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Level-1 Posts CEN-02/2018

Participant ID:	282066080270264
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Test Center Name:	iON Digital Zone iDZ Atchutapuram
Test Date:	16/10/2018
Test Time:	4:00 PM - 5:30 PM
Subject:	Level 1

- Options shown in green color with a tick icon are correct
- Chosen option on top right of the question indicates the option selected by the candidate
- The numbers indicated against the Question ID and Option ID are the numbers to be noted and used for raising objections

Q.1 A stone is tied to a spring balance. Under which of the following conditions the reading on spring balance will show the least weight?

Ans ☒ 1.

When the stone is completely submerged in the water in a beaker.

☒ 2. When the stone is on the surface of water taken in a beaker.

☒ 3. When the stone is suspended in air.

☒ 4.

When the stone is partially submerged in the water in a beaker.

Question ID : 6913524156

Option 1 ID : 69135216624

Option 2 ID : 69135216622

Option 3 ID : 69135216621

Option 4 ID : 69135216623

Status : Answered

Chosen Option : 2

Q.2 The square roots of how many factors of 2250 will be natural numbers?

Ans ☒ 1. 6

☒ 2. 5

☒ 3. 15

☒ 4. 4

Question ID : 6913524108

Option 1 ID : 69135216430

Option 2 ID : 69135216431

Option 3 ID : 69135216429

Option 4 ID : 69135216432

Status : Not Answered

Chosen Option : --

Q.3 Who is the first Indian female cricketer to score 2000 runs in T20 International Cricket?

Ans ☒ 1. Harmanpreet Kaur

☒ 2. Mithali Raj

☒ 3. Smriti Mandhana

Question ID : 6913524183
Option 1 ID : 69135216729
Option 2 ID : 69135216730
Option 3 ID : 69135216731
Option 4 ID : 69135216732
Status : Answered
Chosen Option : 2

Q.4 Consider the following question and decide which of the statements is sufficient to answer the question.

Question:

Find the seventh letter in the series (Arithmetic progression)

Statements:

- I. if the first letter in the series is 2.
II. if the common difference in A.P is 3.

- Ans**  1. Only statement I is sufficient
 2. Both statements I and II are sufficient
 3. Either statement I or II is sufficient
 4. Only statement II is sufficient

Question ID : 6913524142
Option 1 ID : 69135216565
Option 2 ID : 69135216568
Option 3 ID : 69135216567
Option 4 ID : 69135216566
Status : Answered
Chosen Option : 2

Q.5 Three or more lines are _____ if and only if all of them pass through the same point.

- Ans**  1. perpendicular
 2. parallel
 3. collinear
 4. concurrent

Question ID : 6913524124
Option 1 ID : 69135216495
Option 2 ID : 69135216496
Option 3 ID : 69135216493
Option 4 ID : 69135216494
Status : Answered
Chosen Option : 4

Q.6 When a 50 decimeter long ladder is placed with the wall, it reaches upto the window only. If the window is 48 decimeter up from the land, then find out the distance of the lower face of the ladder from the wall.

- Ans**  1. 12 decimeter
 2. 14 decimeter
 3. 10 decimeter
 4. 11 decimeter

Question ID : 6913524117
Option 1 ID : 69135216465
Option 2 ID : 69135216466
Option 3 ID : 69135216467

Option 4 ID : 69135216468
Status : Answered
Chosen Option : 2

Q.7 Which of the following statements is true?

Ans ☒ 1.

The Mass and Weight of the body remain the same in different places.

☒ 2.

The Mass of a body remains same while the Weight changes from place to place.

☒ 3. The Mass and weight of a body change from place to place.

☒ 4.

The Mass of a body changes from place to place while the Weight remains the same.

Question ID : 6913524157
Option 1 ID : 69135216625
Option 2 ID : 69135216627
Option 3 ID : 69135216628
Option 4 ID : 69135216626
Status : Answered
Chosen Option : 2

Q.8 Which of the following can neither be created nor be destroyed?

Ans ☒ 1. Energy

☒ 2. Force

☒ 3. Momentum

☒ 4. Power

Question ID : 6913524162
Option 1 ID : 69135216647
Option 2 ID : 69135216645
Option 3 ID : 69135216646
Option 4 ID : 69135216648
Status : Answered
Chosen Option : 1

Q.9 A $8\ \Omega$ resistance wire is doubled on it. Calculate the new resistance of the wire.

Ans ☒ 1. $1.5\ \Omega$

☒ 2. $2.00\ \Omega$

☒ 3. $1.00\ \Omega$

☒ 4. $1.25\ \Omega$

Question ID : 6913524166
Option 1 ID : 69135216664
Option 2 ID : 69135216661
Option 3 ID : 69135216662
Option 4 ID : 69135216663
Status : Answered
Chosen Option : 2

Q.10 Sultanpur National Park is in _____.

Ans ☒ 1. Rajasthan

☒ 2. Delhi

☒ 3. Haryana

✗ 4. Punjab

Question ID : 6913524196

Option 1 ID : 69135216781

Option 2 ID : 69135216782

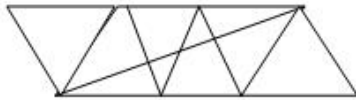
Option 3 ID : 69135216784

Option 4 ID : 69135216783

Status : Answered

Chosen Option : 2

Q.1
1 How many triangles are present in the given figure?



- Ans
- ✗ 1. 8
 - ✗ 2. 6
 - ✓ 3. 18
 - ✗ 4. 10

Question ID : 6913524151

Option 1 ID : 69135216603

Option 2 ID : 69135216604

Option 3 ID : 69135216602

Option 4 ID : 69135216601

Status : Not Answered

Chosen Option : --

Q.1
2 Who is the Chief Editor of the news channel Times Now?

- Ans
- ✓ 1. Rahul Shivshankar
 - ✗ 2. Arnab Goswami
 - ✗ 3. Ravish Kumar
 - ✗ 4. Sonia Singh

Question ID : 6913524188

Option 1 ID : 69135216750

Option 2 ID : 69135216752

Option 3 ID : 69135216749

Option 4 ID : 69135216751

Status : Answered

Chosen Option : 1

Q.1
3 Jayant covers a certain distance in $2\frac{1}{2}$ hours at a speed of 54 km/h. How much time will Prabhu take to cover the same distance at a speed of 72 km/h?

