : 75189757049

Status : Answered

Chosen Option : 3

**Q.67** How many atoms of oxygen are on the left side of the given chemical equation?



Ans ☒ 1. 3

☒ 2. 4

☒ 3. 1

☒ 4. 2

Question ID : **75189714756**

Option 1 ID : **75189759022**

Option 2 ID : **75189759021**

Option 3 ID : **75189759024**

Option 4 ID : **75189759023**

Status : **Answered**

Chosen Option : 3

**Q.68** The image produced by a concave mirror when an object is kept at the centre of the curvature of the mirror is:

Ans ☒ 1. virtual and erect

☒ 2. real and inverted

☒ 3. virtual and inverted

☒ 4. real and erect

Question ID : **75189714083**

Option 1 ID : **75189756331**

Option 2 ID : **75189756330**

Option 3 ID : **75189756332**

Option 4 ID : **75189756329**

Status : **Answered**

Chosen Option : 2

**Q.69** D, E, H, K, M, R, S and W 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.

D sits at one of the corners of the table. E sits second to the left of D. Only three people sit between E and H. Only one person sits between H and M. S sits to the immediate left of M. W is not an immediate neighbour of D. K sits second to the right of R.

As per the given arrangement, \_\_\_\_ sits to the immediate left of R.

Ans ☒ 1. E

☒ 2. H

☒ 3. D

☒ 4. M

Question ID : **75189715220**

Option 1 ID : **75189760877**

Option 2 ID : **75189760879**

Option 3 ID : **75189760878**

Option 4 ID : **75189760880**

Status : **Answered**

Chosen Option : 4

Q.70 Select the correct statement.

Ans ☒ 1.

An annual statement of the government's fiscal revenue and fiscal expenditure known as fiscal budget.

☒ 2.

The amount collected by the government in the form of interest, fees, and dividends is known as tax revenue receipt.

☒ 3.

A fiscal deficit is a shortfall in a government's income compared with its spending.

☒ 4. Capital budget is not a part of government budget.

Question ID : 75189715429

Option 1 ID : 75189761714

Option 2 ID : 75189761713

Option 3 ID : 75189761716

Option 4 ID : 75189761715

Status : Not Answered

Chosen Option : --

Q.71 Match the columns.

| Group-I             | Group-II        |
|---------------------|-----------------|
| I. Solid waste      | A. Composting   |
| II. Organic waste   | B. Open dumping |
| III. Hospital waste | C. Incineration |

Ans ☒ 1. I-B; II-A; III-C

☒ 2. I-C; II-B; III-A

☒ 3. I-B; II-C; III-A

☒ 4. I-C; II-A; III-B

Question ID : 75189710273

Option 1 ID : 75189741092

Option 2 ID : 75189741090

Option 3 ID : 75189741091

Option 4 ID : 75189741089

Status : Answered

Chosen Option : 1

**Q.72** 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. Some roses are geraniums.
2. Some roses are daisies.
3. Some lilies are geraniums.

Conclusions:

- I-Some geraniums are daisies.  
II-Some lilies are roses.

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

Question ID : 75189714186

Option 1 ID : 75189756741

Option 2 ID : 75189756742

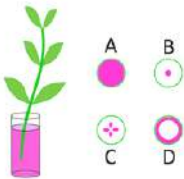
Option 3 ID : 75189756743

Option 4 ID : 75189756744

Status : Answered

Chosen Option : 4

**Q.73** A cut twig is placed in coloured water as shown in the diagram below. After a few hours, when the twig is cut, how will it look (where will we find the coloured tissue)?



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

Question ID : 75189710068

Option 1 ID : 75189740270

Option 2 ID : 75189740269

Option 3 ID : 75189740271

Option 4 ID : 75189740272

Status : Not Attempted and  
Marked For Review

Chosen Option : --

**Q.74** Who among the following was the First Vice Chancellor of Maulana Azad National Urdu University?

- Ans
- ☒ 1. Prof. Abdul Jaleelkhan M.Pathan
  - ☒ 2. Prof. Mohammad Miyan
  - ☒ 3. Dr. Mohammad Aslam Parvaiz
  - ☒ 4. Prof. Mohammed Shamim Jairajpuri

Question ID : **75189713996**  
Option 1 ID : **75189755981**  
Option 2 ID : **75189755982**  
Option 3 ID : **75189755984**  
Option 4 ID : **75189755983**  
Status : **Not Answered**  
Chosen Option : --

**Q.75** Find the smallest number from the options given below, by which 242 should be divided so as to make the quotient a perfect square.

