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Level-1 Posts CEN-02/2018

Participant ID:	
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Test Center Name:	iON Digital Zone iDZ Kovilambakkam
Test Date:	04/10/2018
Test Time:	9:00 AM - 10:30 AM
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 Who discovered the theory of nuclear forces?

- Ans
- ☒ 1. S. N. Bose
 - ☒ 2. Hideki Hukawa
 - ☐ 3. J.C.Bose
 - ☐ 4. J. J. Thomson

Question ID : 6789131988
 Option 1 ID : 6789137950
 Option 2 ID : 6789137949
 Option 3 ID : 6789137952
 Option 4 ID : 6789137951
 Status : Not Answered
 Chosen Option : --

Q.2 If $\operatorname{cosec}^4 \theta - \operatorname{cosec}^2 \theta = 1.24$, then $\cot^4 \theta + \cot^2 \theta = ?$

- Ans
- ☒ 1. 1.24
 - ☐ 2. 1.86
 - ☐ 3. 2.48
 - ☐ 4. 0.62

Question ID : 6789131923
 Option 1 ID : 6789137690
 Option 2 ID : 6789137691
 Option 3 ID : 6789137692
 Option 4 ID : 6789137689
 Status : Not Answered
 Chosen Option : --

Q.3 Who has won the Padma Sri Award 2018 in the field of Sports (Swimming)?

- Ans
- ☐ 1. Sandeep Sejwal

- ☒ 2. Shikha Tandon
☒ 3. Sajan Prakash
☒ 4. Murlikant Petkar

Question ID : 6789131982

Option 1 ID : 6789137925

Option 2 ID : 6789137928

Option 3 ID : 6789137927

Option 4 ID : 6789137926

Status : Not Answered

Chosen Option : --

Q.4 Identify the avid mountaineer who, in May 2017, became the first woman in the world to scale Mount Everest twice in a season. She also holds the record of fastest double ascent by a woman to the world's highest peak?

Ans ☒ 1. Anshu Jamsenpa

☒ 2. Malavath Purna

☒ 3. Arunima Sinha

☒ 4. Premlata Agrawal

Question ID : 6789131989

Option 1 ID : 6789137955

Option 2 ID : 6789137956

Option 3 ID : 6789137953

Option 4 ID : 6789137954

Status : Not Answered

Chosen Option : --

Q.5 -3, -8, -13, -18, _____ the sum of first 10th term in the sequence is:

Ans ☒ 1. -250

☒ 2. -260

☒ 3. -255

☒ 4. -245

Question ID : 6789131938

Option 1 ID : 6789137750

Option 2 ID : 6789137752

Option 3 ID : 6789137751

Option 4 ID : 6789137749

Status : Answered

Chosen Option : 3

Q.6 The sum of $\frac{5}{12}$ and $\frac{12}{5}$ is:

Ans ☒ 1. $\frac{17}{60}$

☒ 2. $\frac{60}{17}$

☒ 3. $\frac{17}{17}$

✓ 4. $\frac{169}{60}$

Question ID : 6789131901
 Option 1 ID : 6789137601
 Option 2 ID : 6789137602
 Option 3 ID : 6789137604
 Option 4 ID : 6789137603
 Status : Answered
 Chosen Option : 4

Q.7 Sound generated by a single frequency is called _____.

- Ans ✓ 1. tone
 ✗ 2. wavelength
 ✗ 3. amplitude
 ✗ 4. pitch

Question ID : 6789131963
 Option 1 ID : 6789137850
 Option 2 ID : 6789137852
 Option 3 ID : 6789137851
 Option 4 ID : 6789137849
 Status : Answered
 Chosen Option : 4

Q.8 In Mendeleev's periodic table, table _____ appeared before Nickel.

- Ans ✓ 1. Co
 ✗ 2. Rb
 ✗ 3. Mo
 ✗ 4. Sr

Question ID : 6789131974
 Option 1 ID : 6789137895
 Option 2 ID : 6789137893
 Option 3 ID : 6789137896
 Option 4 ID : 6789137894
 Status : Not Answered
 Chosen Option : --

Q.9 A fraction when taken away from $\frac{1}{5}$ gives $\frac{1}{12}$. What is the fraction?

- Ans ✓ 1. $\frac{7}{60}$
 ✗ 2. $\frac{11}{30}$
 ✗ 3. $\frac{5}{12}$
 ✗ 4. $\frac{1}{7}$

Question ID : 6789131902

Option 1 ID : 6789137607

Option 2 ID : 6789137606

Option 3 ID : 6789137608

Option 4 ID : 6789137605

Status : **Answered**

Chosen Option : 1

Q.1 Which two words were added to the Preamble of the Indian Constitution by the 42nd Amendment, in 1976?

- Ans
- ✓ 1. Socialist, Secular
 - ✗ 2. Secular, Fraternity
 - ✗ 3. Democratic, Republic
 - ✗ 4. Justice, Liberty

Question ID : 6789131993

Option 1 ID : 6789137970

Option 2 ID : 6789137969

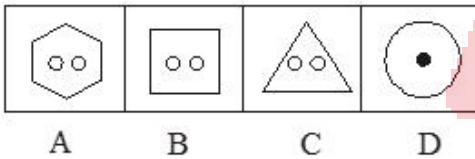
Option 3 ID : 6789137971

Option 4 ID : 6789137972

Status : **Answered**

Chosen Option : 1

Q.1 Find the odd figure out from among the given figures.



- Ans
- ✗ 1. B
 - ✗ 2. C
 - ✗ 3. A
 - ✓ 4. D

Question ID : 6789131947

Option 1 ID : 6789137786

Option 2 ID : 6789137787

Option 3 ID : 6789137785

Option 4 ID : 6789137788

Status : **Answered**

Chosen Option : 4

Q.1 Force = _____.

- Ans
- ✓ 1. mass × acceleration
 - ✗ 2. mass × volume
 - ✗ 3. mass × pressure
 - ✗ 4. mass × velocity

Question ID : 6789131956

Option 1 ID : 6789137822
 Option 2 ID : 6789137824
 Option 3 ID : 6789137823
 Option 4 ID : 6789137821
 Status : **Answered**
 Chosen Option : 1

Q.1
3 As of 1st March 2018, who among the following is India's Permanent Representative to the United Nations?

- Ans
- ✓ 1. Rajiv Kumar Chander
 - ✗ 2. Hardeep Singh
 - ✗ 3. Nirupam Sen
 - ✗ 4. Nirupama Menon Rao

Question ID : 6789131987
 Option 1 ID : 6789137946
 Option 2 ID : 6789137948
 Option 3 ID : 6789137947
 Option 4 ID : 6789137945
 Status : **Not Answered**
 Chosen Option : --

Q.1
4 The plants in _____ group are commonly called algae.