- Ans
- ✗ 1. $2\frac{1}{2}$ hours
 - ✗ 2. $2\frac{1}{5}$ hours
 - ✓ 3. $1\frac{7}{8}$ hours
 - ✗ 4. 3 hours

Question ID : 6913524114

Option 1 ID : 69135216454

Option 2 ID : 69135216456

Option 3 ID : 69135216455
Option 4 ID : 69135216453
Status : Answered
Chosen Option : 3

Q.1
4 16, 32, 64, 128,The sum of first 10 numbers in the series is:

- Ans
- ☒ 1. 16386
 - ☒ 2. 16638
 - ☒ 3. 16368
 - ☒ 4. 13668

Question ID : 6913524136
Option 1 ID : 69135216541
Option 2 ID : 69135216543
Option 3 ID : 69135216542
Option 4 ID : 69135216544
Status : Answered
Chosen Option : 3

Q.1
5 If in a certain language, TREE is coded as USFF, how will MANGO be coded in that language?

- Ans
- ☒ 1. BHONC
 - ☒ 2. OPHNB
 - ☒ 3. NOPHB
 - ☒ 4. NBOHP

Question ID : 6913524128
Option 1 ID : 69135216510
Option 2 ID : 69135216512
Option 3 ID : 69135216509
Option 4 ID : 69135216511
Status : Answered
Chosen Option : 4

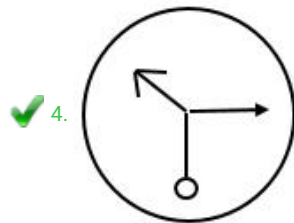
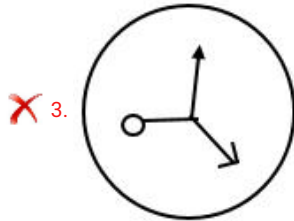
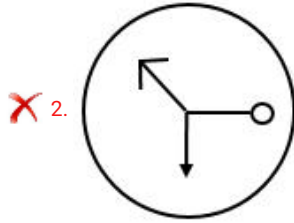
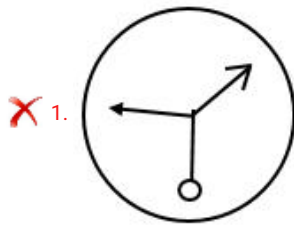
Q.1
6 In which country was the Sano Cricket Curry Festival organised by ICC in 2018?

- Ans
- ☒ 1. Britain
 - ☒ 2. Japan
 - ☒ 3. Australia
 - ☒ 4. Sri Lanka

Question ID : 6913524182
Option 1 ID : 69135216727
Option 2 ID : 69135216725
Option 3 ID : 69135216726
Option 4 ID : 69135216728
Status : Not Answered
Chosen Option : --

Q.1
7 Select the figure that is different from the other three.

Ans



Question ID : 6913524146

Option 1 ID : 69135216581

Option 2 ID : 69135216583

Option 3 ID : 69135216582

Option 4 ID : 69135216584

Status : Answered

Chosen Option : 4

Q.1
8 Motion of a body with constant speed in a circular path is called:

- Ans
- ✗ 1. Circulatory motion
 - ✗ 2. Oscillatory motion
 - ✗ 3. Non-uniform circular motion
 - ✓ 4. Uniform circular motion

Question ID : 6913524158

Option 1 ID : 69135216632

Option 2 ID : 69135216629

Option 3 ID : 69135216630

Option 4 ID : 69135216631

Status : Answered

Chosen Option : 4

Q.1
9 The inner and outer circumference of a circular ring is 22 cm and 44 cm, respectively. What is the thickness of the ring?

- Ans
- ✗ 1. 2.5 cm
 - ✗ 2. 1.5 cm
 - ✗ 3. 5.5 cm
 - ✓ 4. 3.5 cm

Question ID : 6913524120

Option 1 ID : 69135216477

Option 2 ID : 69135216480

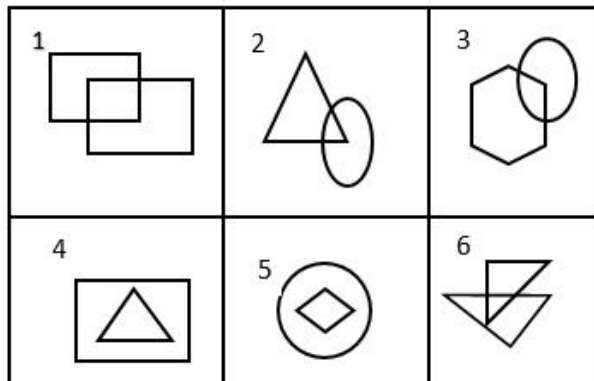
Option 3 ID : 69135216479

Option 4 ID : 69135216478

Status : Answered

Chosen Option : 4

Q.2 Select the option that groups together the following figures logically.



Ans 1. 1, 2; 3, 4; 5, 6

2. 1, 6; 2, 5; 3, 4

3. 1, 5; 2, 6; 3, 4

4. 1, 4; 2, 5; 3, 6

Note: For this question, discrepancy is found in question/answer. So, This question is ignored for all candidates.

Question ID : 6913524144

Option 1 ID : 69135216573

Option 2 ID : 69135216576

Option 3 ID : 69135216575

Option 4 ID : 69135216574

Status : Not Answered

Chosen Option : --

Q.2 Consider the following statements to be true even if they seem to be at variance from commonly known facts and decide which of the conclusions logically follows from the statements.

Statement:

- Some spoons are glasses.
- All the plates are glasses.

Conclusions:

1. Some glasses are plates.
2. Some glasses are spoons.

Ans ☒ 1. Only conclusion 1 follows

☒ 2. Neither conclusion 1 nor 2 follows

☒ 3. Both conclusions 1 and 2 follow

☒ 4. Only conclusion 2 follows

Question ID : 6913524130

Option 1 ID : 69135216517

Option 2 ID : 69135216519

Option 3 ID : 69135216520

Option 4 ID : 69135216518

Status : Answered

Q.2
2 The forces between two bodies are always:

- Ans
- ☒ 1. isolated forces
 - ☒ 2. unequal and in the opposite direction
 - ☒ 3. equal and in the same direction
 - ☒ 4. equal and in the opposite direction

Question ID : 6913524159

Option 1 ID : 69135216633

Option 2 ID : 69135216636

Option 3 ID : 69135216634

Option 4 ID : 69135216635

Status : Not Attempted and Marked For Review

Chosen Option : --

Q.2
3 A girl is observing a bird sitting at a height of 500 m from the ground. The angle of elevation of the bird from the girl's eyes is 45° at the initial position. After some time, the girl moves on the ground towards the bird by 50 m and bird flies away from her. At this point, the angle of elevation reduces to 30° . Find the distance travelled by the bird. Take $\sqrt{3} = 1.73$.