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

Question ID : **75189713258**  
Option 1 ID : **75189753031**  
Option 2 ID : **75189753030**  
Option 3 ID : **75189753029**  
Option 4 ID : **75189753032**  
Status : **Answered**  
Chosen Option : 4

**Q.76** Padma Shri 2022 awardee para-javelin thrower Sumit Antil belongs to which of the following states?

- Ans
- ☒ 1. Uttarakhand
  - ☒ 2. Haryana
  - ☒ 3. Karnataka
  - ☒ 4. Rajasthan

Question ID : **75189715053**  
Option 1 ID : **75189760210**  
Option 2 ID : **75189760211**  
Option 3 ID : **75189760212**  
Option 4 ID : **75189760209**  
Status : **Marked For Review**  
Chosen Option : 2

**Q.77** Which of the following organisms break down food material outside the body and then absorb the digested food?

- Ans
- ☒ 1. Lice
  - ☒ 2. Mushroom
  - ☒ 3. Deer
  - ☒ 4. Amoeba

Question ID : 7518977818

Option 1 ID : 75189731270

Option 2 ID : 75189731269

Option 3 ID : 75189731272

Option 4 ID : 75189731271

Status : Not Answered

Chosen Option : --

**Q.78** The Basilica of Bom Jesus is a Roman Catholic basilica located in the state of \_\_\_\_\_ and is a UNESCO World Heritage Site.

- Ans
- ☒ 1. Kerala
  - ☒ 2. Meghalaya
  - ☒ 3. Goa
  - ☒ 4. Andhra Pradesh

Question ID : 75189710556

Option 1 ID : 75189742223

Option 2 ID : 75189742222

Option 3 ID : 75189742224

Option 4 ID : 75189742221

Status : Not Answered

Chosen Option : --

**Q.79** If the product of the ages of M and N is 486 years and the ratio of their ages is 3 : 2, what is the sum of their ages?

- Ans
- ☒ 1. 45 years
  - ☒ 2. 60 years
  - ☒ 3. 65 years
  - ☒ 4. 70 years

Question ID : 75189714321

Option 1 ID : 75189757281

Option 2 ID : 75189757282

Option 3 ID : 75189757283

Option 4 ID : 75189757284

Status : Answered

Chosen Option : 1

**Q.80** 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.

K H U \_ H K \_ U S G K H U S \_ \_ H U S E

- Ans
- ✓ 1. S H F K
  - ✗ 2. H S K F
  - ✗ 3. H F H K
  - ✗ 4. S S F K

Question ID : 75189713608

Option 1 ID : 75189754431

Option 2 ID : 75189754429

Option 3 ID : 75189754432

Option 4 ID : 75189754430

Status : Answered

Chosen Option : 1

**Q.81** Which reaction occurs when a student adds a few drops of lemon in milk?

- Ans
- ✗ 1. Hydrolysis
  - ✗ 2. Combination reaction
  - ✗ 3. Displacement reaction
  - ✓ 4. Precipitation reaction

Question ID : 75189714773

Option 1 ID : 75189759090

Option 2 ID : 75189759089

Option 3 ID : 75189759092

Option 4 ID : 75189759091

Status : Marked For Review

Chosen Option : 1

**Q.82** Simplify the following.

$$(-2)^4 \div (-2)^6$$

- Ans
- ✗ 1. 4
  - ✗ 2.  $-\frac{1}{4}$
  - ✗ 3. -4
  - ✓ 4.  $\frac{1}{4}$

Question ID : 75189713250

Option 1 ID : 75189752999

Option 2 ID : 75189752998

Option 3 ID : 75189752997

Option 4 ID : 75189753000

Status : Answered

Chosen Option : 4



Q.83 The presence of a magnetic field can be determined by \_\_\_\_\_.