- Ans
- ✗ 1. Gymnosperm
 - ✗ 2. Bryophyta
 - ✗ 3. Pteridophyta
 - ✓ 4. Thallophyta

Question ID : 6789131977
 Option 1 ID : 6789137906
 Option 2 ID : 6789137907
 Option 3 ID : 6789137905
 Option 4 ID : 6789137908
 Status : **Answered**
 Chosen Option : 2

Q.1
5 _____ give evidences of evolutionary relationships.

- Ans
- 1. Rocks
 - 2. Ocean beds
 - 3. River beds
 - 4. Fossils

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

Question ID : 6789131980
 Option 1 ID : 6789137917
 Option 2 ID : 6789137918
 Option 3 ID : 6789137920
 Option 4 ID : 6789137919

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

Q.1 A cylinder has the same height as the radius of its base. A hollow sphere has the same outer radius as that of the base of the cylinder while the inner radius is half of the outer radius. Find the ratio of the volumes of the cylinder to the hollow sphere.

- Ans**
- ☒ 1. 5 : 6
 - ☒ 2. 7 : 8
 - ☒ 3. 6 : 7
 - ☒ 4. 3 : 4

Question ID : **6789131919**
Option 1 ID : **6789137673**
Option 2 ID : **6789137675**
Option 3 ID : **6789137674**
Option 4 ID : **6789137676**
Status : **Not Answered**
Chosen Option : --

Q.1 Babur made his first raid into India in _____.

- Ans**
- ☒ 1. 1519
 - ☒ 2. 1521
 - ☒ 3. 1535
 - ☒ 4. 1544

Question ID : **6789131995**
Option 1 ID : **6789137977**
Option 2 ID : **6789137978**
Option 3 ID : **6789137980**
Option 4 ID : **6789137979**
Status : **Answered**
Chosen Option : **2**

Q.1 Consider the given statement and decide which of the given assumptions is/are implicit in the statement.

Statement: "Beware of the dog," a signboard states.

Assumptions:

- I. Dogs protect the home.
- II. Dogs are the most loyal animals.

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

Question ID : **6789131934**
Option 1 ID : **6789137735**
Option 2 ID : **6789137733**

Option 3 ID : 6789137734
Option 4 ID : 6789137736
Status : Answered
Chosen Option : 2

Q.1 Two pipes X and Y can fill up a tank in 32 minutes and 16 minutes respectively. If both the pipes are opened simultaneously, after how much time should Y be closed, so that the tank is full in 20 minutes?

- Ans** ☒ 1. 6 minutes
☒ 2. 10 minutes
☒ 3. 4 minutes
☒ 4. 8 minutes

Question ID : 6789131918
Option 1 ID : 6789137670
Option 2 ID : 6789137672
Option 3 ID : 6789137669
Option 4 ID : 6789137671
Status : Answered
Chosen Option : 1

Q.2 Consider the given statement(s) and decide which of the given assumption(s) is/are implicit in the statement.

0 **Statement :** Organisations that follow certain business ethics have better chances of survival, compared to those whose only goal is to earn profits

Assumptions:

- I. A written code of ethics to let the employees know the do's and don't's of an organisation is important.
II. Organisations should focus on training employees on code of ethics.

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

Question ID : 6789131933
Option 1 ID : 6789137732
Option 2 ID : 6789137729
Option 3 ID : 6789137730
Option 4 ID : 6789137731
Status : Answered
Chosen Option : 4

Q.2 Read the following information carefully and answer the question that is given below:
1

Amrith is older than Manish. Vishnu is older than Manish but younger than Amrith. Dhivakar is younger than Rakesh and Manish. Manish is older than Rakesh.

Who is the eldest?

- Ans** ☒ 1. Manish
☒ 2. Rakesh
☒ 3. Vishnu
☒ 4. Amrith

Question ID : 6789131943

Option 1 ID : 6789137770

Option 2 ID : 6789137769

Option 3 ID : 6789137772

Option 4 ID : 6789137771

Status : Answered

Chosen Option : 1

Q.2
2 Find the value of $\sqrt{0.7}$

Ans  1. 0.948

 2. 0.598

 3. 0.894

 4. 0.836

Question ID : 6789131906

Option 1 ID : 6789137621

Option 2 ID : 6789137624

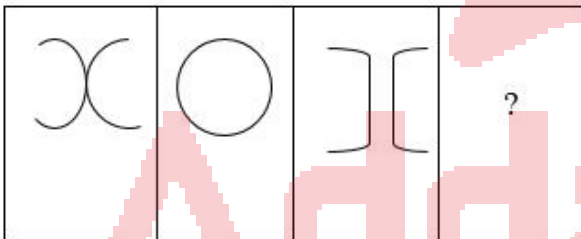
Option 3 ID : 6789137623

Option 4 ID : 6789137622

Status : Answered

Chosen Option : 4

Q.2
3 Choose the correct option to complete the series.

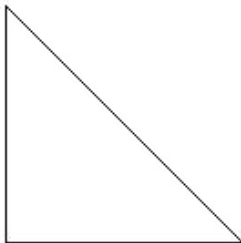


Ans

 1.



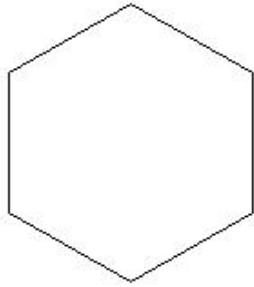
 2.



 3.



✗ 4.



Question ID : 6789131928

Option 1 ID : 6789137711

Option 2 ID : 6789137710

Option 3 ID : 6789137712

Option 4 ID : 6789137709

Status : Answered

Chosen Option : 1

Q.2
4 With which of the following sports is S.V. Sunil related?

Ans ✗ 1. Table tennis

✓ 2. Hockey

✗ 3. Badminton

✗ 4. Cricket

Question ID : 6789131983

Option 1 ID : 6789137932

Option 2 ID : 6789137930

Option 3 ID : 6789137931

Option 4 ID : 6789137929

Status : Answered

Chosen Option : 3

Q.2
5 A force of 10 N is acting on an object. The object is displaced through 5 m in the direction of force. Then the work done is:

Ans ✗ 1. -50 J

✓ 2. 50 J

✗ 3. -50 N

✗ 4. 50 N

Question ID : 6789131960

Option 1 ID : 6789137840

Option 2 ID : 6789137838

Option 3 ID : 6789137839

Option 4 ID : 6789137837

Status : Answered

Chosen Option : 1

Q.2
6

Each question given below consists of a statement, followed by two arguments numbered I and II. You have to decide which of the arguments is a 'strong' argument.