- Ans
- ☒ 1. 415 m
 - ☒ 2. 915 m
 - ☒ 3. 315 m
 - ☒ 4. 365 m

Question ID : 6913524125

Option 1 ID : 69135216500

Option 2 ID : 69135216497

Option 3 ID : 69135216498

Option 4 ID : 69135216499

Status : Answered

Chosen Option : 1

Q.2
4 Select the option that is related to the third term in the same way as the second term is related to the first term:

Deep : Swallow : : Best : _____

- Ans
- 1. Meagre
 - 2. Good
 - 3. Better
 - 4. Worst

Note: For this question, discrepancy is found in question/answer. So, This question is ignored for all candidates.

Question ID : 6913524127

Option 1 ID : 69135216506

Option 2 ID : 69135216508

Option 3 ID : 69135216505

Option 4 ID : 69135216507

Status : Not Attempted and Marked For Review

Chosen Option : --

Q.2
5 Which of the following newspaper was written by Lokamanya Tilak during Indian National movement?

- Ans
- ☒ 1. Yugantar
 - ☒ 2. Bengalee
 - ☒ 3. Kesari

 4. Amrit bazaar patrika

Question ID : 6913524186

Option 1 ID : 69135216741

Option 2 ID : 69135216742

Option 3 ID : 69135216743

Option 4 ID : 69135216744

Status : Marked For Review

Chosen Option : 3

Q.2
6 Find the LCM of 63 and 140.

Ans

 1. 63

 2. 14

 3. 126

 4. 1260

Question ID : 6913524104

Option 1 ID : 69135216415

Option 2 ID : 69135216413

Option 3 ID : 69135216416

Option 4 ID : 69135216414

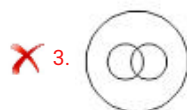
Status : Answered

Chosen Option : 4

Q.2
7 Identify the Venn diagram that best represents the following classes:

Grapes, Pineapples, Fruits:

Ans



Question ID : 6913524152

Option 1 ID : 69135216606

Option 2 ID : 69135216605

Option 3 ID : 69135216607

Option 4 ID : 69135216608

Status : Answered

Chosen Option : 1

Q.2
8 Pabitra had $19\frac{2}{7}$ l of petrol in the fuel tank of his vehicle at the start of a journey. During the journey, $13\frac{1}{2}$ l of petrol was consumed. What fraction of the initial petrol was left in the fuel tank after the journey?

Ans

 1. $\frac{11}{40}$

 2. $\frac{3}{10}$

☒ 3. $\frac{3}{5}$

☒ 4. $\frac{7}{10}$

Question ID : 6913524107

Option 1 ID : 69135216425

Option 2 ID : 69135216426

Option 3 ID : 69135216427

Option 4 ID : 69135216428

Status : Answered

Chosen Option : 2

Q.2
9 Read the following table carefully and answer the question given below:

Classification of 100 students based on the marks obtained by them in Mathematics and Science in an Engineering Entrance Examination

Mark out of 50 Subject	40 and above	30 and above	20 and above	10 and above	0 and above
Maths	23	26	70	90	100
Science	15	36	75	95	100
(Aggregate) Average	19	31	80	93	100

The number of students scoring less than 60% marks aggregate is:

Ans ☒ 1. 69

☒ 2. 65

☒ 3. 50

☒ 4. 27

Question ID : 6913524143

Option 1 ID : 69135216571

Option 2 ID : 69135216570

Option 3 ID : 69135216572

Option 4 ID : 69135216569

Status : Not Answered

Chosen Option : --

Q.3
0 An ultrasonic sound wave has a frequency higher than:

Ans ☒ 1. 20 Hz

☒ 2. 200 Hz

☒ 3. 20000 Hz

☒ 4. 2000 Hz

Question ID : 6913524164

Option 1 ID : 69135216653

Option 2 ID : 69135216655

Option 3 ID : 69135216654

Option 4 ID : 69135216656

Q.3
1 Which of the following sets are the best insulators?

- Ans
- ☒ 1. Rubber, glass, plastics, ebonite, cotton, copper
 - ☒ 2. Silver, copper, gold, iron
 - ☒ 3. Bakelite, dry air, paper, ebonite, aluminium
 - ☒ 4. Plastics, ebonite, paper, cotton, Bakelite, dry air, rubber

Question ID : **6913524165**

Option 1 ID : **69135216657**

Option 2 ID : **69135216659**

Option 3 ID : **69135216660**

Option 4 ID : **69135216658**

Status : **Answered**

Chosen Option : **4**

Q.3
2 A table costing ₹ 750 was sold at 4% loss. Find out the selling price of the table.

- Ans
- ☒ 1. ₹ 720
 - ☒ 2. ₹ 745
 - ☒ 3. ₹ 730
 - ☒ 4. ₹ 780

Question ID : **6913524112**

Option 1 ID : **69135216446**

Option 2 ID : **69135216445**

Option 3 ID : **69135216448**

Option 4 ID : **69135216447**

Status : **Answered**

Chosen Option : **1**

Q.3
3 Solve the below equation.

$$\frac{1+2}{1+\frac{2}{(1+\frac{1}{3})}} = ?$$

- Ans
- ☒ 1. $\frac{9}{4}$
 - ☒ 2. $\frac{21}{5}$
 - ☒ 3. $\frac{6}{5}$
 - ☒ 4. $\frac{21}{4}$

Question ID : **6913524105**

Option 1 ID : **69135216418**

Option 2 ID : **69135216419**

Option 3 ID : **69135216417**

Option 4 ID : **69135216420**

Status : **Answered**

Chosen Option : **3**

Q.3
4 Identify the equation of the line with slope = -4 and y-intercept = 2.

Ans

✓ 1. $2x + \frac{y}{2} = 1$

✗ 2. $2x + \frac{y}{3} = 1$

✗ 3. $2x + y = 1$

✗ 4. $2x + \frac{y}{4} = 1$

Question ID : 6913524121

Option 1 ID : 69135216482

Option 2 ID : 69135216483

Option 3 ID : 69135216481

Option 4 ID : 69135216484

Status : Answered

Chosen Option : 1

Q.3
5 Who among the following conducts the Oath of Office for the President of India?

Ans

✗ 1. The Prime Minister of India

✗ 2. The Attorney General of India

✓ 3. The Chief Justice of India

✗ 4. The Vice President of India

Question ID : 6913524193

Option 1 ID : 69135216769

Option 2 ID : 69135216772

Option 3 ID : 69135216771

Option 4 ID : 69135216770

Status : Answered

Chosen Option : 3

Q.3
6 Read the given statement(s) and conclusion carefully and select which of the options is possible.

Statement:

1. Nitrogen is a gas.

2. This chamber has gas.

Conclusion:

This chamber contains nitrogen gas.

