



RAILWAY RECRUITMENT BOARDS

रेलवे भर्ती बोर्ड

Level-1 Posts CEN-02/2018

Participant ID:	242055007240005
Participants Name:	CHIRANJEEVE GADKARI
Test Center Name:	Mahakal Group of Institutes
Test Date:	11/10/2018
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 A car falls off a ledge and drops to the ground in 0.7 s. (let $g=10\text{ms}^{-2}$)

What is its speed on striking the ground?

- Ans
- ☒ 1 7ms^{-1}
 - ☒ 2 8ms^{-1}
 - ☒ 3 4ms^{-1}
 - ☒ 4 7ms^{-1}

Quest on D 6789132756
Opt on 1 D 67891311024
Opt on 2 D 67891311023
Opt on 3 D 67891311021
Opt on 4 D 67891311022

Status Not Answered
Chosen Opt on --

Q.2 In an electric circuit, Rheostat is often used to change the _____ in the circuit.

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

Quest on D 6789132765
Opt on 1 D 67891311060
Opt on 2 D 67891311059
Opt on 3 D 67891311058
Opt on 4 D 67891311057

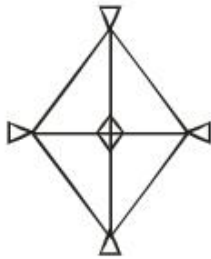
Status Not Answered
Chosen Opt on --

Q.3 Aamir Khan was honoured with the Best Actor Award in 2017 at:

- Ans
- ☐ 1 National Film Awards
 - ☐ 2 IIFA Awards
 - ☐ 3 Indian Film Festival
 - ☒ 4 Filmfare Awards

Quest on D 6789132785
Opt on 1 D 67891311139
Opt on 2 D 67891311137
Opt on 3 D 67891311138
Opt on 4 D 67891311140
Status Answered
Chosen Opt on 2

Q.4 Count the number of triangles in the figure.



- Ans
- ☐ 1 28
 - ☐ 2 24
 - ☐ 3 26
 - ☒ 4 20

Quest on D 6789132751
Opt on 1 D 67891311004
Opt on 2 D 67891311002
Opt on 3 D 67891311003
Opt on 4 D 67891311001
Status Answered
Chosen Opt on 4

Q.5 Which tissue is responsible for transport of materials away from the root?

- Ans
- ☐ 1 Ground tissue
 - ☐ 2 Cambium
 - ☐ 3 Phloem
 - ☒ 4 Xylem

Quest on D 6789132777
Opt on 1 D 67891311108
Opt on 2 D 67891311107
Opt on 3 D 67891311105
Opt on 4 D 67891311106
Status Answered
Chosen Opt on 4

Q.6 On which day is 'World Hindi Day' (WHD) observed every year to mark the first anniversary of World Hindi Conference (WHC), which was held in 1975?

- Ans
- ☒ 1 5th September
 - ☒ 2 14th October
 - ☒ 3 10th January
 - ☒ 4 26th January

Quest on D 6789132784
Opt on 1 D 67891311133
Opt on 2 D 67891311135
Opt on 3 D 67891311134
Opt on 4 D 67891311136
Status Answered
Chosen Opt on 2

Q.7 ₹ 1,080 invested for 3 months gave an interest of ₹ 27. The simple rate of interest per annum was :

- Ans
- ☒ 1 2.5%
 - ☒ 2 5%
 - ☒ 3 7.5%
 - ☒ 4 10%

Quest on D 6789132710
Opt on 1 D 67891310837
Opt on 2 D 67891310840
Opt on 3 D 67891310838
Opt on 4 D 67891310839
Status Answered
Chosen Opt on 4

Q.8 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.

Statement: "Mandarin oriental hotel has yet another new fan, Amitabh Bachchan," reads a hotel advertisement.

Assumptions:

- I. Mandarin Oriental is an expensive hotel.
- II. Mandarin Oriental is owned by Amitabh Bachchan.

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

Quest on D 6789132733
Opt on 1 D 67891310929
Opt on 2 D 67891310932
Opt on 3 D 67891310931
Opt on 4 D 67891310930
Status Answered
Chosen Opt on 3

Q.9 Read the given statement(s) and conclusions carefully and select which of the conclusions logically follow(s) from the statement(s).

Statement: Our office is located in sixth floor. If a building has more than two floors, then it will have a lift.

Conclusions:

- I. Right from first floor to the last, each floor can be reached by a lift.
- II. Fifth floor do not have a lift.

Ans ☒ 1 Only conclusion I follows

☒ 2 Neither I nor II follows

☒ 3 Only conclusion II follows

☒ 4 Both I and II follow

Quest on D 6789132732

Opt on 1 D 67891310925

Opt on 2 D 67891310927

Opt on 3 D 67891310926

Opt on 4 D 67891310928

Status Answered

Chosen Opt on 2

Q.1
0 P 3 R I M J 3 Q % W @ / N S E 5 X Y 1 # 8

In the above series, the 6th term to the left of the 15th term from the left is :

Ans ☒ 1 W

☒ 2 %

☒ 3 8

☒ 4 #

Quest on D 6789132738

Opt on 1 D 67891310950

Opt on 2 D 67891310951

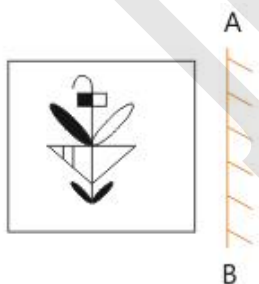
Opt on 3 D 67891310949

Opt on 4 D 67891310952

Status Answered

Chosen Opt on 2

Q.1
1



The mirror image of the above figure with respect to the line AB is:

Ans

☒ 1



☒ 2



☒ 3



☒ 4



Quest on D 6789132753

Opt on 1 D 67891311009

Opt on 2 D 67891311012

Opt on 3 D 67891311010

Opt on 4 D 67891311011

Status Answered

Chosen Opt on 3

Q.1 If the edge of a cube is halved, then its volume reduces to _____ times the actual volume.