Statement: Is morning dose of coffee good for health?

Arguments :

- I. Yes, coffee contains high antioxidants and many minerals which supply essential nutrients to the body.
- II. No, consuming too much coffee can lead to panic anxiety attacks and also reduces the quality of sleep.

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

Question ID : 6789131932

Option 1 ID : 6789137725

Option 2 ID : 6789137728

Option 3 ID : 6789137727

Option 4 ID : 6789137726

Status : Answered

Chosen Option : 1

Q.2
7 Find the missing word.

Leap (____) Jump

- Ans**  1. Walk
-  2. Descend
-  3. Bounce
-  4. Run

Question ID : 6789131949

Option 1 ID : 6789137795

Option 2 ID : 6789137794

Option 3 ID : 6789137796

Option 4 ID : 6789137793

Status : Answered

Chosen Option : 3

Q.2
8 Four words have been given below of which three are alike in some way and one is different. Choose the odd one out:

- Ans**  1. ISM Dhanbad
-  2. (CBI) Central Bureau of Investigation
-  3. NIT Warangal
-  4. BHU Varanasi

Question ID : 6789131927

Option 1 ID : 6789137705

Option 2 ID : 6789137708

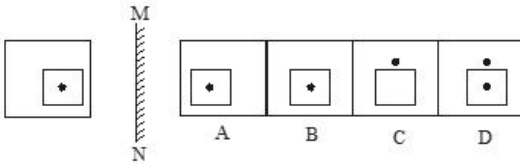
Option 3 ID : 6789137707

Option 4 ID : 6789137706

Status : Answered

Chosen Option : 2

Q.2 Find the mirror image of the following figure if the mirror is placed at line MN.



- Ans ☒ 1. A
☒ 2. C
☒ 3. D
☒ 4. B

Question ID : 6789131952

Option 1 ID : 6789137805

Option 2 ID : 6789137807

Option 3 ID : 6789137808

Option 4 ID : 6789137806

Status : Answered

Chosen Option : 1

Q.3 Choose the correct figure that will fit in the blank space in the following series.



- Ans ☒ 1. A
☒ 2. D
☒ 3. C
☒ 4. B

Question ID : 6789131946

Option 1 ID : 6789137781

Option 2 ID : 6789137784

Option 3 ID : 6789137783

Option 4 ID : 6789137782

Status : Answered

Chosen Option : 4

Q.3 Which process of fusion of sperm and ova results in the formation of a single structure called zygote?

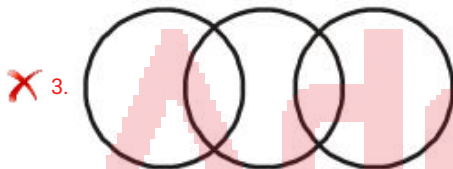
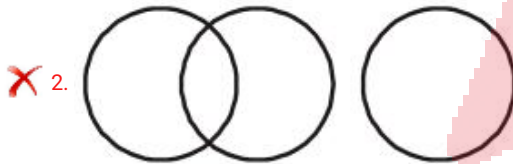
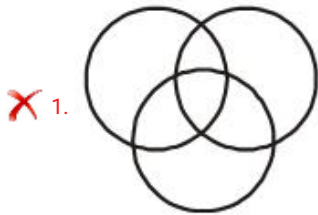
- Ans
- ☒ 1. Fragmentation
 - ☐ 2. Fertilisation
 - ☒ 3. Sexual reproduction
 - ☒ 4. Tissue culture

Question ID : 6789131979
 Option 1 ID : 6789137913
 Option 2 ID : 6789137916
 Option 3 ID : 6789137915
 Option 4 ID : 6789137914
 Status : Answered
 Chosen Option : 2

Q.3
2 Choose the best suitable Venn diagram for the following words

Capsicum, Mat, Rat.

Ans



Question ID : 6789131950
 Option 1 ID : 6789137799
 Option 2 ID : 6789137800
 Option 3 ID : 6789137798
 Option 4 ID : 6789137797
 Status : Answered
 Chosen Option : 2

Q.3
3 45 men can complete a piece of work in 12 days. In how many days will 36 men be able to complete it?

- Ans
- ☒ 1. 10
 - ☒ 2. 16

✗ 3. 18

✓ 4. 15

Question ID : 6789131915

Option 1 ID : 6789137659

Option 2 ID : 6789137660

Option 3 ID : 6789137657

Option 4 ID : 6789137658

Status : Answered

Chosen Option : 4

Q.3
4 Who hosted recently concluded ASIA CUP Men's Cricket tournament?

Ans ✓ 1. UAE

✗ 2. Bangladesh

✗ 3. Nepal

✗ 4. China

Question ID : 6789131981

Option 1 ID : 6789137922

Option 2 ID : 6789137924

Option 3 ID : 6789137923

Option 4 ID : 6789137921

Status : Answered

Chosen Option : 1

Q.3
5 The chemical formula of ferrous sulphate crystal is _____

Ans ✗ 1. $\text{FeSO}_4 \cdot 4\text{H}_2\text{O}$

✗ 2. $\text{FeSO}_4 \cdot 5\text{H}_2\text{O}$

✗ 3. $\text{FeSO}_4 \cdot 6\text{H}_2\text{O}$

✓ 4. $\text{FeSO}_4 \cdot 7\text{H}_2\text{O}$

Question ID : 6789131970

Option 1 ID : 6789137880

Option 2 ID : 6789137879

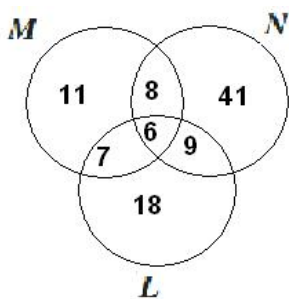
Option 3 ID : 6789137878

Option 4 ID : 6789137877

Status : Answered

Chosen Option : 3

Q.3
6



The above Venn diagram represent the students who play 3 sports M, N and L in a class.

Total number of students who play game M is:

- Ans
- ☒ 1. 7
 - ☒ 2. 11
 - ☒ 3. 32
 - ☒ 4. 21

Question ID : 6789131951

Option 1 ID : 6789137803

Option 2 ID : 6789137801

Option 3 ID : 6789137802

Option 4 ID : 6789137804

Status : Answered

Chosen Option : 3

Q.3 A tractor can finish its journey in 10 hours at the speed of 36 km/hr. If the same distance must be covered in 8 hours, what should be the speed of the tractor?