Ans

✗ 1. True

✗ 2. False

✓ 3. Probably true or false

✗ 4. Definitely false

Question ID : 6913524132

Option 1 ID : 69135216525

Option 2 ID : 69135216526

Option 3 ID : 69135216527

Option 4 ID : 69135216528

Status : Answered

Chosen Option : 3

Q.3
7 The value of $(-45 + 7 \times 23 - (247 \div 13) - 11) \div 2$ is:

Ans

✗ 1. 86

✗ 2. -14

✗ 3. -47

✓ 4. 43

Question ID : 6913524102

Option 1 ID : 69135216406

Option 2 ID : 69135216407

Option 3 ID : 69135216408

Option 4 ID : 69135216405

Status : Answered

Chosen Option : 4

Q.3
8 Solve the following equation:

$$\frac{3^2 - 8^2}{(3+8)^2} = ?$$

Ans

✗ 1. $\frac{5}{11}$

✗ 2. $\frac{-3}{11}$

✗ 3. $\frac{3}{11}$

✓ 4. $\frac{-5}{11}$

Question ID : 6913524138

Option 1 ID : 69135216551

Option 2 ID : 69135216550

Option 3 ID : 69135216549

Option 4 ID : 69135216552

Status : Answered

Chosen Option : 4

Q.3
9 The Indian Government launched which scheme that aims to reduce expenditure by patients on treatment of cancer and cardiovascular diseases to make health care affordable for needy?

Ans ✗ 1. AYUSH(Assuring Your Ultimate Security and Health)

✗ 2. PADMA (Proper and Due Medical Assistance)

✓ 3.

AMRIT (Affordable Medicine and Reliable Implants for Treatment)

✗ 4. MAARC (Medical Assistance At Reduced Cost)

Question ID : 6913524192

Option 1 ID : 69135216767

Option 2 ID : 69135216766

Option 3 ID : 69135216768

Option 4 ID : 69135216765

Status : Marked For Review

Chosen Option : 1

Q.4
0 Pipes A, B and C together can fill a tank in 4 hours. Pipes A and B together can fill the tank in 9 hours. If pipes A, B and C are opened simultaneously, and after 3 hours, pipes A and B are closed, then how many hours will C alone require to fill the tank?

Ans ✗ 1. 1.5

✓ 2. 1.8

✗ 3. 2

✗ 4. 2.25

Question ID : 6913524119

Option 1 ID : 69135216475

Option 2 ID : 69135216476

Option 3 ID : 69135216473

Option 4 ID : 69135216474

Status : Answered

Chosen Option : 2

Q.4 Which of the following is an example of a metal that needs to be stored under oil?

1

- Ans
- ☒ 1. Iron
 - ☒ 2. Gold
 - ☒ 3. Silver
 - ☒ 4. Potassium

Question ID : 6913524173

Option 1 ID : 69135216691

Option 2 ID : 69135216689

Option 3 ID : 69135216692

Option 4 ID : 69135216690

Status : Answered

Chosen Option : 4

Q.4 Read the given statement and choose which argument is strong.

2

Statement:

Playing outdoor games is better than being on a computer or playing mobile games.

Argument:

I: Yes, playing outdoor games keeps children physically and mentally fit.

II: No, computer or mobile games are more entertaining than outdoor games.

- Ans
- ☒ 1. Only argument 1 is strong
 - ☒ 2. Only argument 2 is strong
 - ☒ 3. Both arguments I and II are strong
 - ☒ 4. Neither argument I nor II is strong

Question ID : 6913524134

Option 1 ID : 69135216533

Option 2 ID : 69135216534

Option 3 ID : 69135216535

Option 4 ID : 69135216536

Status : Answered

Chosen Option : 1

Q.4 'A Billion Dreams' is a 2017 Indian docudrama-biographical film based on the life of which Indian cricketer?

3

- Ans
- ☒ 1. Virat Kohli
 - ☒ 2. Sunil Gavaskar
 - ☒ 3. Sachin Tendulkar
 - ☒ 4. M. S. Dhoni

Question ID : 6913524185

Option 1 ID : 69135216738

Option 2 ID : 69135216737

Option 3 ID : 69135216740
Option 4 ID : 69135216739
Status : Answered
Chosen Option : 3

Q.4
4 The ratio of two numbers is 5 : 6 and their LCM is 150. Find the sum of the two numbers.

- Ans
- ☒ 1. 50
 - ☒ 2. 55
 - ☒ 3. 60
 - ☒ 4. 54

Question ID : 6913524103
Option 1 ID : 69135216412
Option 2 ID : 69135216411
Option 3 ID : 69135216410
Option 4 ID : 69135216409
Status : Answered
Chosen Option : 2

Q.4
5 Which of the following can undergo sublimation?

- Ans
- ☒ 1. Ammonium chloride
 - ☒ 2. Ammonium sulphate
 - ☒ 3. Ammonium phosphate
 - ☒ 4. Ammonium chlorate

Question ID : 6913524168
Option 1 ID : 69135216671
Option 2 ID : 69135216669
Option 3 ID : 69135216672
Option 4 ID : 69135216670
Status : Not Answered
Chosen Option : --

Q.4
6 If Raj drives faster by 10 km/h, he reaches his village 90 minutes early. If he drives slower by 10 km/h, he reaches the village 150 minutes late. Find the distance he travels.

- Ans
- ☒ 1. 300 km
 - ☒ 2. 600 km
 - ☒ 3. 500 km
 - ☒ 4. 400 km

Question ID : 6913524115
Option 1 ID : 69135216457
Option 2 ID : 69135216460
Option 3 ID : 69135216458
Option 4 ID : 69135216459
Status : Not Answered
Chosen Option : --

Q.4
7 In 1781, Warren Hastings, the first Governor-General of India set up a Madarssa in _____ for the study and teaching of Muslim law.

- Ans
- ☒ 1. Bombay
 - ☒ 2. Calcutta
 - ☒ 3. Bihar
 - ☒ 4. Delhi

Question ID : 6913524195

Option 1 ID : 69135216779

Option 2 ID : 69135216778

Option 3 ID : 69135216780

Option 4 ID : 69135216777

Status : Answered

Chosen Option : 1

Q.4 When two equal forces are acting on a body and opposite in direction, the net force acting on a body becomes ____.

8

Ans ☒ 1. zero

☒ 2. four times

☒ 3. two times

☒ 4. three times

Question ID : 6913524161

Option 1 ID : 69135216644

Option 2 ID : 69135216643

Option 3 ID : 69135216641

Option 4 ID : 69135216642

Status : Answered

Chosen Option : 1

Q.4 4 boys visit a garden after every 3, 5, 2 and 6 days, respectively. How many times in a year will they visit the garden on the same day? Consider counting is done from the start of the year.