2

Ans

☒ 1 $\frac{1}{3}$

☒ 2 $\frac{1}{4}$

☒ 3 $\frac{1}{8}$

☒ 4 $\frac{1}{2}$

Quest on D 6789132717

Opt on 1 D 67891310865

Opt on 2 D 67891310866

Opt on 3 D 67891310868

Opt on 4 D 67891310867

Status Answered

Chosen Opt on 2

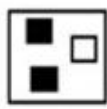
Q.1
3



A



B



C



D

The figure that does not belong to the group is

- Ans ☒ 1 D
☒ 2 B
☒ 3 C
☒ 4 A

Quest on D 6789132745

Opt on 1 D 67891310980

Opt on 2 D 67891310978

Opt on 3 D 67891310979

Opt on 4 D 67891310977

Status Answered

Chosen Opt on 3

Q.1 The time period of a vibrating body is 0.04s, then the frequency of the wave is ____.

4

- Ans ☒ 1 25Hz
☒ 2 20Hz
☒ 3 250Hz
☒ 4 200Hz

Quest on D 6789132764

Opt on 1 D 67891311054

Opt on 2 D 67891311053

Opt on 3 D 67891311056

Opt on 4 D 67891311055

Status Not Answered

Chosen Opt on --

Q.1 In Modern Periodic Table, there is an anomaly when it comes to the position of ____ because it can be placed either
5 in group 1 or group 17 in the first period.

5

- Ans ☒ 1 He
☒ 2 H
☒ 3 Li
☒ 4 Be

Quest on D 6789132774

Opt on 1 D 67891311093

Opt on 2 D 67891311094

Opt on 3 D 67891311095

Opt on 4 D 67891311096

Status Answered

Chosen Opt on 2

Q.1
6 What is the scientific term for the speed of an object moving in a definite direction?

- Ans
- ☒ 1 Time
 - ☒ 2 Acceleration
 - ☒ 3 Velocity
 - ☒ 4 Motion

Quest on D 6789132757
Opt on 1 D 67891311026
Opt on 2 D 67891311025
Opt on 3 D 67891311027
Opt on 4 D 67891311028
Status Answered
Chosen Opt on 3

Q.1
7 Who has been appointed as the Executive Director of Canara Bank?

- Ans
- ☒ 1 Ravi Venkatesan
 - ☒ 2 Murali Ramaswami
 - ☒ 3 Mahesh kumar jain
 - ☒ 4 Debashish Mukherjee

Quest on D 6789132788
Opt on 1 D 67891311149
Opt on 2 D 67891311152
Opt on 3 D 67891311151
Opt on 4 D 67891311150
Status Not Answered
Chosen Opt on --

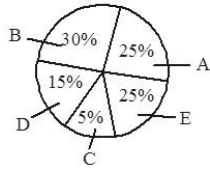
Q.1
8 The sample space of four coins tossed together is :

- Ans
- ☒ 1 8
 - ☒ 2 64
 - ☒ 3 32
 - ☒ 4 16

Quest on D 6789132722
Opt on 1 D 67891310887
Opt on 2 D 67891310888
Opt on 3 D 67891310886
Opt on 4 D 67891310885
Status Not Answered
Chosen Opt on --

Q.1
9

The following pie diagram shows information about tyres manufacturing data from various companies in India during 2017. If the total tyres produced in India during 2017 was 1,80,000 units, how many units of tyres were produced by company 'D'?



- Ans ☒ 1 18000
☒ 2 36000
☒ 3 9000
☒ 4 27000

Quest on D 6789132741
 Opt on 1 D 67891310962
 Opt on 2 D 67891310964
 Opt on 3 D 67891310961
 Opt on 4 D 67891310963
 Status Answered
 Chosen Opt on 4

Q.2 One way of dating fossils is by detecting the ratio of different _____ of the same element in the fossil material.

- Ans ☒ 1 allotropes
☒ 2 isotopes
☒ 3 isobars
☒ 4 isomers

Quest on D 6789132780
 Opt on 1 D 67891311120
 Opt on 2 D 67891311119
 Opt on 3 D 67891311118
 Opt on 4 D 67891311117
 Status Answered
 Chosen Opt on 2

Q.2 Two pipes, A and B, can fill a tank in X minutes and 6 minutes, respectively. If both the pipes are used together, then they take 1.5 minute to fill the tank. Find the value of X.

- Ans ☒ 1 1 min
☒ 2 4 min
☒ 3 5 min
☒ 4 2 min

Quest on D 6789132720
 Opt on 1 D 67891310877
 Opt on 2 D 67891310879
 Opt on 3 D 67891310880
 Opt on 4 D 67891310878
 Status Answered
 Chosen Opt on 4

2 $551 \div 29 = 19$. Then $5.51 \div 0.0019 = ?$

- Ans ☒ 1 2.9
☒ 2 290
☒ 3 2900
☒ 4 0.29

Quest on D 6789132707

Opt on 1 D 67891310825

Opt on 2 D 67891310826

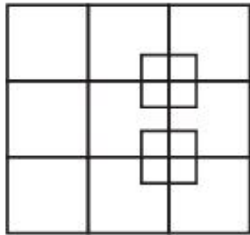
Opt on 3 D 67891310827

Opt on 4 D 67891310828

Status Answered

Chosen Opt on 3

Q.2 Find the number of squares in the following figure.



- Ans ☒ 1 24
☒ 2 20
☒ 3 22
☒ 4 26

Quest on D 6789132750

Opt on 1 D 67891310999

Opt on 2 D 67891310997

Opt on 3 D 67891310998

Opt on 4 D 67891311000

Status Answered

Chosen Opt on 1

Q.2 Read the given statement(s) and conclusions carefully and select which of the conclusions logically follow(s) from the statement(s).

Statements:

- I. All snakes are poisonous.
II. All poisonous are reptiles.

Conclusions:

1. All snakes are reptiles.
2. Some reptiles are poisonous.

- Ans ☒ 1 Neither 1 nor 2 follows.
☒ 2 Conclusion 2 alone follows.

✓³ Both 1 and 2 follows.

✗⁴ Conclusion 1 alone follows.

Quest on D 6789132729

Opt on 1 D 67891310916

Opt on 2 D 67891310915

Opt on 3 D 67891310914

Opt on 4 D 67891310913

Status Answered

Chosen Opt on 4

Q.2
5 What is the HCF of 16, 72 and 28 ?

Ans ✗¹ 3

✓² 4

✗³ 2

✗⁴ 1

Quest on D 6789132705

Opt on 1 D 67891310819

Opt on 2 D 67891310820

Opt on 3 D 67891310818

Opt on 4 D 67891310817

Status Answered

Chosen Opt on 2

Q.2
6 Sagar Baheti has become the first visually impaired Indian runner to complete the historic Boston Marathon. Where does Sagar hail from?