- Ans
- ☒ 1. 60 km/hr
 - ☒ 2. 50 km/hr
 - ☒ 3. 45 km/hr
 - ☒ 4. 55 km/hr

Question ID : 6789131913

Option 1 ID : 6789137652

Option 2 ID : 6789137650

Option 3 ID : 6789137649

Option 4 ID : 6789137651

Status : Answered

Chosen Option : 3

Q.3 The Gulf of Bothnia is situated between two countries. One of them is Finland. Which is the other country?

- Ans
- ☒ 1. Denmark
 - ☒ 2. Russia
 - ☒ 3. Sweden
 - ☒ 4. Norway

Question ID : 6789131997

Option 1 ID : 6789137985

Option 2 ID : 6789137988

Option 3 ID : 6789137986

Option 4 ID : 6789137987

Status : Answered
Chosen Option : 4

Q.3
9 Choose the option that is NOT true about vascular system.

- Ans ☒ 1. Blood flows at low pressure, with jerk and faster in them.
☒ 2. It forms about 7-8% of the body weight.
☒ 3. Blood is commonly called river of life.
☒ 4. Life span of human RBCs is 115-120 days.

Question ID : 6789131978
Option 1 ID : 6789137909
Option 2 ID : 6789137910
Option 3 ID : 6789137911
Option 4 ID : 6789137912
Status : Answered
Chosen Option : 4

Q.4
0 Find out the least number to be added to 1051 to make it completely divisible by 33.

- Ans 1. 31
2. 33
3. 38
4. 36

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

Question ID : 6789131939
Option 1 ID : 6789137754
Option 2 ID : 6789137755
Option 3 ID : 6789137753
Option 4 ID : 6789137756
Status : Answered
Chosen Option : 3

Q.4
1 Anusri is eleven years younger than Yashomati. Fifteen years from now, Yashomati's age will be three times Anusri's present age. What is Yashomati's present age?

- Ans ☒ 1. 21 years
☒ 2. 24 years
☒ 3. 20 years
☒ 4. 23 years

Question ID : 6789131917
Option 1 ID : 6789137665
Option 2 ID : 6789137668
Option 3 ID : 6789137666
Option 4 ID : 6789137667
Status : Answered
Chosen Option : 2

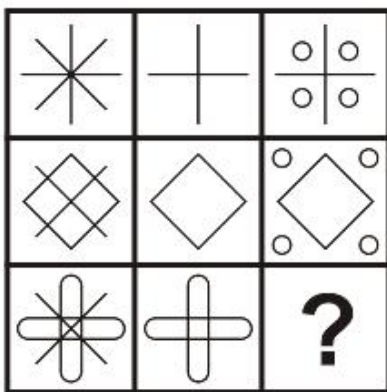
Q.4 The HCF of 66, 198 and 154 is _____.

2

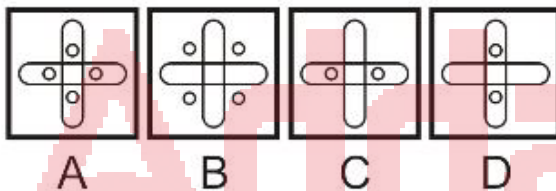
- Ans ☒ 1. 44
☒ 2. 66
☒ 3. 22
☒ 4. 33

Question ID : 6789131905
 Option 1 ID : 6789137618
 Option 2 ID : 6789137619
 Option 3 ID : 6789137617
 Option 4 ID : 6789137620
 Status : Answered
 Chosen Option : 3

Q.4
3



Choose the correct picture that fits the blank place.



- Ans ☒ 1. A
☒ 2. B
☒ 3. C
☒ 4. D

Question ID : 6789131948
 Option 1 ID : 6789137789
 Option 2 ID : 6789137790
 Option 3 ID : 6789137791
 Option 4 ID : 6789137792
 Status : Answered
 Chosen Option : 2

Q.4
4 What is the chemical name of Chinese salt that we use in preparing Chinese cuisine?

- Ans ☒ 1. Calcium hypochlorite
☒ 2. Calcium carbonate

- ☒ 3. Sodium benzoate
☒ 4. Monosodium glutamate

Question ID : 6789131999
 Option 1 ID : 6789137996
 Option 2 ID : 6789137993
 Option 3 ID : 6789137995
 Option 4 ID : 6789137994
 Status : Answered
 Chosen Option : 3

Q.4
5 Ohm is the SI unit of _____.

- Ans
- ☒ 1. electric charge
☒ 2. electric current
☒ 3. potential difference
☒ 4. resistance

Question ID : 6789131965
 Option 1 ID : 6789137859
 Option 2 ID : 6789137857
 Option 3 ID : 6789137858
 Option 4 ID : 6789137860
 Status : Answered
 Chosen Option : 4

Q.4
6 Two pipes feed a water tank at the rate of 2 liters/minute and 3 liters/minute. A third pipe draws out water at a rate of 6 liters/minute. The capacity of the tank is 100 liters and it is full of water. How many minutes would it take to make the tank empty if the three pipes are opened simultaneously?

- Ans
- ☒ 1. 125
☒ 2. 75
☒ 3. 100
☒ 4. 50

Question ID : 6789131916
 Option 1 ID : 6789137664
 Option 2 ID : 6789137662
 Option 3 ID : 6789137663
 Option 4 ID : 6789137661
 Status : Answered
 Chosen Option : 3

Q.4
7 If East becomes North-East then what will West become?

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

Question ID : 6789131954
 Option 1 ID : 6789137813

Option 2 ID : 6789137814
 Option 3 ID : 6789137816
 Option 4 ID : 6789137815
 Status : Answered
 Chosen Option : 1

Q.4
8 Nm^{-2} is the SI unit of:

- Ans ☒ 1. Pressure
☒ 2. Work
☒ 3. Power
☒ 4. Force

Question ID : 6789131958
 Option 1 ID : 6789137830
 Option 2 ID : 6789137831
 Option 3 ID : 6789137832
 Option 4 ID : 6789137829
 Status : Answered
 Chosen Option : 1

Q.4
9 If in a code, TRUCK is written as RPSAI, how will TOOL be written as in that code?

- Ans ☒ 1. JMRJ
☒ 2. RJKM
☒ 3. RMMJ
☒ 4. RMJM

Question ID : 6789131931
 Option 1 ID : 6789137723
 Option 2 ID : 6789137722
 Option 3 ID : 6789137724
 Option 4 ID : 6789137721
 Status : Answered
 Chosen Option : 3

Q.5
0 Find SP when MP = 160 and discount = 12%?