9

Ans ☒ 1. 12

☒ 2. 13

☒ 3. 11

☒ 4. 14

Question ID : 6913524101

Option 1 ID : 69135216401

Option 2 ID : 69135216402

Option 3 ID : 69135216403

Option 4 ID : 69135216404

Status : Answered

Chosen Option : 1

Q.5 The aim of Setu Bharatam Programme of Government of India is:

0

Ans ☒ 1. To build bridges that connect coastal areas

☒ 2. To build bridges on national highways

☒ 3.

To build bridges across rivers and seas for transportation of goods

☒ 4. To build bridges in rural areas

Question ID : 6913524200

Option 1 ID : 69135216800

Option 2 ID : 69135216798

Option 3 ID : 69135216797

Option 4 ID : 69135216799

Status : Not Answered

Chosen Option : --

Q.5 The distance between two places A and B is 245 km. Two cars, one from A and the other from B, start at the same time, travelling towards each other. If one car travels at a speed of 40 km/h and the other at 30 km/h, after how many hours will they meet?

1

Ans

☒ 1. $2\frac{3}{4}$ hours

☒ 2. $3\frac{1}{2}$ hours

☒ 3. 3 hours

☒ 4. 2 hours

Question ID : 6913524113

Option 1 ID : 69135216451

Option 2 ID : 69135216450

Option 3 ID : 69135216452

Option 4 ID : 69135216449

Status : Answered

Chosen Option : 2

Q.5 The Emmy Awards, seen in the news, are presented for excellence in which of the following fields?
2

Ans

☒ 1. Music

☒ 2. Literature

☒ 3. Cinema

☒ 4. Television industry

Question ID : 6913524189

Option 1 ID : 69135216753

Option 2 ID : 69135216756

Option 3 ID : 69135216755

Option 4 ID : 69135216754

Status : Answered

Chosen Option : 4

Q.5 Barometer is related to Pressure, in the same way as Seismograph is related to _____.
3

Ans

☒ 1. Earthquake

☒ 2. Humidity

☒ 3. Temperature

☒ 4. Flood

Question ID : 6913524126

Option 1 ID : 69135216504

Option 2 ID : 69135216502

Option 3 ID : 69135216501

Option 4 ID : 69135216503

Status : Answered

Chosen Option : 1

Q.5 Given below is a statement followed by two assumptions numbered I and II. You have to consider the statement and the following assumptions and decide which of the assumptions is implicit in the statement.
4

Statements:

I like to cook food. I want to become a chef.

Assumption:

1. I am a chef.

2. I am not a chef.

Ans

☒ 1. Both assumptions 1 and 2 are implicit

☒ 2. Only assumption 2 is implicit

- ☒ 3. Only assumption 1 is implicit
- ☒ 4. Either assumption 1 or 2 is implicit

Question ID : 6913524135
Option 1 ID : 69135216539
Option 2 ID : 69135216538
Option 3 ID : 69135216537
Option 4 ID : 69135216540
Status : Answered
Chosen Option : 2

Q.5
5 The 4th and 5th periods contain:

- Ans ☒ 1. 11 elements
- ☒ 2. 18 elements
- ☒ 3. 9 elements
- ☒ 4. 8 elements

Question ID : 6913524174
Option 1 ID : 69135216695
Option 2 ID : 69135216693
Option 3 ID : 69135216696
Option 4 ID : 69135216694
Status : Answered
Chosen Option : 2

Q.5
6 Deen Dayal Upadhyaya Antyodaya Yojana is also known as:

- Ans ☒ 1. National Urban Livelihood Mission
- ☒ 2. National Rural Health Mission
- ☒ 3. National Rural Livelihood Mission
- ☒ 4. National Urban Health Mission

Question ID : 6913524199
Option 1 ID : 69135216795
Option 2 ID : 69135216793
Option 3 ID : 69135216796
Option 4 ID : 69135216794
Status : Answered
Chosen Option : 3

Q.5
7 Read the given question and decide which of the following statements is/are sufficient to answer the question.

Question:

Which word represents 'give' in the code language?

Statements:

1. 'Give me some tea' is written as 'De min to te'.
2. 'Please give' is written as 'Plea de'.

- Ans ☒ 1. Statement 1 alone is sufficient.
- ☒ 2. Statement 2 alone is sufficient.
- ☒ 3. Statements 1 and 2 together are sufficient.
- ☒ 4. Statements 1 and 2 together are insufficient.

Question ID : 6913524141
Option 1 ID : 69135216561

Option 2 ID : 69135216563
Option 3 ID : 69135216562
Option 4 ID : 69135216564
Status : Answered
Chosen Option : 3

Q.5
8 Rani Lakshmi Bai died in the year _____ while fighting the British.

- Ans
- ☒ 1. 1859
 - ☒ 2. 1856
 - ☒ 3. 1858
 - ☒ 4. 1857

Question ID : 6913524194
Option 1 ID : 69135216776
Option 2 ID : 69135216773
Option 3 ID : 69135216775
Option 4 ID : 69135216774
Status : Not Answered
Chosen Option : --

Q.5
9 Fibers are absent in:

- Ans
- ☒ 1. Liver
 - ☒ 2. Heart
 - ☒ 3. Kidney
 - ☒ 4. Blood

Question ID : 6913524177
Option 1 ID : 69135216707
Option 2 ID : 69135216708
Option 3 ID : 69135216705
Option 4 ID : 69135216706
Status : Not Answered
Chosen Option : --

Q.6
0 ₹ 775, invested for 6 years gives an interest of ₹ 372. The rate of simple interest per annum is:

- Ans
- ☒ 1. 7.5 %
 - ☒ 2. 9 %
 - ☒ 3. 8 %
 - ☒ 4. 7 %

Question ID : 6913524110
Option 1 ID : 69135216438
Option 2 ID : 69135216439
Option 3 ID : 69135216437
Option 4 ID : 69135216440
Status : Answered
Chosen Option : 3

Q.6
1 Solve the following equation:

$$11 \div 3 + \frac{1}{9} - 5 \times 6 \left(1 \times \frac{1}{6}\right) = ?$$

- Ans
- ☒ 1. $-\frac{11}{9}$

☒ 2. $\frac{11}{9}$

☒ 3. $\frac{11}{8}$

☒ 4. $\frac{-1}{9}$

Question ID : 6913524137

Option 1 ID : 69135216548

Option 2 ID : 69135216547

Option 3 ID : 69135216546

Option 4 ID : 69135216545

Status : Answered

Chosen Option : 1

Q.6 The political party that won the majority of seats in 2017 Uttarakhand Legislative Assembly Elections is _____.
2

- Ans
- ☒ 1. SP
 - ☒ 2. BJP
 - ☒ 3. RPI
 - ☒ 4. BSP

Question ID : 6913524190

Option 1 ID : 69135216759

Option 2 ID : 69135216757

Option 3 ID : 69135216760

Option 4 ID : 69135216758

Status : Not Answered

Chosen Option : --

Q.6 Coming out of her house, Anya crossed a road. On reaching the other side of the road, she took a left turn and walked
3 straight. If she is now in West, which direction was she facing before crossing the road?