Ans ✗¹ Mumbai

✓² Bengaluru

✗³ New Delhi

✗⁴ Chennai

Quest on D 6789132781

Opt on 1 D 67891311122

Opt on 2 D 67891311121

Opt on 3 D 67891311123

Opt on 4 D 67891311124

Status Not Answered

Chosen Opt on --

Q.2
7

Select the option that can replace the question mark (?) in the following series.

<table><tr><td>$\leq \ell$</td><td>$\pm^* \Omega$</td></tr><tr><td>$/\pm \backslash$</td><td>\pm^*</td></tr></table>	$\leq \ell$	$\pm^* \Omega$	$/\pm \backslash$	\pm^*	<table><tr><td>$\backslash \pm /$</td><td>$\ell \leq$</td></tr><tr><td>\pm^*</td><td>$\Omega \pm^*$</td></tr></table>	$\backslash \pm /$	$\ell \leq$	\pm^*	$\Omega \pm^*$	<table><tr><td>\pm^*</td><td>$/\pm \backslash$</td></tr><tr><td>$\pm^* \Omega$</td><td>$\leq \ell$</td></tr></table>	\pm^*	$/\pm \backslash$	$\pm^* \Omega$	$\leq \ell$?
$\leq \ell$	$\pm^* \Omega$														
$/\pm \backslash$	\pm^*														
$\backslash \pm /$	$\ell \leq$														
\pm^*	$\Omega \pm^*$														
\pm^*	$/\pm \backslash$														
$\pm^* \Omega$	$\leq \ell$														

<p>A</p> <table> <tr> <td>\pm</td><td>$\Omega \pm^*$</td></tr> <tr> <td>$\ell \leq$</td><td>$/\pm^*$</td></tr> </table>	\pm	$\Omega \pm^*$	$\ell \leq$	$/\pm^*$	<p>B</p> <table> <tr> <td>$/\pm^*$</td><td>Ω</td></tr> <tr> <td>$\ell \leq$</td><td>\pm</td></tr> </table>	$/\pm^*$	Ω	$\ell \leq$	\pm
\pm	$\Omega \pm^*$								
$\ell \leq$	$/\pm^*$								
$/\pm^*$	Ω								
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<p>C</p> <table> <tr> <td>$\Omega \pm^*$</td><td>\pm^*</td></tr> <tr> <td>$\ell \leq$</td><td>$\backslash \pm /$</td></tr> </table>	$\Omega \pm^*$	\pm^*	$\ell \leq$	$\backslash \pm /$	<p>D</p> <table> <tr> <td>$\Omega \pm^*$</td><td>$/\pm^*$</td></tr> <tr> <td>$\ell \leq$</td><td>\pm</td></tr> </table>	$\Omega \pm^*$	$/\pm^*$	$\ell \leq$	\pm
$\Omega \pm^*$	\pm^*								
$\ell \leq$	$\backslash \pm /$								
$\Omega \pm^*$	$/\pm^*$								
$\ell \leq$	\pm								

- Ans ☒ 1 A
☒ 2 B
☒ 3 C
☒ 4 D

Quest on D 6789132749

Opt on 1 D 67891310993

Opt on 2 D 67891310994

Opt on 3 D 67891310995

Opt on 4 D 67891310996

Status Answered

Chosen Opt on 3

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

Statements:

Some Penguins are Peacocks.

All the Peacocks are Snakes.

Conclusions:

1. Some penguins are snakes.

2. No peacock is a penguin.

Ans ☒ 1 Either 1 or 2 follows.

☒ 2 Only 2 follows.

☒ 3 Neither 1 nor 2 follows.

☒ 4 Only 1 follows.

Quest on D 6789132731

Opt on 1 D 67891310924

Opt on 2 D 67891310922

Opt on 3 D 67891310923

Opt on 4 D 67891310921
Status Answered
Chosen Opt on 4

Q.2 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.

Statement: Amit can make students understand the complex mathematical problems in a easy way.

Assumptions:

- I. Amit likes Mathematics.
- II. Amit can teach physics well.

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

Quest on D 6789132734
Opt on 1 D 67891310936
Opt on 2 D 67891310934
Opt on 3 D 67891310935
Opt on 4 D 67891310933
Status Answered
Chosen Opt on 4

Q.3 A sum of ₹ 110 is in the form of ₹ 2, ₹ 1 and 50 paise coins in the ratio of 1 : 2 : 3, respectively. How many 50 paise coins are there?

- Ans ☒ 1 20
☒ 2 60
☒ 3 40
☒ 4 80

Quest on D 6789132712
Opt on 1 D 67891310845
Opt on 2 D 67891310847
Opt on 3 D 67891310846
Opt on 4 D 67891310848
Status Not Answered
Chosen Opt on --

Q.3 'Real' is the currency of which country?

- Ans ☒ 1 South Africa
☒ 2 Brazil
☒ 3 Ghana
☒ 4 Cambodia

Quest on D 6789132797
Opt on 1 D 67891311188
Opt on 2 D 67891311185
Opt on 3 D 67891311187
Opt on 4 D 67891311186
Status Not Answered

Q.3 Panu, Jiban and Jalil can complete a certain task individually in 30, 20 and 60 days, respectively. Jiban started work on the task and Panu and Jalil agreed to help Jiban on every third day. How many days will it take to complete the task?

- Ans
- ☒ 1 13
 - ☒ 2 12
 - ☒ 3 14
 - ☒ 4 15

Quest on D 6789132715

Opt on 1 D 67891310858

Opt on 2 D 67891310857

Opt on 3 D 67891310859

Opt on 4 D 67891310860

Status Not Answered

Chosen Opt on --

Q.3 You are driving from point A to point B at a speed of 45 km/hr. Your friend is driving from point B to point A at a speed of 53 km/hr. If the distance between the two points is 1029 km and both of you started at the same time, how many hours will it be before you pass each other ?

- Ans
- ☒ 1 9.5
 - ☒ 2 10
 - ☒ 3 11
 - ☒ 4 10.5

Quest on D 6789132713

Opt on 1 D 67891310849

Opt on 2 D 67891310850

Opt on 3 D 67891310852

Opt on 4 D 67891310851

Status Not Answered

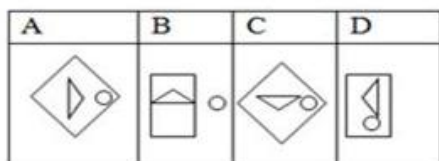
Chosen Opt on --

Q.3 Select the option figure that will complete the series of question figures.