- Ans ☒ 1. 140.80
☒ 2. 160.80
☒ 3. 132.80
☒ 4. 100

Question ID : 6789131910
 Option 1 ID : 6789137637
 Option 2 ID : 6789137639
 Option 3 ID : 6789137638
 Option 4 ID : 6789137640
 Status : Answered
 Chosen Option : 1

Q.5
1 The resistivity of a conductor depends on:

- Ans ☒ 1. Material
☒ 2. Area of cross section
☒ 3. All of the given options
☒ 4. Length

Question ID : 6789131966
 Option 1 ID : 6789137861
 Option 2 ID : 6789137863
 Option 3 ID : 6789137864
 Option 4 ID : 6789137862
 Status : Answered
 Chosen Option : 3

Q.5
2 Which of the following inert gases is placed in period 5?

- Ans ☒ 1. Ne
☒ 2. Rn
☒ 3. Xe
☒ 4. Ar

Question ID : 6789131975
 Option 1 ID : 6789137897
 Option 2 ID : 6789137900
 Option 3 ID : 6789137899
 Option 4 ID : 6789137898
 Status : Answered
 Chosen Option : 3

Q.5
3 Who among the following won the 53rd Jnanpith Award for the year 2017?

- Ans ☒ 1. Amar Kant
☒ 2. Kedarnath Singh
☒ 3. Pratibha Ray
☒ 4. Krishna Sobti

Question ID : 6789131985
 Option 1 ID : 6789137940
 Option 2 ID : 6789137937
 Option 3 ID : 6789137938
 Option 4 ID : 6789137939
 Status : Answered
 Chosen Option : 4

Q.5
4 The mean of the 5 smallest numbers from a group is 18 while the mean of all the 13 members of the group taken together is 20. What is the mean of the 8 largest numbers?

- Ans ☒ 1. 22.50
☒ 2. 22.75
☒ 3. 21.75
☒ 4. 21.25

Question ID : 6789131922

Option 1 ID : 6789137687

Option 2 ID : 6789137688

Option 3 ID : 6789137685

Option 4 ID : 6789137686

Status : Answered

Chosen Option : 4

Q.5 In which of the following oceans is the Republic of Seychelles located?

- Ans
- ☒ 1. Pacific Ocean
 - ☒ 2. Indian Ocean
 - ☒ 3. Atlantic Ocean
 - ☒ 4. Arctic Ocean

Question ID : 6789131996

Option 1 ID : 6789137983

Option 2 ID : 6789137981

Option 3 ID : 6789137982

Option 4 ID : 6789137984

Status : Answered

Chosen Option : 1

Q.5 In a hostel, there is stock of 6,190.80 kg of wheat for feeding 105 students for 22 days. After 5 days, 14 students joined the hostel. How many days will the balance wheat feed the students, if all students consume the same quantity per day?

- Ans
- ☒ 1. 11 days
 - ☒ 2. 15 days
 - ☒ 3. 13 days
 - ☒ 4. 17 days

Question ID : 6789131914

Option 1 ID : 6789137656

Option 2 ID : 6789137654

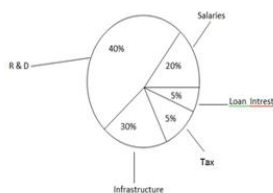
Option 3 ID : 6789137655

Option 4 ID : 6789137653

Status : Answered

Chosen Option : 3

Q.5 The following pie chart shows the expenditure of company XYZ in Q3 2015 on various heads.



If company XYZ has spent a total of ₹100 lakh crores on the various heads then how much did it spend on R & D (in lakh crores)?

- Ans
- ☒ 1. 20
 - ☒ 2. 10
 - ☒ 3. 30
 - ☒ 4. 40

Question ID : 6789131941
Option 1 ID : 6789137762
Option 2 ID : 6789137761
Option 3 ID : 6789137763
Option 4 ID : 6789137764
Status : Answered
Chosen Option : 4

Q.5 The following chart shows the results of three athletic academies in the district level selections for three years.
8

Academy	2012	2013	2014
A	2	3	4
B	1	5	2
C	3	7	9

How many selections were done in the year 2014 for academy 'C'?

- Ans
- ☒ 1. 19
 - ☒ 2. 9
 - ☒ 3. 7
 - ☒ 4. 3

Question ID : 6789131940
Option 1 ID : 6789137760
Option 2 ID : 6789137759
Option 3 ID : 6789137758
Option 4 ID : 6789137757
Status : Answered
Chosen Option : 2

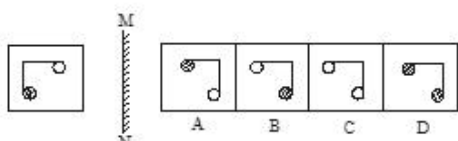
Q.5 Samu spent $\frac{1}{4}$ of his money on books and $\frac{1}{8}$ on food. If he is left with ₹ 40, how much did he spend on food?
9

- Ans
- ☒ 1. ₹ 12
 - ☒ 2. ₹ 8
 - ☒ 3. ₹ 6
 - ☒ 4. ₹ 10

Question ID : 6789131903
Option 1 ID : 6789137612
Option 2 ID : 6789137610
Option 3 ID : 6789137609
Option 4 ID : 6789137611
Status : Answered
Chosen Option : 2

Q.6
0

Choose the mirror image for the following figure:



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

Question ID : 6789131955

Option 1 ID : 6789137820

Option 2 ID : 6789137819

Option 3 ID : 6789137817

Option 4 ID : 6789137818

Status : Answered

Chosen Option : 4

Q.6 In August 2018, Hindalco's wholly owned subsidiary Novelis Inc. announced the acquisition of a global aluminum rolled products company that is headquartered in the US. Name the acquired company.

- Ans
- ☒ 1. Century Aluminum
 - ☒ 2. Alcoa Corporation
 - ☒ 3. U.S. Foil Company
 - ☒ 4. Aleris Corporation

Question ID : 6789131998

Option 1 ID : 6789137991

Option 2 ID : 6789137989

Option 3 ID : 6789137992

Option 4 ID : 6789137990

Status : Answered

Chosen Option : 1

Q.6 The sum of the interior angles of a regular heptagon (seven-sided polygon) is:

- 2
- Ans
- ☒ 1. 1080°
 - ☒ 2. 720°
 - ☒ 3. 540°
 - ☒ 4. 900°

Question ID : 6789131925

Option 1 ID : 6789137697

Option 2 ID : 6789137699

Option 3 ID : 6789137700

Option 4 ID : 6789137698

Status : Answered

Chosen Option : 2

Q.6 You are given a question and two statements. Identify which of the statements is/are necessary/sufficient to answer the question.