- Ans
- ☒ 1. North
 - ☒ 2. East
 - ☒ 3. South
 - ☒ 4. West

Question ID : 6913524153

Option 1 ID : 69135216610

Option 2 ID : 69135216609

Option 3 ID : 69135216612

Option 4 ID : 69135216611

Status : Answered

Chosen Option : 1

Q.6 What is mixing an acid with water that results in a decrease in the concentration of ions per unit volume called?
4

- Ans
- ☒ 1. Concentration
 - ☒ 2. Acidification
 - ☒ 3. Neutralisation
 - ☒ 4. Dilution

Question ID : 6913524171

Option 1 ID : 69135216683

Option 2 ID : 69135216682

Option 3 ID : 69135216681

Option 4 ID : 69135216684

Status : Answered

Q.6
5 Complete the number series by choosing the correct options.

1, 8, 27, 64, _____, _____, 343, _____, 729.

- Ans
- ☒ 1. 125, 262, 515
 - ☒ 2. 125, 216, 512
 - ☒ 3. 125, 213, 510
 - ☒ 4. 145, 261, 512

Question ID : 6913524139
 Option 1 ID : 69135216555
 Option 2 ID : 69135216553
 Option 3 ID : 69135216556
 Option 4 ID : 69135216554
 Status : Answered
 Chosen Option : 2

Q.6
6 What does the KUSUM Scheme promote?

- Ans
- ☒ 1. Solar farming
 - ☒ 2. Solar lighting in industries
 - ☒ 3. Solar heating in homes
 - ☒ 4. Solar-powered transport

Question ID : 6913524191
 Option 1 ID : 69135216764
 Option 2 ID : 69135216762
 Option 3 ID : 69135216763
 Option 4 ID : 69135216761
 Status : Answered
 Chosen Option : 1

Q.6
7 The supplement of an angle is 15° more than three times its complement. The measure of the angle is:

- Ans
- ☒ 1. 57.5°
 - ☒ 2. 65°
 - ☒ 3. 52.5°
 - ☒ 4. 72.5°

Question ID : 6913524123
 Option 1 ID : 69135216491
 Option 2 ID : 69135216489
 Option 3 ID : 69135216492
 Option 4 ID : 69135216490
 Status : Not Answered
 Chosen Option : --

Q.6
8 The atmospheric pressure at sea level is _____ atm.

- Ans
- ☒ 1. 0.1
 - ☒ 2. 0.001
 - ☒ 3. 1
 - ☒ 4. 0

Question ID : 6913524167
Option 1 ID : 69135216667
Option 2 ID : 69135216668
Option 3 ID : 69135216666
Option 4 ID : 69135216665
Status : Answered
Chosen Option : 2

Q.6 9 Which among the following players was awarded Padma Shri in 2017 for his/her contribution to Indian sports?

- Ans
- ☒ 1. Devendra Jhajharia
 - ☒ 2. Bhupendra Singh
 - ☒ 3. Sekhar Naik
 - ☒ 4. Brij Bhushan Mohanty

Question ID : 6913524181
Option 1 ID : 69135216723
Option 2 ID : 69135216721
Option 3 ID : 69135216722
Option 4 ID : 69135216724
Status : Answered
Chosen Option : 1

Q.7 0 Which of the following statements is true?

- Ans
- ☒ 1. Oxygen diffuses from lungs into blood and carbon monoxide diffuses from blood into lungs.
 - ☒ 2. Carbon dioxide diffuses from lungs into blood and oxygen diffuses from blood into lungs.
 - ☒ 3. Carbon monoxide diffuses from lungs into blood and oxygen diffuses from blood into lungs.
 - ☒ 4. Oxygen diffuses from lungs into blood and carbon dioxide diffuses from blood into lungs.

Question ID : 6913524169
Option 1 ID : 69135216674
Option 2 ID : 69135216673
Option 3 ID : 69135216676
Option 4 ID : 69135216675
Status : Answered
Chosen Option : 4

Q.7 1 The organs that have different basic structure (or different basic design) but have similar appearance and perform similar functions are called:

- Ans
- ☒ 1. fossils
 - ☒ 2. homologous organs
 - ☒ 3. analogous organs
 - ☒ 4. biogenetic law

Question ID : 6913524180
Option 1 ID : 69135216718
Option 2 ID : 69135216717
Option 3 ID : 69135216720
Option 4 ID : 69135216719
Status : Answered
Chosen Option : 3

Q.7
2 Read the given statement and choose which argument is strong.

Statement:

Watching cartoon movies is better than reading books.

Arguments:

- I. Yes, watching cartoon movies is entertaining.
- II. No, reading books inculcates love of knowledge and reading habit in children.

- Ans
- ☒ 1. Neither argument I nor II is strong
 - ☒ 2. Only argument I is strong
 - ☒ 3. Only argument II is strong
 - ☒ 4. Both arguments I and II are strong

Question ID : 6913524133

Option 1 ID : 69135216532

Option 2 ID : 69135216529

Option 3 ID : 69135216530

Option 4 ID : 69135216531

Status : Not Answered

Chosen Option : --

Q.7
3 In the context of Indian economy, which of the following is a subject under the primary sector?

- Ans
- ☒ 1. Banking
 - ☒ 2. Education
 - ☒ 3. Health
 - ☒ 4. Agriculture

Question ID : 6913524198

Option 1 ID : 69135216789

Option 2 ID : 69135216792

Option 3 ID : 69135216790

Option 4 ID : 69135216791

Status : Answered

Chosen Option : 1

Q.7
4 Consider the following statements.

- 1. Mode can be computed from histogram
- 2. Median is not independent of change of scale
- 3. Variance is independent of change of origin and scale

Which of these is/are correct?