Question figures



Option figures



- Ans
- ☒ 1 B
 - ☒ 2 C

☒ 3 D
☒ 4 A

Quest on D 6789132746
Opt on 1 D 67891310984
Opt on 2 D 67891310983
Opt on 3 D 67891310982
Opt on 4 D 67891310981
Status Answered
Chosen Opt on 4

Q.3
5 In a garden of 42 trees, $\frac{3}{7}$ of them are Neem trees and the rest are Mango trees. Find the number of Mango trees.

Ans ☒ 1 16
☒ 2 24
☒ 3 20
☒ 4 18

Quest on D 6789132704
Opt on 1 D 67891310816
Opt on 2 D 67891310813
Opt on 3 D 67891310815
Opt on 4 D 67891310814
Status Answered
Chosen Opt on 2

Q.3
6 Where is GIFT city of India being planned by the government?

Ans ☒ 1 Ahmedabad
☒ 2 Mysore
☒ 3 Hyderabad
☒ 4 Jaipur

Quest on D 6789132799
Opt on 1 D 67891311193
Opt on 2 D 67891311194
Opt on 3 D 67891311195
Opt on 4 D 67891311196
Status Answered
Chosen Opt on 1

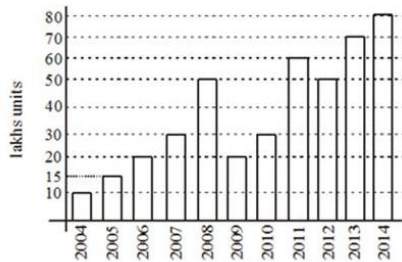
Q.3
7 An object of mass 13 kg is moving with a uniform velocity of 5 ms^{-1} . What is the kinetic energy possessed by the object?

Ans ☒ 1 187.5 J
☒ 2 17.5 J
☒ 3 162.5 J
☒ 4 162.5 ms

Quest on D 6789132761
Opt on 1 D 67891311041
Opt on 2 D 67891311043

Opt on 3 D 67891311044
Opt on 4 D 67891311042
Status Not Answered
Chosen Opt on --

Q.3 The following bar graph shows information on the sales of the personal computers by the company "XYZ" for the last 10 years



How many units of personal computers were sold by the company XYZ in 2011?

- Ans ☒ 1 60
☒ 2 50
☒ 3 80
☒ 4 70

Quest on D 6789132742
Opt on 1 D 67891310966
Opt on 2 D 67891310965
Opt on 3 D 67891310968
Opt on 4 D 67891310967
Status Answered
Chosen Opt on 1

Q.3 In which state of India 'Chhapar Mela' a social festival is organised?

- Ans ☒ 1 Punjab
☒ 2 Bihar
☒ 3 Odisha
☒ 4 Gujarat

Quest on D 6789132786
Opt on 1 D 67891311144
Opt on 2 D 67891311142
Opt on 3 D 67891311143
Opt on 4 D 67891311141
Status Not Answered
Chosen Opt on --

Q.4 A company's CEO discusses the fund allocation with the CFO. This year the fund for new product development has increased by one third of the fund allocated last year. Last year ₹ 20,00,000 was allotted for various activities including product development that amounts to 30% of the activities. How much money is the CFO allocating for product development this year?

- Ans ☒ 1 ₹ 8,00,000
☒ 2 ₹ 10,00,000
☒ 3 ₹ 12,00,000

✗ 4 ₹ 6,00,000

Quest on D 6789132743

Opt on 1 D 67891310971

Opt on 2 D 67891310972

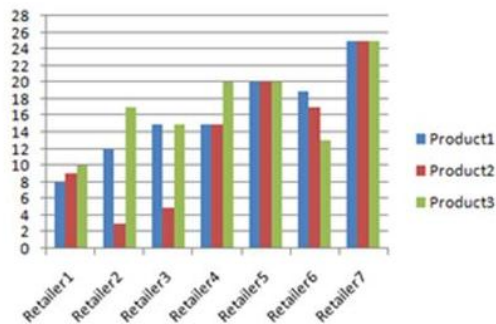
Opt on 3 D 67891310970

Opt on 4 D 67891310969

Status Answered

Chosen Opt on 1

Q.4 1 Based on the following graph, which retailer offers all the three products for less than ₹ 10 each?



Note: The X axis indicates price in rupees and Y axis represents the retailer.

- Ans
- ✗ 1 Retailer 4
 - ✗ 2 Retailer 2
 - ✗ 3 Retailer 3
 - ✓ 4 Retailer 1

Quest on D 6789132740

Opt on 1 D 67891310957

Opt on 2 D 67891310959

Opt on 3 D 67891310958

Opt on 4 D 67891310960

Status Answered

Chosen Opt on 4

Q.4 2 Transfer of pollengrains from anther to the stigma of a flower is called _____.

- Ans
- ✓ 1 Pollination
 - ✗ 2 Regeneration
 - ✗ 3 Transpiration
 - ✗ 4 Sexual reproduction

Quest on D 6789132779

Opt on 1 D 67891311116

Opt on 2 D 67891311115

Opt on 3 D 67891311113

Opt on 4 D 67891311114

Status Answered

Chosen Opt on 1

3 Find the odd one out.



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

Quest on D 6789132747

Opt on 1 D 67891310986

Opt on 2 D 67891310985

Opt on 3 D 67891310988

Opt on 4 D 67891310987

Status Not Answered

Chosen Opt on --

Q.4
4 If $\tan \theta = \frac{a}{b}$ such that $\frac{a \sin \theta - b \cos \theta}{a \sin \theta + b \cos \theta} = \left(\frac{a^2 - b^2}{a^2 + b^2} \right)^k$, then k is?

- Ans
- 1 6
 - 2 2
 - 3 4
 - 4 8

Note For th s quest on, d screpancy s found n quest on/answer So, Th s quest on s gnored for a cand dates

Quest on D 6789132723

Opt on 1 D 67891310891

Opt on 2 D 67891310889

Opt on 3 D 67891310890

Opt on 4 D 67891310892

Status Answered

Chosen Opt on 2

Q.4 1200 soldiers in a fort had enough food for 28 days. After 4 days, some soldiers left the fort. Thus, food lasted for 32 more days. How many soldiers left?