Question:

How many sons does X have?

Statements:

1. Y and Z are brothers of W
2. The mother of Z is wife of W's father

- Ans
- ☒ 1. 1 alone is sufficient while 2 alone is not sufficient
 - ☒ 2. Neither 1 nor 2 alone is sufficient
 - ☒ 3. Both 1 and 2 together are sufficient
 - ☒ 4. 2 alone is sufficient while 1 alone is not sufficient

Question ID : 6789131942

Option 1 ID : 6789137765

Option 2 ID : 6789137767

Option 3 ID : 6789137768

Option 4 ID : 6789137766

Status : Answered

Chosen Option : 2

Q.6 Which of the following reaction is a precipitation reaction?

Ans

- ☒ 1. Calcium carbonate $\rightarrow$ Calcium oxide + Carbon dioxide

☒ 2.

Sodium sulphate + Barium chloride $\rightarrow$ Barium sulphate + Sodium chloride

☒ 3. Lead + Copper chloride $\rightarrow$ Lead chloride + Copper

☒ 4. Methane + Oxygen $\rightarrow$ Carbon dioxide + Water

Question ID : 6789131971

Option 1 ID : 6789137883

Option 2 ID : 6789137882

Option 3 ID : 6789137881

Option 4 ID : 6789137884

Status : Not Answered

Chosen Option : --

Q.6 How many hydrogen atoms are present in one molecule of ethanol?

Ans

- ☒ 1. Six

☒ 2. Four

☒ 3. Seven

☒ 4. Five

Question ID : 6789131972

Option 1 ID : 6789137887

Option 2 ID : 6789137885

Option 3 ID : 6789137888

Option 4 ID : 6789137886

Status : Answered

Chosen Option : 1

Q.6 Name the service launched by the Central Government which will be available across the Common Service Centre (CSC) network and connect citizens to legal service providers with the help of technology-enabled platforms.

- Ans
- ☒ 1. 'Madadgar'
 - ☒ 2. 'Tele-Law'
 - ☒ 3. 'Retro-Fitment'
 - ☒ 4. 'Digi Yatra'

Question ID : 6789131991
 Option 1 ID : 6789137963
 Option 2 ID : 6789137961
 Option 3 ID : 6789137962
 Option 4 ID : 6789137964
 Status : Answered
 Chosen Option : 2

Q.6 What are the roots of the equation $2x^2 + 4x = 30$?

- Ans
- ☒ 1. 2, -15
 - ☒ 2. 6, 5
 - ☒ 3. -5, 3
 - ☒ 4. 10, 3

Question ID : 6789131921
 Option 1 ID : 6789137682
 Option 2 ID : 6789137684
 Option 3 ID : 6789137683
 Option 4 ID : 6789137681

Status : Answered
 Chosen Option : 3

Q.6 Select the option that is related to the third word on the same basis as the second word is related to the first word.

8 Wait : Linger :: Bite :

- Ans
- ☒ 1. Gnaw
 - ☒ 2. Murmur
 - ☒ 3. Hiss
 - ☒ 4. Eat

Question ID : 6789131930
 Option 1 ID : 6789137718
 Option 2 ID : 6789137719
 Option 3 ID : 6789137717
 Option 4 ID : 6789137720
 Status : Answered
 Chosen Option : 1

Q.6 Dalton's theory was based on the laws of:

- Ans
- ☒ 1. Conservation of momentum
 - ☒ 2. Conservation of mass

✓ 3. Chemical combination

✗ 4. Constant proportion

Question ID : 6789131968

Option 1 ID : 6789137872

Option 2 ID : 6789137870

Option 3 ID : 6789137871

Option 4 ID : 6789137869

Status : Answered

Chosen Option : 1

Q.7
0 Who among the following is the Minister of External Affairs?

Ans ✓ 1. Sushma Swaraj

✗ 2. SM Krishna

✗ 3. Salman Khurshid

✗ 4. Manmohan Singh

Question ID : 6789131990

Option 1 ID : 6789137959

Option 2 ID : 6789137958

Option 3 ID : 6789137957

Option 4 ID : 6789137960

Status : Answered

Chosen Option : 1

Q.7
1 Who among the following was called the 'Iron Chancellor'?

Ans ✗ 1. Napoleon Bonaparte

✗ 2. Genghis Khan

✓ 3. Otto von Bismarck

✗ 4. Adolf Hitler

Question ID : 6789131994

Option 1 ID : 6789137973

Option 2 ID : 6789137976

Option 3 ID : 6789137974

Option 4 ID : 6789137975

Status : Answered

Chosen Option : 1

Q.7
2 Unsaturated hydrocarbons add hydrogen in the presence of catalysts such as:

Ans ✗ 1. Nickel and Cadmium

✗ 2. Nickel and Hydrogen

✓ 3. Nickel and Palladium

✗ 4. Palladium and Radium

Question ID : 6789131973

Option 1 ID : 6789137889

Option 2 ID : 6789137891

Option 3 ID : 6789137890
Option 4 ID : 6789137892
Status : Answered
Chosen Option : 2

Q.7
3 Arjun was born on 1st January 2007, Monday. What day of the week lies on 1st January, 2008?

- Ans
- ☒ 1. Sunday
 - ☐ 2. Tuesday
 - ☐ 3. Friday
 - ☐ 4. Wednesday

Question ID : 6789131920
Option 1 ID : 6789137677
Option 2 ID : 6789137680
Option 3 ID : 6789137678
Option 4 ID : 6789137679
Status : Answered
Chosen Option : 2

Q.7
4 Which of the following statements is/are true?

- A. CO₂ is known as dry ice.
- B. The particles of liquid absorb energy from the surrounding to regain the energy lost during evaporation.
- C. Solid CO₂ gets converted directly to gaseous state.

- Ans
- 1. All are false
 - 2. A and C are false, B is true
 - 3. A and C are true, B is false
 - 4. All are true

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

Question ID : 6789131969
Option 1 ID : 6789137876
Option 2 ID : 6789137874
Option 3 ID : 6789137873
Option 4 ID : 6789137875
Status : Answered
Chosen Option : 1

Q.7
5 A car accelerates uniformly from 18 kmh⁻¹ to 36 kmh⁻¹ in 5 s. Calculate the acceleration of the car.