- Ans
- ☒ 1. Only (1) and (2)
 - ☒ 2. Only (1)
 - ☒ 3. All (1), (2) and (3)
 - ☒ 4. Only (2)

Question ID : 6913524122

Option 1 ID : 69135216487
Option 2 ID : 69135216485
Option 3 ID : 69135216488
Option 4 ID : 69135216486
Status : Not Answered
Chosen Option : --

Q.7
5 The reproductive parts of angiosperms are located in the:

- Ans
- ☒ 1. leaves
 - ☒ 2. roots
 - ☒ 3. stems
 - ☒ 4. flowers

Question ID : 6913524179
Option 1 ID : 69135216716
Option 2 ID : 69135216713
Option 3 ID : 69135216714
Option 4 ID : 69135216715
Status : Answered
Chosen Option : 1

Q.7
6 Select the best option to fill in the blank:

STAR : 1920118, MARS : 1311819, PARK: _____

- Ans
- ☒ 1. 1712812
 - ☒ 2. 1611811
 - ☒ 3. 1811611
 - ☒ 4. 1618111

Question ID : 6913524131
Option 1 ID : 69135216522
Option 2 ID : 69135216524
Option 3 ID : 69135216521
Option 4 ID : 69135216523
Status : Answered
Chosen Option : 2

Q.7
7 You are given a question and two statements. Identify which of the statements is/are sufficient to answer the question.

Question:

Find the value of n.

Statements:

I) if $x^2 - nx + 1 = 0$

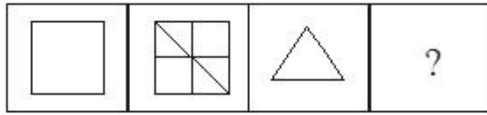
II) If the equation has solution as 'X=1'

- Ans
- ☒ 1. Both I and II are sufficient
 - ☒ 2. Either I or II is sufficient
 - ☒ 3. Only I is sufficient
 - ☒ 4. Only II is sufficient

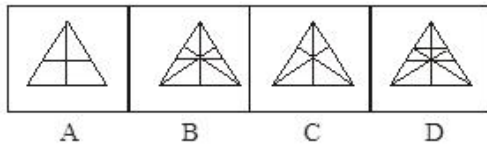
Question ID : 6913524140
Option 1 ID : 69135216560
Option 2 ID : 69135216559
Option 3 ID : 69135216557
Option 4 ID : 69135216558
Status : Answered

Q.7
8 Find the next figure for the given series:

Problem Figures



Answer figures



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

Question ID : 6913524149
Option 1 ID : 69135216596
Option 2 ID : 69135216595
Option 3 ID : 69135216593
Option 4 ID : 69135216594

Status : Answered

Chosen Option : 2

Q.7
9 In how many years will an amount be doubled at 28.75% annual rate of interest?

- Ans
- ☒ 1. 3.90
 - ☒ 2. 3.47
 - ☒ 3. 6.00
 - ☒ 4. 3.00

Question ID : 6913524111
Option 1 ID : 69135216444
Option 2 ID : 69135216441
Option 3 ID : 69135216443
Option 4 ID : 69135216442

Status : Answered

Chosen Option : 2

Q.8
0 What happens when dilute hydrochloric acid is added to iron filings?

- Ans
- ☒ 1. Hydrogen gas and iron chloride are produced
 - ☒ 2. Only chloride are produced
 - ☒ 3. No reaction take place
 - ☒ 4. Only hydrogen gas is produced

Question ID : 6913524170

1 ID : 69135216678

Option 2 ID : 69135216680
Option 3 ID : 69135216677
Option 4 ID : 69135216679
Status : Not Answered
Chosen Option : --

Q.8
1 Which one of the following promotes cell division?

- Ans ☒ 1. Cytokinins
☒ 2. Auxin
☒ 3. Absciscic acid
☒ 4. Gibberellins

Question ID : 6913524178
Option 1 ID : 69135216711
Option 2 ID : 69135216709
Option 3 ID : 69135216712
Option 4 ID : 69135216710
Status : Answered
Chosen Option : 2

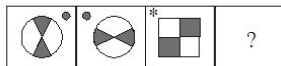
Q.8
2 1 joule / second = ?

- Ans ☒ 1. 1 watt
☒ 2. 1 ohm
☒ 3. 1 ampere
☒ 4. 1 coulomb

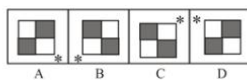
Question ID : 6913524160
Option 1 ID : 69135216637
Option 2 ID : 69135216638
Option 3 ID : 69135216640
Option 4 ID : 69135216639
Status : Answered
Chosen Option : 1

Q.8
3 Study the following pattern and select the figure that relates to the third figure in the same way that the second figure relates to the first figure:

Problem Figures



Answer Figures



- Ans ☒ 1. A
☒ 2. D
☒ 3. B
☒ 4. C

Question ID : 6913524147
Option 1 ID : 69135216585
Option 2 ID : 69135216588
Option 3 ID : 69135216586
Option 4 ID : 69135216587

Status : **Answered**
Chosen Option : **3**

Q.8
4 Periyar National Park is in _____.

- Ans
- ☒ 1. Tamil Nadu
 - ☒ 2. Goa
 - ☒ 3. Karnataka
 - ☒ 4. Kerala

Question ID : **6913524197**
Option 1 ID : **69135216786**
Option 2 ID : **69135216788**
Option 3 ID : **69135216785**
Option 4 ID : **69135216787**
Status : **Answered**
Chosen Option : **4**

Q.8
5 An element having atomic number 17 will resemble which of the following elements having Atomic number as given below?

- Ans
- ☒ 1. 35
 - ☒ 2. 18
 - ☒ 3. 34
 - ☒ 4. 33

Question ID : **6913524175**
Option 1 ID : **69135216697**
Option 2 ID : **69135216699**
Option 3 ID : **69135216698**
Option 4 ID : **69135216700**
Status : **Answered**
Chosen Option : **1**

Q.8
6 Who among the following activists, associated with the Chipko Movement, is a Ramon Magsaysay Award winner?

- Ans
- ☒ 1. Amrita Devi
 - ☒ 2. Sunderlal Bahuguna
 - ☒ 3. Gaura Devi
 - ☒ 4. Chandi Prasad Bhatt

Question ID : **6913524187**
Option 1 ID : **69135216746**
Option 2 ID : **69135216747**
Option 3 ID : **69135216745**
Option 4 ID : **69135216748**
Status : **Answered**
Chosen Option : **2**

Q.8
7 Find the greatest number which is such that when 76, 151, and 226 are divided by it, the remainders are all alike.