- Ans
- ☐ 1. a galvanometer
  - ☐ 2. a voltmeter
  - ☒ 3. a magnetic needle
  - ☐ 4. an ammeter

Question ID : 75189713856

Option 1 ID : 75189755423

Option 2 ID : 75189755422

Option 3 ID : 75189755424

Option 4 ID : 75189755421

Status : Answered

Chosen Option : 3

Q.84 The sum of the numerator and the denominator of a fraction is 13. If 6 is added to both the numerator and the denominator, then the fraction becomes  $\frac{8}{17}$ . Find the absolute difference between the numerator and the denominator of the given fraction.

- Ans
- ☐ 1. 10
  - ☐ 2. 12
  - ☒ 3. 9
  - ☐ 4. 8

Question ID : 75189713366

Option 1 ID : 75189753464

Option 2 ID : 75189753461

Option 3 ID : 75189753463

Option 4 ID : 75189753462

Status : Not Attempted and  
Marked For Review

Chosen Option : --

Q.85 Unsaturated hydrocarbons that contain one or more double bonds are known as \_\_\_\_\_.

- Ans
- ☒ 1. alkenes
  - ☐ 2. Acids
  - ☐ 3. Alkanes
  - ☐ 4. ketones

Question ID : 75189714999

Option 1 ID : 75189759994

Option 2 ID : 75189759996

Option 3 ID : 75189759995

Option 4 ID : 75189759993

Status : Answered

Chosen Option : 1

**Q.86** The ratio of the income of A to that of B is 3 : 5 . The expenditure of A is  $\frac{7}{12}$  of his income, and the expenditure of B is  $\frac{8}{15}$  of his income. The positive difference between their expenditures is ₹14,300 . Find A's income.

- Ans
- ☒ 1. ₹48,300
  - ☒ 2. ₹16,800
  - ☒ 3. ₹46,800
  - ☒ 4. ₹78,000

Question ID : 75189714310

Option 1 ID : 75189757240

Option 2 ID : 75189757239

Option 3 ID : 75189757238

Option 4 ID : 75189757237

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

Chosen Option : --

**Q.87** How will you diagnose if a person is infected with HIV a year ago?

- Ans
- ☒ 1. Persistent fever (over a month)
  - ☒ 2. By low blood cell count
  - ☒ 3. By anti-HIV antibodies in the blood
  - ☒ 4. By loss of weight and fatigue

Question ID : 75189712284

Option 1 ID : 75189749136

Option 2 ID : 75189749133

Option 3 ID : 75189749135

Option 4 ID : 75189749134

Status : **Answered**

Chosen Option : 4

**Q.88** On 1 March 2022, how many teachers across India were bestowed the National Information and Communication Technology (ICT) Awards 2022 by the Union Minister of State for Education Annpurna Devi?

- Ans
- ☒ 1. 69
  - ☒ 2. 59
  - ☒ 3. 49
  - ☒ 4. 79

Question ID : 7518979353

Option 1 ID : 75189737411

Option 2 ID : 75189737410

Option 3 ID : 75189737409

Option 4 ID : 75189737412

Status : **Not Answered**

Chosen Option : --

**Q.89** Which of the following numbers will replace the question mark (?) in the given series?

11, 12, 14, 18, 26, ?

Ans ☒ 1. 42

☐ 2. 34

☐ 3. 48

☐ 4. 56

Question ID : 75189713692

Option 1 ID : 75189754767

Option 2 ID : 75189754766

Option 3 ID : 75189754768

Option 4 ID : 75189754765

Status : Answered

Chosen Option : 1

**Q.90** Which of the following is used for removing permanent hardness of water?

Ans ☐ 1. NaCl

☐ 2. NaHCO<sub>3</sub>

☐ 3. CaOCl<sub>2</sub>

☒ 4. Na<sub>2</sub>CO<sub>3</sub>·10H<sub>2</sub>O

Question ID : 75189714686

Option 1 ID : 75189758743

Option 2 ID : 75189758744

Option 3 ID : 75189758741

Option 4 ID : 75189758742

Status : Answered

Chosen Option : 4

**Q.91** What types of waste products are stored in Old Xylem?

Ans ☐ 1. Uric acid

☒ 2. Resins and gums

☐ 3. Ammonia, urea and amino acids

☐ 4. Growth promoting substances

Question ID : 75189712257

Option 1 ID : 75189749028

Option 2 ID : 75189749027

Option 3 ID : 75189749026

Option 4 ID : 75189749025

Status : Not Answered

Chosen Option : --

Q.92 The phenomena of scattering of light by colloidal particles gives rise to \_\_\_\_\_.