- Ans
- ☒ 1. 1 ms⁻²
 - ☐ 2. 4 ms⁻²
 - ☐ 3. 4 ms²
 - ☐ 4. 1 ms²

Question ID : 6789131959
Option 1 ID : 6789137835
Option 2 ID : 6789137833

Option 3 ID : 6789137834
Option 4 ID : 6789137836
Status : Answered
Chosen Option : 4

Q.7 A porter lifts a luggage of 12 kg from the ground and puts it on his head 1.5 m above the ground. Calculate the work
6 done by him on the luggage. ($g = 10\text{ms}^{-2}$)

- Ans ☒ 1. 140 J
☒ 2. 180 J
☒ 3. 150 J
☒ 4. 155 J

Question ID : 6789131961
Option 1 ID : 6789137843
Option 2 ID : 6789137844
Option 3 ID : 6789137842
Option 4 ID : 6789137841
Status : Answered
Chosen Option : 2

Q.7 Padma is the sister of Suresh's mother. How is Padma related to Suresh?
7

- Ans ☒ 1. Grandmother
☒ 2. Mother
☒ 3. Sister
☒ 4. Aunt

Question ID : 6789131926
Option 1 ID : 6789137703
Option 2 ID : 6789137702
Option 3 ID : 6789137704
Option 4 ID : 6789137701
Status : Answered
Chosen Option : 4

Q.7 A sum of money when invested for 5 years gives ₹ 5,250 as the amount. If the simple rate of interest was 2% per annum
8 more than what it was, the amount would have been ₹ 5,600. The original sum invested was:

- Ans ☒ 1. ₹ 4,000
☒ 2. ₹ 3,250
☒ 3. ₹ 3,750
☒ 4. ₹ 3,500

Question ID : 6789131911
Option 1 ID : 6789137644
Option 2 ID : 6789137642
Option 3 ID : 6789137641
Option 4 ID : 6789137643
Status : Not Answered
Chosen Option : --

Q.7
9

The average marks obtained by Suvir in 15 tests is 29. Ruchira is maintaining an average of 27 so far but has taken only 11 of the tests so far. How much does Ruchira have to score on an average in the remaining four tests to match Suvir's performance?

- Ans
- ☒ 1. 36
 - ☒ 2. 35.5
 - ☒ 3. 34.5
 - ☒ 4. 35

Question ID : 6789131924
 Option 1 ID : 6789137693
 Option 2 ID : 6789137694
 Option 3 ID : 6789137696
 Option 4 ID : 6789137695
 Status : Answered
 Chosen Option : 3

Q.8 A statement is followed by two arguments. Decide which of the arguments is/are strong with respect to the statement.
 0

Statement:

There is more wastage of water due to water purifiers.

Arguments:

- I. Yes, houses should adopt ways to reuse the excess water produced from the filters so that it can be given back to the land.
- II. No, it enters the sewage system and automatically goes back.

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

Question ID : 6789131935
 Option 1 ID : 6789137740
 Option 2 ID : 6789137738
 Option 3 ID : 6789137739
 Option 4 ID : 6789137737
 Status : Answered
 Chosen Option : 1

Q.8 $138 \div [35 - \{53 - (89 - 72 \div 9 \times 6)\}] = ?$
 1

- Ans
- ☒ 1. 2
 - ☒ 2. 6
 - ☒ 3. 23
 - ☒ 4. 3

Question ID : 6789131907
 Option 1 ID : 6789137627
 Option 2 ID : 6789137628
 Option 3 ID : 6789137625
 Option 4 ID : 6789137626

Status : **Answered**
Chosen Option : 2

Q.8
2 A body travelling with a speed of more than the velocity of sound in air is said to be _____.

- Ans
- ☒ 1. Ultrasonic
 - ☒ 2. Infrasonic
 - ☒ 3. Supersonic
 - ☒ 4. Hypersonic

Question ID : 6789131964
Option 1 ID : 6789137855
Option 2 ID : 6789137856
Option 3 ID : 6789137853
Option 4 ID : 6789137854
Status : **Answered**
Chosen Option : 3

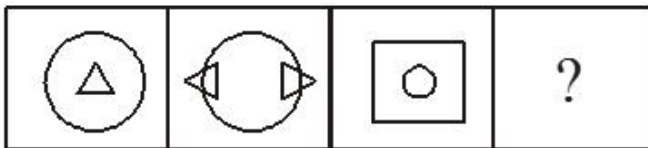
Q.8
3 Kaushik bought a toy for ₹ 180 and sold it for ₹ 202.50. The rate of profit was ____ %.

- Ans
- ☒ 1. 15.25
 - ☒ 2. 12.5
 - ☒ 3. 16
 - ☒ 4. 17.5

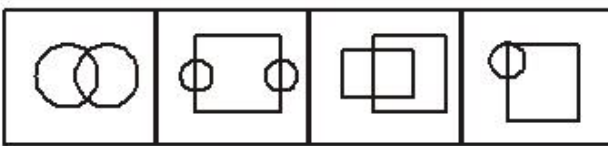
Question ID : 6789131909
Option 1 ID : 6789137635
Option 2 ID : 6789137636
Option 3 ID : 6789137634
Option 4 ID : 6789137633
Status : **Answered**
Chosen Option : 2

Q.8
4 Pick the figure that will complete the given series.

Problem Figures:



Answer Figures:



A B C D

- Ans ☒ 1. A

- ✓ 2. B
✗ 3. D
✗ 4. C

Question ID : 6789131944
Option 1 ID : 6789137773
Option 2 ID : 6789137774
Option 3 ID : 6789137776
Option 4 ID : 6789137775
Status : Answered
Chosen Option : 2

Q.8
5 Areolar tissue fills the spaces _____ the organ, supports the _____ organs and repairs tissues.

- Ans ✗ 1. outside; internal
✗ 2. outside; external
✓ 3. inside; internal
✗ 4. inside; external

Question ID : 6789131976
Option 1 ID : 6789137901
Option 2 ID : 6789137904
Option 3 ID : 6789137903
Option 4 ID : 6789137902
Status : Not Answered
Chosen Option : --

Q.8
6 Objects move with a constant speed when no _____ is acting on it.

- Ans ✗ 1. pressure
✗ 2. inertia
✓ 3. force
✗ 4. momentum

Question ID : 6789131957
Option 1 ID : 6789137825
Option 2 ID : 6789137826
Option 3 ID : 6789137827
Option 4 ID : 6789137828
Status : Answered
Chosen Option : 3

Q.8
7 Find the next letter set in the given series.

CV, ET, HQ, ?

- Ans ✓ 1. LM
✗ 2. LG
✗ 3. MX
✗ 4. LK

Question ID : 6789131936

Option 1 ID : 6789137743

Option 2 ID : 6789137741

Option 3 ID : 6789137744

Option 4 ID : 6789137742

Status : Answered

Chosen Option : 1

Q.8 Read the given statement(s) and conclusions carefully and select which of the conclusions logically follow(s) from the statement(s).

