



RAILWAY RECRUITMENT BOARDS

रेलवे भर्ती बोर्ड

Level-1 Posts CEN-02/2018

Participant ID:	
Participants Name:	
Test Center Name:	iON Digital Zone iDZ Kovilambakkam
Test Date:	04/10/2018
Test Time:	9:00 AM - 10:30 AM
Subject:	Level 1

1. Options shown in green color with a tick icon are correct

2. Chosen option on top right of the question indicates the option selected by the candidate

3. 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

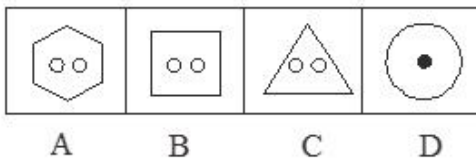
Option 3 ID : 6789137971

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 $\times$ acceleration
 - ✗ 2. mass $\times$ volume
 - ✗ 3. mass $\times$ pressure
 - ✗ 4. mass $\times$ 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
6 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 _____.
7

- 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.
8

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

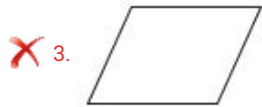
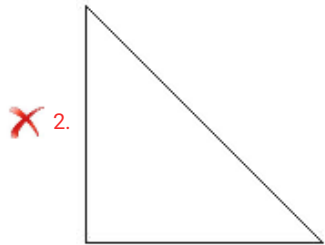
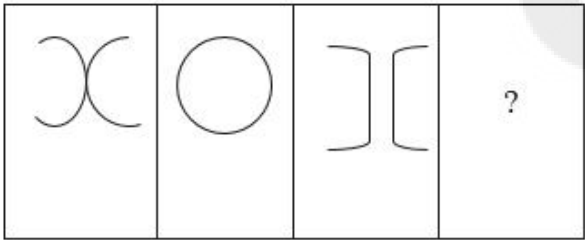
Question ID : 6789131943
Option 1 ID : 6789137770
Option 2 ID : 6789137769
Option 3 ID : 6789137772
Option 4 ID : 6789137771
Status : Answered
Chosen Option : 1

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

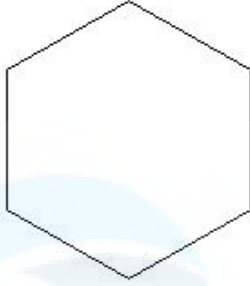
- Ans
- ☒ 1. 0.948
 - ☒ 2. 0.598
 - ☒ 3. 0.894
 - ☒ 4. 0.836

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.



☒ 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 Find the missing word.

Leap (____)Jump

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

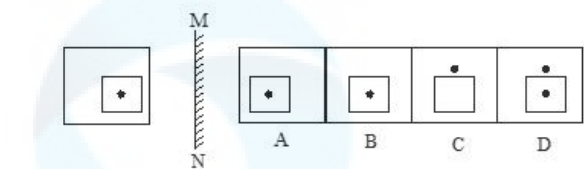
Question ID : 6789131949
Option 1 ID : 6789137795
Option 2 ID : 6789137794
Option 3 ID : 6789137796
Option 4 ID : 6789137793
Status : Answered
Chosen Option : 3

Q.2 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

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

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

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

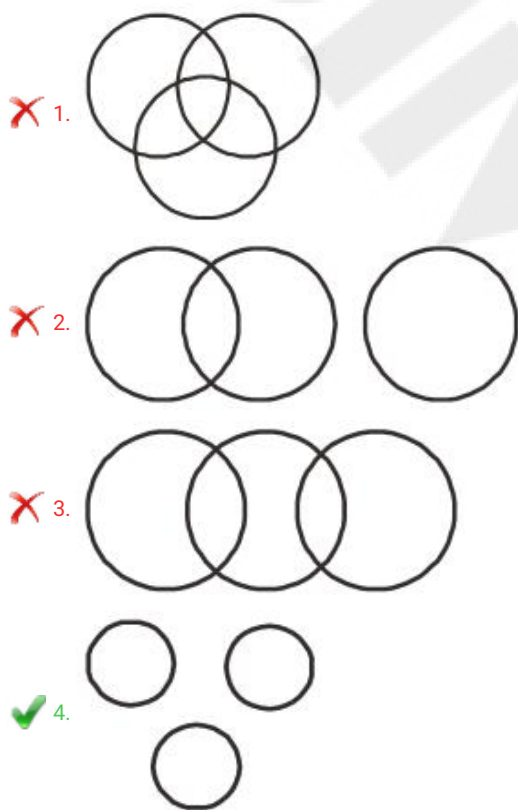
- Ans ☒ 1. Fragmentation
☒ 2. Fertilisation
☒ 3. Sexual reproduction
☒ 4. Tissue culture

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

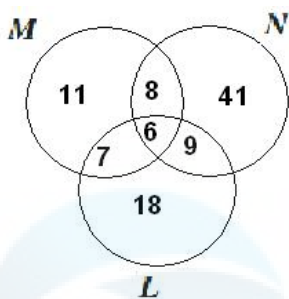
Option 3 ID : 6789137878

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?