- Ans
- ☒ 1 280
 - ☒ 2 300
 - ☒ 3 320
 - ☒ 4 290

Quest on D 6789132709

Opt on 1 D 67891310833

Opt on 2 D 67891310834

Opt on 3 D 67891310836

Opt on 4 D 67891310835

Status Answered

Chosen Opt on 2

Q.4 In June 2017, NASA launched the world's lightest satellite which weighs 64 grams created by Chennai students. What is it called?

- Ans ☒ 1 Kalam SAT
☒ 2 Cartosat-2C
☒ 3 IRNNS-1G
☒ 4 GSAT_6

Quest on D 6789132800
Opt on 1 D 67891311198
Opt on 2 D 67891311200
Opt on 3 D 67891311199
Opt on 4 D 67891311197
Status Answered
Chosen Opt on 1

Q.4 Who invented a smart glove called TerraBlue XT - TJay that predicts epileptic seizures?

- Ans ☒ 1 Rajlakshmi Borthakur
☒ 2 Ankita Deka
☒ 3 Archana SR
☒ 4 Chayanika Baruah

Quest on D 6789132789
Opt on 1 D 67891311155
Opt on 2 D 67891311156
Opt on 3 D 67891311153
Opt on 4 D 67891311154
Status Answered
Chosen Opt on 1

Q.4 As of March 2018, how many Indians have won Grand Slam tournaments in tennis?

- Ans ☒ 1 6
☒ 2 7
☒ 3 5
☒ 4 4

Quest on D 6789132782
Opt on 1 D 67891311127
Opt on 2 D 67891311126
Opt on 3 D 67891311125
Opt on 4 D 67891311128
Status Answered
Chosen Opt on 4

Q.4 The age of a mother 10 years ago was thrice the age of her son. 10 years hence, the mother's age will be twice that of her son. The ratio of their present ages is :

- Ans ☒ 1 12 : 5
☒ 2 6 : 1
☒ 3 7 : 3
☒ 4 4 : 2

Quest on D 6789132718

Opt on 1 D 67891310872

Opt on 2 D 67891310871

Opt on 3 D 67891310870

Opt on 4 D 67891310869

Status Answered

Chosen Opt on 4

Q.5 Which of the following represents the equation for position-time relation?

Ans ☒ 1 $2as = v^2 - u^2$

☒ 2 $s = ut + \frac{1}{2}at^2$

☒ 3 $v = u + at$

☒ 4 $V = u + at$

Quest on D 6789132758

Opt on 1 D 67891311031

Opt on 2 D 67891311030

Opt on 3 D 67891311032

Opt on 4 D 67891311029

Status Not Answered

Chosen Opt on --

Q.5 In a group of 100 students, every student studies 8 subjects and every subject is studied by 10 students. The number of subjects are :

Ans ☒ 1 Exactly 80

☒ 2 May be 50

☒ 3 At most 30

☒ 4 At least 90

Quest on D 6789132724

Opt on 1 D 67891310896

Opt on 2 D 67891310893

Opt on 3 D 67891310895

Opt on 4 D 67891310894

Status Answered

Chosen Opt on 1

Q.5 For creating how many safe cities, has the Union Ministry of Women and Child Development approved projects worth ₹ 2,919 crore under Nirbhaya Fund?

Ans ☒ 1 8

☒ 2 12

☒ 3 5

☒ 4 15

Quest on D 6789132792

Opt on 1 D 67891311167

Opt on 2 D 67891311166

Opt on 3 D 67891311165

Opt on 4 D 67891311168

Status Answered

Q.5
3 Which of the following laws is associated with the heating effect of electric current?

- Ans ☒ 1 Joule's law
☒ 2 Ohm's law
☒ 3 Faraday's law
☒ 4 Newton's law

Quest on D 6789132766

Opt on 1 D 67891311062

Opt on 2 D 67891311061

Opt on 3 D 67891311064

Opt on 4 D 67891311063

Status Answered

Chosen Opt on 1

Q.5
4 The work done is zero if there is no _____.

- Ans ☒ 1 Power
☒ 2 Momentum
☒ 3 Velocity
☒ 4 Displacement

Quest on D 6789132762

Opt on 1 D 67891311047

Opt on 2 D 67891311046

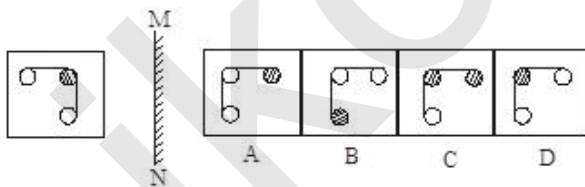
Opt on 3 D 67891311045

Opt on 4 D 67891311048

Status Answered

Chosen Opt on 4

Q.5
5 Choose the mirror image for the following figure.



- Ans ☒ 1 B
☒ 2 A
☒ 3 D
☒ 4 C

Quest on D 6789132755

Opt on 1 D 67891311018

Opt on 2 D 67891311017

Opt on 3 D 67891311020

Opt on 4 D 67891311019

Status Answered

Chosen Opt on 3

Q.5
6 The force of gravitation between two bodies in the universe does NOT depend on :

- Ans
- ☒ 1 the distance between them
 - ☒ 2 the sum of their masses
 - ☒ 3 the gravitational constant
 - ☒ 4 the product of their masses

Quest on D 6789132759
Opt on 1 D 67891311033
Opt on 2 D 67891311036
Opt on 3 D 67891311035
Opt on 4 D 67891311034
Status Answered
Chosen Opt on 3

Q.5
7 The 17th Lok Sabha elections are proposed to be held in which year?

- Ans
- ☒ 1 2020
 - ☒ 2 2019
 - ☒ 3 2024
 - ☒ 4 2022

Quest on D 6789132793
Opt on 1 D 67891311170
Opt on 2 D 67891311169
Opt on 3 D 67891311172
Opt on 4 D 67891311171
Status Answered
Chosen Opt on 2

Q.5
8 The Black soil is also known as _____ soil.

- Ans
- ☒ 1 Bhangar
 - ☒ 2 Humus
 - ☒ 3 Crystalline
 - ☒ 4 Regur

Quest on D 6789132796
Opt on 1 D 67891311183
Opt on 2 D 67891311182
Opt on 3 D 67891311184
Opt on 4 D 67891311181
Status Answered
Chosen Opt on 4

Q.5
9 Which of the following sport is Yuzvendra Chahal related to?