- Ans
- ☐ 1. dispersion
  - ☐ 2. refraction of light
  - ☐ 3. Total internal reflection
  - ☒ 4. Tyndall effect

Question ID : 75189713772

Option 1 ID : 75189755087

Option 2 ID : 75189755085

Option 3 ID : 75189755088

Option 4 ID : 75189755086

Status : Not Answered

Chosen Option : --

Q.93 What is the atomic number and valency of sulphur, respectively?

- Ans
- ☐ 1. 14 and 4
  - ☐ 2. 17 and 1
  - ☒ 3. 16 and 2
  - ☐ 4. 15 and 3

Question ID : 75189715043

Option 1 ID : 75189760170

Option 2 ID : 75189760172

Option 3 ID : 75189760169

Option 4 ID : 75189760171

Status : Answered

Chosen Option : 1

Q.94 Which of the following can lead to sustainable management of forest resources?

- Ans
- ☐ 1. Applying fertilisers and growth promoters to enhance the growth of trees
  - ☒ 2. Adjusting the harvest of wood depending on the rate of growth of forests
  - ☐ 3. Making forests off-limits to human beings and their livestock
  - ☐ 4. Using money from safari tourists to protect forests from logging

Question ID : 75189712332

Option 1 ID : 75189749328

Option 2 ID : 75189749327

Option 3 ID : 75189749325

Option 4 ID : 75189749326

Status : Not Attempted and Marked For Review

Chosen Option : --

**Q.95** Which of the following Articles of the Indian Constitution says that no child below the age of fourteen years shall be employed to work in any factory or mine or engaged in any other hazardous employment?

- Ans ☒ 1. Article 24  
☒ 2. Article 25  
☒ 3. Article 27  
☒ 4. Article 26

Question ID : 75189710528

Option 1 ID : 75189742109

Option 2 ID : 75189742110

Option 3 ID : 75189742112

Option 4 ID : 75189742111

Status : Answered

Chosen Option : 1

**Q.96** Which Indian state celebrates Rongali Bihu, a spring dramatic-cultural festival?

- Ans ☒ 1. Tripura  
☒ 2. Meghalaya  
☒ 3. West Bengal  
☒ 4. Assam

Question ID : 75189714040

Option 1 ID : 75189756160

Option 2 ID : 75189756158

Option 3 ID : 75189756159

Option 4 ID : 75189756157

Status : Answered

Chosen Option : 4

**Q.97** What is the position of zinc in the Modern Periodic Table?

- Ans ☒ 1. Group 12, Period 3  
☒ 2. Group 11, Period 4  
☒ 3. Group 12, Period 4  
☒ 4. Group 11, Period 3

Question ID : 75189715039

Option 1 ID : 75189760154

Option 2 ID : 75189760155

Option 3 ID : 75189760156

Option 4 ID : 75189760153

Status : Not Attempted and  
Marked For Review

Chosen Option : --

**Q.98** Refer to the following letter, number, symbol series and answer the question.

(Left) S Q 8 J & L N 9 % \* K T # 6 2 V 4 @ 5 Z 7 (Right)

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

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

Question ID : 75189715173

Option 1 ID : 75189760692

Option 2 ID : 75189760689

Option 3 ID : 75189760691

Option 4 ID : 75189760690

Status : Answered

Chosen Option : 1

**Q.99** Nandadevi Biosphere Reserve is located in:

- Ans
- ☐ 1. Sikkim
  - ☒ 2. Uttarakhand
  - ☐ 3. Ladakh
  - ☐ 4. Himachal Pradesh

Question ID : 75189715465

Option 1 ID : 75189761859

Option 2 ID : 75189761860

Option 3 ID : 75189761857

Option 4 ID : 75189761858

Status : Answered

Chosen Option : 2

**Q.100** The Narmada or Nerbudda is a river in central India that empties into the Arabian Sea in the state of \_\_\_\_\_.

- Ans
- ☐ 1. Rajasthan
  - ☐ 2. Maharashtra
  - ☒ 3. Gujarat
  - ☐ 4. Karnataka

Question ID : 75189715457

Option 1 ID : 75189761825

Option 2 ID : 75189761826

Option 3 ID : 75189761828

Option 4 ID : 75189761827

Status : Answered

Chosen Option : 3