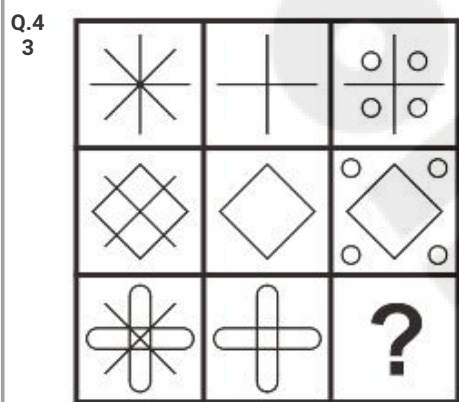
- Ans
- ☐ 1. 21 years
 - ☒ 2. 24 years
 - ☐ 3. 20 years
 - ☐ 4. 23 years

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

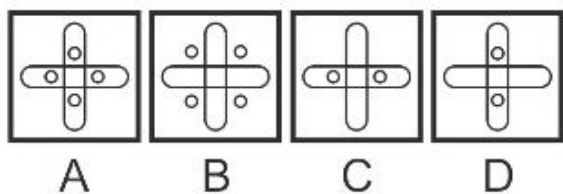
Q.4 The HCF of 66, 198 and 154 is _____.

- 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



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
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
6 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

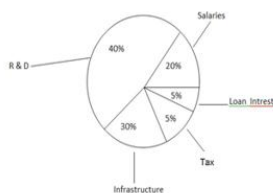
Option 3 ID : 6789137655

Option 4 ID : 6789137653

Status : Answered

Chosen Option : 3

Q.5
7 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

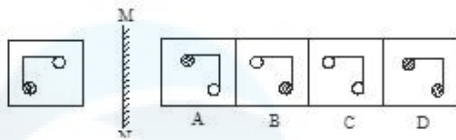
Q.5 Samu spent $\frac{1}{4}$ of his money on books and $\frac{1}{8}$ on food. If he is left with ₹ 40, how much did he spend on food?
9

- 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.

3

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?

4

- 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?

5

- 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
6 (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 $2x^2 + 4x = 30$?
7

- 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:
9

- 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

- 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 : --

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

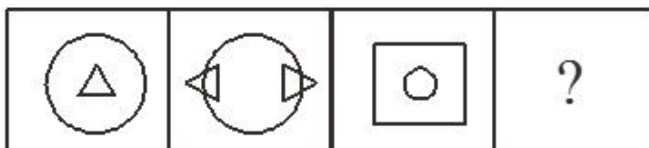
Q.8
3 Kaushik bought a toy for ₹ 180 and sold it for ₹ 202.50. The rate of profit was ____ %.

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

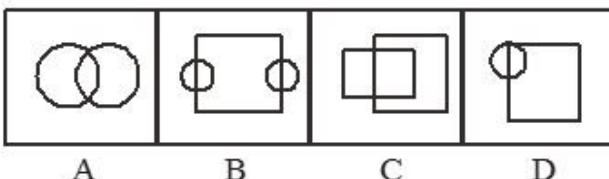
Question ID : 6789131909
Option 1 ID : 6789137635
Option 2 ID : 6789137636
Option 3 ID : 6789137634
Option 4 ID : 6789137633
Status : Answered
Chosen Option : 2

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

Problem Figures:



Answer Figures:



- 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

$\frac{F}{E}$	$\frac{M}{W}$	$\frac{N}{H}$	?
---------------	---------------	---------------	---

Answer figures:

AB	LM	KI	$\frac{L}{I}$
A	B	C	D

- 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
0 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
1 $\frac{x}{y}$?
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

- 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
2 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

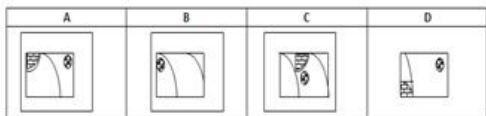
Question ID : 6789132000
 Option 1 ID : 6789137998
 Option 2 ID : 6789137999
 Option 3 ID : 6789137997
 Option 4 ID : 6789138000
 Status : Answered
 Chosen Option : 1

Q.9 7 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 8 Which of the following is a reducible fraction?

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