- Ans
- ☒ 1 Tennis
 - ☒ 2 Cricket
 - ☒ 3 Shooting

☒ 4 Hockey

Quest on D 6789132783

Opt on 1 D 67891311131

Opt on 2 D 67891311129

Opt on 3 D 67891311132

Opt on 4 D 67891311130

Status Answered

Chosen Opt on 2

Q.6
0 If A is the sister of C and C is the wife of D. How D is related to A?

Ans ☒ 1 Sister

☒ 2 Brother-in-law

☒ 3 Brother

☒ 4 Sister-in-law

Quest on D 6789132728

Opt on 1 D 67891310909

Opt on 2 D 67891310912

Opt on 3 D 67891310911

Opt on 4 D 67891310910

Status Answered

Chosen Opt on 4

Q.6
1 Find the next number in the series.

4, 9, 20, 43, ?

Ans ☒ 1 100

☒ 2 92

☒ 3 82

☒ 4 90

Quest on D 6789132736

Opt on 1 D 67891310943

Opt on 2 D 67891310941

Opt on 3 D 67891310944

Opt on 4 D 67891310942

Status Not Answered

Chosen Opt on --

Q.6
2 Select the institution that does not belong to the group.

Ans ☒ 1 NIT Warangal

☒ 2 IIM Ahmedabad

☒ 3 State Bank of India (SBI)

☒ 4 IIT Mumbai

Quest on D 6789132726

Opt on 1 D 67891310902

Opt on 2 D 67891310904
Opt on 3 D 67891310903
Opt on 4 D 67891310901
Status Answered
Chosen Opt on 3

Q.6 10 men can finish painting a wall in 8 days. How many more men will be needed if the painting work is to be finished in 4 days?

- Ans
- ☒ 1 8
 - ☒ 2 5
 - ☒ 3 10
 - ☒ 4 20

Quest on D 6789132714
Opt on 1 D 67891310856
Opt on 2 D 67891310855
Opt on 3 D 67891310854
Opt on 4 D 67891310853
Status Answered
Chosen Opt on 4

Q.6 The HCF of 156, 312 and 195 is :

- Ans
- ☒ 1 39
 - ☒ 2 3
 - ☒ 3 78
 - ☒ 4 13

Quest on D 6789132701
Opt on 1 D 67891310804
Opt on 2 D 67891310802
Opt on 3 D 67891310801
Opt on 4 D 67891310803
Status Answered
Chosen Opt on 1

Q.6 Who is the incumbent Honourable Speaker of the Lok Sabha?

- Ans
- ☒ 1 Sumitra Mahajan
 - ☒ 2 Manohar Joshi
 - ☒ 3 Meira Kumar
 - ☒ 4 Somnath Chatterjee

Quest on D 6789132791
Opt on 1 D 67891311161
Opt on 2 D 67891311164
Opt on 3 D 67891311162
Opt on 4 D 67891311163
Status Answered
Chosen Opt on 1

Q.6 Pointing to a woman, Raghav said, "Her son is my daughter's uncle". How is the woman related to Raghav?

- Ans ☒ 1 Sister
☒ 2 Mother
☒ 3 Daughter
☒ 4 Grandmother

Quest on D 6789132730
Opt on 1 D 67891310918
Opt on 2 D 67891310917
Opt on 3 D 67891310919
Opt on 4 D 67891310920
Status Answered
Chosen Opt on 2

Q.6
7 The number of odd days in a NON leap year is :

- Ans ☒ 1 1
☒ 2 2
☒ 3 4
☒ 4 3

Quest on D 6789132719
Opt on 1 D 67891310873
Opt on 2 D 67891310874
Opt on 3 D 67891310876
Opt on 4 D 67891310875
Status Answered
Chosen Opt on 2

Q.6
8 Which one of the following is NOT linked to the cerebrum ?

- Ans ☒ 1 It is a part of forebrain
☒ 2 It has two parts called cerebral hemispheres.
☒ 3 It forms the front, superior and lateral side of the brain
☒ 4 It is the largest part constituting 60% of the brain.

Quest on D 6789132778
Opt on 1 D 67891311109
Opt on 2 D 67891311112
Opt on 3 D 67891311111
Opt on 4 D 67891311110
Status Answered
Chosen Opt on 2

Q.6
9 Who is the managing director and CEO of Axis Bank as of 2018?

- Ans ☒ 1 Chanda Kochhar
☒ 2 Arundhati Bhattacharya
☒ 3 Shikha Sharma
☒ 4 Sanjaya Sharma

Quest on D 6789132787

Opt on 1 D 67891311145

Opt on 2 D 67891311148

Opt on 3 D 67891311146

Opt on 4 D 67891311147

Status Answered

Chosen Opt on 3

Q.7
0 Which South Indian film stars have formally entered politics recently?

- Ans
- ☒ 1 Vijay and Surya
 - ☒ 2 Siddharth and Madhavan
 - ☒ 3 Ajith and Shalini
 - ☒ 4 Rajinikanth and Kamal Haasan

Quest on D 6789132790

Opt on 1 D 67891311159

Opt on 2 D 67891311157

Opt on 3 D 67891311158

Opt on 4 D 67891311160

Status Answered

Chosen Opt on 4

Q.7
1 If the number $x3339$ is divisible by 11, what is the face value of x ?

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

Quest on D 6789132706

Opt on 1 D 67891310824

Opt on 2 D 67891310822

Opt on 3 D 67891310821

Opt on 4 D 67891310823

Status Answered

Chosen Opt on 3

Q.7
2 Mahavira is believed to be the last of the _____ Tirthankaras.

- Ans
- ☒ 1 26
 - ☒ 2 22
 - ☒ 3 20
 - ☒ 4 24

Quest on D 6789132795

Opt on 1 D 67891311178

Opt on 2 D 67891311179

Opt on 3 D 67891311180

Opt on 4 D 67891311177

Status Answered

Chosen Opt on 4

Q.7
3 What comes next in the given series?

6C, 10F, 14I, 18L, ?

- Ans
- ☒ 1 22G
 - ☒ 2 22O
 - ☒ 3 20T
 - ☒ 4 22L

Quest on D 6789132737
Opt on 1 D 67891310946
Opt on 2 D 67891310947
Opt on 3 D 67891310945
Opt on 4 D 67891310948
Status Answered
Chosen Opt on 2

Q.7
4 If 3 is added to both the numerator and the denominator, the fraction becomes $\frac{10}{11}$. When 4 is subtracted from both the numerator and the denominator of the same fraction, it becomes $\frac{3}{4}$. What is the value of the fraction?