Statements:

- I. All pigs are white.
II. Some white are peacock.

Conclusions:

1. Some peacock are pigs.
2. Some white are pigs.

- Ans ☒ 1. Both 1 and 2 follows.
☒ 2. Neither 1 nor 2 follows.
☒ 3. Conclusion 2 alone follows.
☒ 4. Conclusion 1 alone follows.

Question ID : 6789131929

Option 1 ID : 6789137714

Option 2 ID : 6789137716

Option 3 ID : 6789137715

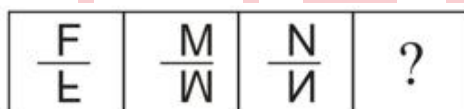
Option 4 ID : 6789137713

Status : Answered

Chosen Option : 3

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

Problem figures



Answer figures:



- Ans ☒ 1. A
☒ 2. B
☒ 3. C
☒ 4. D

Question ID : 6789131945

Option 1 ID : 6789137777

Option 2 ID : 6789137778

Option 3 ID : 6789137779

Option 4 ID : 6789137780

Status : Answered

Chosen Option : 4

Q.9 Which alpha-numeric set will follow in the given series?

12E, 15B, 18Y, 21V, ?

Ans ☒ 1. 20V

☒ 2. 25G

☒ 3. 24S

☒ 4. 28T

Question ID : 6789131937

Option 1 ID : 6789137745

Option 2 ID : 6789137747

Option 3 ID : 6789137746

Option 4 ID : 6789137748

Status : Answered

Chosen Option : 3

Q.9 x and y , given correct to 1 decimal place, are given as 6.2 and 1.3 respectively. What is the upper bound of the value of

$\frac{x}{y}$?

Ans ☒ 1. 5

☒ 2. 4.77

☒ 3. 5.05

☒ 4. 4.96

Question ID : 6789131908

Option 1 ID : 6789137629

Option 2 ID : 6789137631

Option 3 ID : 6789137632

Option 4 ID : 6789137630

Status : Answered

Chosen Option : 2

Q.9 What is the process by which a gas is converted into a solid?

Ans 1. Condensation

2. Sublimation

3. Vaporisation

4. Freezing

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

Question ID : 6789131967

Option 1 ID : 6789137866

Option 2 ID : 6789137865

Option 3 ID : 6789137867
Option 4 ID : 6789137868
Status : Answered
Chosen Option : 2

Q.9
3 'Nuakhai', a social festival belongs to which state of India?

- Ans
- ☒ 1. Tamilnadu
 - ☒ 2. Assam
 - ☒ 3. Odisha
 - ☒ 4. Karnataka

Question ID : 6789131986
Option 1 ID : 6789137941
Option 2 ID : 6789137943
Option 3 ID : 6789137942
Option 4 ID : 6789137944
Status : Answered
Chosen Option : 3

Q.9
4 The Saraswati Samman Award 2016 was bestowed upon:

- Ans
- ☒ 1. A.A. Manavalan
 - ☒ 2. Padma Sachdev
 - ☒ 3. Mahabaleshwar Sail
 - ☒ 4. Sugathakumari

Question ID : 6789131984
Option 1 ID : 6789137933
Option 2 ID : 6789137935
Option 3 ID : 6789137936
Option 4 ID : 6789137934
Status : Not Answered
Chosen Option : --

Q.9
5 An object of mass 12 kg is at a certain height above the ground. If the potential energy of the object is 600J, find the height at which the object is with respect to the ground. Given $g=10\text{ms}^{-2}$

- Ans
- ☒ 1. 5m
 - ☒ 2. 5ms^{-2}
 - ☒ 3. 5ms^2
 - ☒ 4. -5m

Question ID : 6789131962
Option 1 ID : 6789137845
Option 2 ID : 6789137848
Option 3 ID : 6789137847
Option 4 ID : 6789137846
Status : Answered
Chosen Option : 1

Q.9
6 The Indian Space Research Organisation (ISRO) created the world's third-largest hypersonic wind tunnel in:

- Ans
- ☒ 1. Jaisalmer
 - ☒ 2. Gokarna
 - ☒ 3. Thiruvananthapuram
 - ☒ 4. Ahmedabad

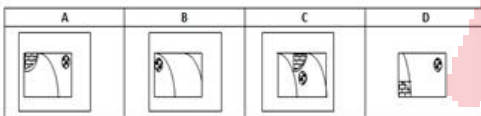
Question ID : 6789132000
 Option 1 ID : 6789137998
 Option 2 ID : 6789137999
 Option 3 ID : 6789137997
 Option 4 ID : 6789138000
 Status : Answered
 Chosen Option : 1

Q.9 Which of the answer figures is formed from the shapes given the problem figure?

Problem figure:



Answer figures:



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

Question ID : 6789131953
 Option 1 ID : 6789137812
 Option 2 ID : 6789137811
 Option 3 ID : 6789137810
 Option 4 ID : 6789137809
 Status : Answered
 Chosen Option : 4

Q.9 Which of the following is a reducible fraction?

- Ans
- ☒ 1. $\frac{77}{72}$
 - ☒ 2. $\frac{105}{112}$
 - ☒ 3. $\frac{104}{121}$
 - ☒ 4. $\frac{5}{49}$

Question ID : 6789131904

Option 1 ID : 6789137615

Option 2 ID : 6789137613

Option 3 ID : 6789137614

Option 4 ID : 6789137616

Status : Answered

Chosen Option : 2

Q.9 If you invest ₹ 100 at 40% annual interest compounded quarterly, how much will you receive after one year?

Ans ☒ 1. ₹ 145.61

☒ 2. ₹ 146.41

☒ 3. ₹ 149.01

☒ 4. ₹ 148.11

Question ID : 6789131912

Option 1 ID : 6789137645

Option 2 ID : 6789137646

Option 3 ID : 6789137648

Option 4 ID : 6789137647

Status : Answered

Chosen Option : 2

Q.1 Who took Oath on 23rd January, 2018 as the Governor of Madhya Pradesh?

Ans ☒ 1. Om Prakash Kohli

☒ 2. Kumud Ben Joshi

☒ 3. Ram Naresh Yadav

☒ 4. Anandiben Patel

Question ID : 6789131992

Option 1 ID : 6789137965

Option 2 ID : 6789137968

Option 3 ID : 6789137967

Option 4 ID : 6789137966

Status : Answered

Chosen Option : 1