- Ans
- ☒ 1. 60
 - ☒ 2. 70
 - ☒ 3. 75
 - ☒ 4. 69

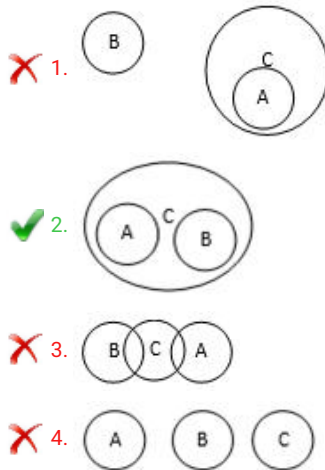
Question ID : **6913524106**
Option 1 ID : **69135216422**

Option 2 ID : 69135216421
Option 3 ID : 69135216424
Option 4 ID : 69135216423
Status : Answered
Chosen Option : 3

Q.8 Which of the following Venn diagrams correctly represents the relationship between the following classes?
8

- A) Electron
- B) Proton
- C) Atom

Ans



Question ID : 6913524150
Option 1 ID : 69135216599
Option 2 ID : 69135216600
Option 3 ID : 69135216598
Option 4 ID : 69135216597
Status : Answered
Chosen Option : 2

Q.8 Find the person who does NOT belong to the group.
9

- Ans
- 1. Rakesh Sharma
 - 2. Kalpana Chawla
 - 3. Sunita Williams
 - 4. Mahendra Singh Dhoni

Question ID : 6913524129
Option 1 ID : 69135216513
Option 2 ID : 69135216514
Option 3 ID : 69135216516
Option 4 ID : 69135216515
Status : Answered
Chosen Option : 4

Q.9 _____ is a true marine fish
0

- Ans
- 1. Jelly fish
 - 2. Star fish
 - 3. Silver fish
 - 4. Dog fish

Question ID : 6913524176
Option 1 ID : 69135216704

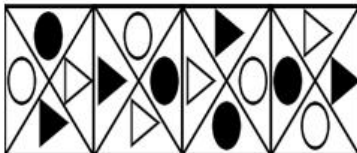
Q.9
1 Select the lateral mirror image of REACH from the given options.

REACH	HCAER	BEVCH	HCEVR
A	B	C	D

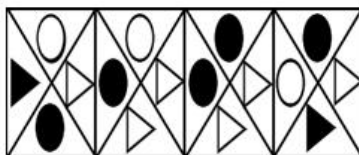
Ans ☒ 1. B
☒ 2. C
☒ 3. A
☒ 4. D

Q.9
2 Select the answer figure that will come next in the given problem figure series.

Problem figures:



Answer figures:



A B C D

Ans ☒ 1. C
☒ 2. A
☒ 3. B
☒ 4. D

Option 4 ID : 69135216580
Status : Answered
Chosen Option : 4

Q.9
3 If 350 marbles are shared between Sita and Savita in the ratio 5 : 9, Savita will get _____ marbles.

- Ans
- ☒ 1. 250
 - ☒ 2. 200
 - ☒ 3. 225
 - ☒ 4. 125

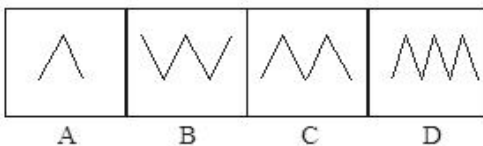
Question ID : 6913524109
Option 1 ID : 69135216435
Option 2 ID : 69135216436
Option 3 ID : 69135216433
Option 4 ID : 69135216434
Status : Answered
Chosen Option : 3

Q.9
4 Which movie won the Oscars for Best Picture in 2017?

- Ans
- ☒ 1. La La Land
 - ☒ 2. Moonlight
 - ☒ 3. Manchester by the Sea
 - ☒ 4. Spotlight

Question ID : 6913524184
Option 1 ID : 69135216733
Option 2 ID : 69135216735
Option 3 ID : 69135216734
Option 4 ID : 69135216736
Status : Answered
Chosen Option : 2

Q.9
5 Find the odd figure out from among the given figures.



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

Question ID : 6913524148
Option 1 ID : 69135216592
Option 2 ID : 69135216590
Option 3 ID : 69135216589
Option 4 ID : 69135216591
Status : Answered
Chosen Option : 2

Q.9
6 Sound is produced by _____.

Ans

- ✓ 1. vibrating objects
- ✗ 2. moving objects
- ✗ 3. talking people
- ✗ 4. swinging bodies

Question ID : 6913524163

Option 1 ID : 69135216651

Option 2 ID : 69135216649

Option 3 ID : 69135216650

Option 4 ID : 69135216652

Status : Answered

Chosen Option : 1

Q.9 Mehek goes for a stroll from her home. She starts walking facing the Sun at 6:00 am in the morning and walks 1 km straight. At a crossroads, she takes a right turn and then walks 1 km. Finally, she takes a U-turn and walks again for 1 km. How far is she from her home?

- Ans
- ✗ 1. 4 km
 - ✗ 2. 2 km
 - ✗ 3. 3 km
 - ✓ 4. 1 km

Question ID : 6913524154

Option 1 ID : 69135216616

Option 2 ID : 69135216614

Option 3 ID : 69135216615

Option 4 ID : 69135216613

Status : Answered

Chosen Option : 4

Q.9 The sides of parallelogram are 12 m and 17 m respectively. If one of the diagonals is 25 m long, the area of parallelogram is:

- Ans
- ✗ 1. $150 m^2$
 - ✓ 2. $180 m^2$
 - ✗ 3. $160 m^2$
 - ✗ 4. $190 m^2$

Question ID : 6913524118

Option 1 ID : 69135216471

Option 2 ID : 69135216469

Option 3 ID : 69135216470

Option 4 ID : 69135216472

Status : Not Answered

Chosen Option : --

Q.9 Which of the following statements is true for metals?

- Ans
- ✓ 1. Metals have 1 to 4 valence electrons in their outermost shell.
 - ✗ 2. Metals have 4 or more valence electrons in their outermost orbit.
 - ✗ 3. Metals have 1 to 3 valence electrons in their outermost orbit.
 - ✗ 4. Metals have 8 valence electrons in their outermost shell.

Question ID : 6913524172

Option 1 ID : 69135216688

Option 2 ID : 69135216685

Option 3 ID : 69135216686

Option 4 ID : 69135216687

Status : Answered

Chosen Option : 3

Q.1 Pipe A can fill an empty cistern in 15 hours while Pipe B takes 25 hours to fill it. Initially Pipe A is left open for some time and then closed and Pipe B is switched on immediately. In all the cistern takes 21 hours to be full. How long was Pipe A open?

- Ans**
- ☒ 1. 3 hours
 - ☒ 2. 9 hours
 - ☒ 3. 6 hours
 - ☒ 4. 7.5 hours

Question ID : 6913524116

Option 1 ID : 69135216461

Option 2 ID : 69135216464

Option 3 ID : 69135216462

Option 4 ID : 69135216463

Status : Answered

Chosen Option : 3



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