- Ans
- ☒ 1 $\frac{3}{5}$
 - ☒ 2 $\frac{7}{8}$
 - ☒ 3 $\frac{3}{4}$
 - ☒ 4 $\frac{6}{13}$

Quest on D 6789132703
Opt on 1 D 67891310812
Opt on 2 D 67891310810
Opt on 3 D 67891310809
Opt on 4 D 67891310811
Status Answered
Chosen Opt on 2

Q.7
5 Which of the following plants is NOT a Thallophyta?

- Ans
- ☒ 1 Spirogyra
 - ☒ 2 Ulva
 - ☒ 3 Riccia
 - ☒ 4 Chara

Quest on D 6789132776
Opt on 1 D 67891311101
Opt on 2 D 67891311103
Opt on 3 D 67891311104
Opt on 4 D 67891311102
Status Answered
Chosen Opt on 1

Q.7 In which of the following classifications are the elements arranged in the order of their increasing atomic number?

6

- Ans ☒ 1 The Modern Periodic Table
☐ 2 Mendeleev's Periodic Table
☐ 3 Newland's Law of Octaves
☐ 4 Dobereiner's Triads

Quest on D 6789132775

Opt on 1 D 67891311099

Opt on 2 D 67891311097

Opt on 3 D 67891311100

Opt on 4 D 67891311098

Status Answered

Chosen Opt on 1

Q.7 The difference between the selling prices of a keyboard at losses 15% and 25% is ₹ 50. Then the cost price of a

7 keyboard is :

- Ans ☐ 1 ₹ 240
☐ 2 ₹ 330
☐ 3 ₹ 300
☒ 4 ₹ 500

Quest on D 6789132711

Opt on 1 D 67891310842

Opt on 2 D 67891310841

Opt on 3 D 67891310843

Opt on 4 D 67891310844

Status Answered

Chosen Opt on 4

Q.7 Read the given statement(s) and conclusions carefully and select which of the conclusions logically follow(s) from the statement(s).

8

Statement :

Sound is produced when something vibrates. The vibrating body causes the medium around it to vibrate.

Conclusions:

I. By medium, they mean only Air

II. Sound is produced by vibration

- Ans ☐ 1 Only conclusion I follows
☐ 2 Both the conclusions follow
☒ 3 Only conclusion II follows
☐ 4 No conclusion follows

Quest on D 6789132735

Opt on 1 D 67891310937

Opt on 2 D 67891310940

Opt on 3 D 67891310938

Opt on 4 D 67891310939

Status Answered

Chosen Opt on 3

Q.7
9 Which of the below allotropes of carbon is in the form of geodesic globe?

- Ans ☒ 1 Fullerene
☒ 2 Carbon nanotube
☒ 3 Graphite
☒ 4 Diamond

Quest on D 6789132772

Opt on 1 D 67891311087

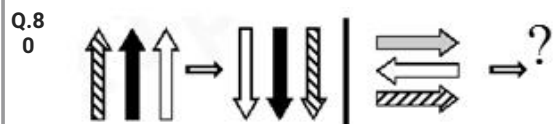
Opt on 2 D 67891311088

Opt on 3 D 67891311086

Opt on 4 D 67891311085

Status Answered

Chosen Opt on 1



Which of the below picture correctly fits the above blank space(?) ?



A

B

C

D

- Ans ☒ 1 C
☒ 2 A
☒ 3 B
☒ 4 D

Quest on D 6789132748

Opt on 1 D 67891310991

Opt on 2 D 67891310989

Opt on 3 D 67891310990

Opt on 4 D 67891310992

Status Answered

Chosen Opt on 1

Q.8
1 Which of the following energy varies with the height of an object?

- Ans ☒ 1 Nuclear energy
☒ 2 Kinetic energy
☒ 3 Chemical energy
☒ 4 Potential energy

Quest on D 6789132760

Opt on 1 D 67891311040

Opt on 2 D 67891311037

Opt on 3 D 67891311038
Opt on 4 D 67891311039
Status Answered
Chosen Opt on 4

Q.8
2 The chemical name of _____ is calcium sulphate hemihydrate.

- Ans
- ☒ 1 Baking powder
 - ☒ 2 Gypsum
 - ☒ 3 Baking soda
 - ☒ 4 Plaster of Paris

Quest on D 6789132771
Opt on 1 D 67891311083
Opt on 2 D 67891311081
Opt on 3 D 67891311084
Opt on 4 D 67891311082
Status Not Answered
Chosen Opt on --

Q.8
3 _____ is least reactive element belonging to group 17.

- Ans
- ☒ 1 Bromine
 - ☒ 2 Iodine
 - ☒ 3 Chlorine
 - ☒ 4 Fluorine

Quest on D 6789132767
Opt on 1 D 67891311068
Opt on 2 D 67891311065
Opt on 3 D 67891311066
Opt on 4 D 67891311067
Status Answered
Chosen Opt on 1

Q.8
4 The zeros of the cubic polynomial $2x^3 - x^2 - 2x + 1$ are a , b and c respectively. Find $ab + bc + ca = ?$

- Ans
- ☒ 1 2
 - ☒ 2 0
 - ☒ 3 +1
 - ☒ 4 -1

Quest on D 6789132721
Opt on 1 D 67891310882
Opt on 2 D 67891310881
Opt on 3 D 67891310884
Opt on 4 D 67891310883
Status Not Answered
Chosen Opt on --

Q.8
5

Which of the following statements is/are true?

A. Rigidity: According to the type of matter, shape differs, depending upon location of particles. Eg, solids have definite shape while liquids acquire the shape of their container and gases, as such, don't have any shape.

B. Compressibility: It is the property of matter to allow a decrease in volume under high pressure and gases show this property.

Ans ☒ 1 Only B is true

☒ 2 A and B are both true

☒ 3 A and B are both false

☒ 4 Only A is true

Quest on D 6789132769

Opt on 1 D 67891311074

Opt on 2 D 67891311075

Opt on 3 D 67891311076

Opt on 4 D 67891311073

Status Answered

Chosen Opt on 2

Q.8
6 In which year did the Partition of Bengal take place?

Ans ☒ 1 1910

☒ 2 1902

☒ 3 1903

☒ 4 1905

Quest on D 6789132794

Opt on 1 D 67891311173

Opt on 2 D 67891311175

Opt on 3 D 67891311176

Opt on 4 D 67891311174

Status Answered

Chosen Opt on 4

Q.8
7 Which of the following has low density and low melting point?

Ans ☒ 1 Na

☒ 2 Fe

☒ 3 Cu

☒ 4 Au

Quest on D 6789132773

Opt on 1 D 67891311091

Opt on 2 D 67891311089

Opt on 3 D 67891311090

Opt on 4 D 67891311092

Status Answered

Chosen Opt on 3

Q.8
8 In case of hypermetropia, where is the image formed?

Ans

- ☒ 1 In front of the retina
- ☒ 2 On the retina
- ☒ 3 Behind the retina
- ☒ 4 On the cornea

Quest on D 6789132763
 Opt on 1 D 67891311051
 Opt on 2 D 67891311049
 Opt on 3 D 67891311050
 Opt on 4 D 67891311052
 Status Answered
 Chosen Opt on 3

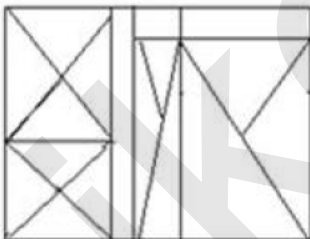
Q.8 The natural colour of litmus is _____.

- Ans 1 red
 2 pink
 3 blue
 4 purple

Note For th s quest on, d screpancy s found n quest on/answer So, Th s quest on s gnored for a cand dates

Quest on D 6789132770
 Opt on 1 D 67891311080
 Opt on 2 D 67891311077
 Opt on 3 D 67891311079
 Opt on 4 D 67891311078
 Status Answered
 Chosen Opt on 2

Q.9 How many triangles are there in the following figure?



- Ans ☒ 1 22
☒ 2 27
☒ 3 23
☒ 4 24

Quest on D 6789132752
 Opt on 1 D 67891311008
 Opt on 2 D 67891311005
 Opt on 3 D 67891311007
 Opt on 4 D 67891311006
 Status Answered
 Chosen Opt on 3

Q.9 Medha sells her bag for ₹ 300 and loses ₹ 60. At what price must she sell the article to gain 15%?

1

- Ans
- ☒ 1 146
 - ☒ 2 172
 - ☒ 3 414
 - ☒ 4 516

Quest on D 6789132739

Opt on 1 D 67891310955

Opt on 2 D 67891310953

Opt on 3 D 67891310954

Opt on 4 D 67891310956

Status Answered

Chosen Opt on 4

Q.9 Nandini is sister of Vani. How is Nandini's only sister's fathers father related to Vani?

2

- Ans
- ☒ 1 Uncle
 - ☒ 2 Cousin
 - ☒ 3 Father
 - ☒ 4 Paternal Grand father

Quest on D 6789132727

Opt on 1 D 67891310906

Opt on 2 D 67891310907

Opt on 3 D 67891310908

Opt on 4 D 67891310905

Status Answered

Chosen Opt on 4

Q.9 Supriya is playing chess with pallavi. If Supriya is facing North direction, in which direction Pallavi is facing considering the standard chess seating position?

3

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

Quest on D 6789132754

Opt on 1 D 67891311013

Opt on 2 D 67891311016

Opt on 3 D 67891311014

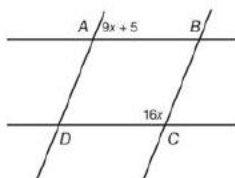
Opt on 4 D 67891311015

Status Answered

Chosen Opt on 3

Q.9 Find the measure of angle ABC (in degrees) in the parallelogram ABCD as shown in the given figure:

4



- Ans ☒ 1 68
☒ 2 112
☒ 3 102
☒ 4 78

Quest on D 6789132725
Opt on 1 D 67891310900
Opt on 2 D 67891310897
Opt on 3 D 67891310898
Opt on 4 D 67891310899
Status Not Answered
Chosen Opt on --

Q.9 The difference between a fraction and its reciprocal is $\frac{9}{11}$. If the cubes of both the fraction and its reciprocal are considered, what will be the difference between them?

- Ans ☒ 1 $\frac{3996}{1331}$
☒ 2 $-\frac{1331}{2538}$
☒ 3 $\frac{729}{1331}$
☒ 4 $-\frac{2538}{1331}$

Quest on D 6789132708
Opt on 1 D 67891310830
Opt on 2 D 67891310829
Opt on 3 D 67891310831
Opt on 4 D 67891310832
Status Not Answered
Chosen Opt on --

Q.9 Who invented the periodic table?

- Ans ☒ 1 Marie Curie
☒ 2 Dmitri Mendeleev
☒ 3 Antoine Lavoisier
☒ 4 Louis Pasteur

Quest on D 6789132798
Opt on 1 D 67891311191
Opt on 2 D 67891311190
Opt on 3 D 67891311189
Opt on 4 D 67891311192
Status Answered
Chosen Opt on 2

Q.9 Samu needs 40% to pass. If he scores 190 marks, but still falls short by 10 marks, then what is the maximum number of marks he could have scored?

- Ans ☒ 1 400
☒ 2 500

☒ 3 450

☒ 4 550

Quest on D 6789132716

Opt on 1 D 67891310861

Opt on 2 D 67891310863

Opt on 3 D 67891310862

Opt on 4 D 67891310864

Status Answered

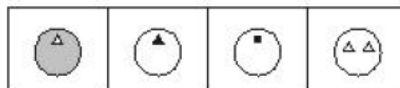
Chosen Opt on 2

Q.9 Find the next figure for the given series:

Problem figures



Answer figures:



A

B

C

D

Ans ☒ 1 D

☒ 2 C

☒ 3 B

☒ 4 A

Quest on D 6789132744

Opt on 1 D 67891310976

Opt on 2 D 67891310975

Opt on 3 D 67891310974

Opt on 4 D 67891310973

Status Answered

Chosen Opt on 3

Q.9 The atomic mass of Calcium is :

Ans ☒ 1 24

☒ 2 40

☒ 3 23

☒ 4 32

Quest on D 6789132768

Opt on 1 D 67891311070

Opt on 2 D 67891311072

Opt on 3 D 67891311069


Opt on 4 D 67891311071

Status Not Answered

Chosen Opt on --

Q.1
00 What is the value of X ? , if $7580 - X = 3440$

Ans  1 4150

 2 5140

 3 4130

 4 4140

Quest on D 6789132702

Opt on 1 D 67891310805

Opt on 2 D 67891310808

Opt on 3 D 67891310807

Opt on 4 D 67891310806

Status Answered

Chosen Opt on 4