



RAILWAY RECRUITMENT BOARDS

रेलवे भर्ती बोर्ड

Level-1 Posts CEN-02/2018

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Test Center Name:	Mahakal Group of Institutes
Test Date:	11/10/2018
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 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. 7 ms^{-1}
 - 2. 8 ms^{-1}
 - 3. 4 ms^{-1}
 - 4. 7 ms^{-1}

Question ID : 6789132756
 Option 1 ID : 67891311024
 Option 2 ID : 67891311023
 Option 3 ID : 67891311021
 Option 4 ID : 67891311022
 Status : Not Answered
 Chosen Option : --

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

Question ID : 6789132765
 Option 1 ID : 67891311060
 Option 2 ID : 67891311059
 Option 3 ID : 67891311058
 Option 4 ID : 67891311057
 Status : Not Answered
 Chosen Option : --

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

Question ID : 6789132785

Option 1 ID : 67891311139

Option 2 ID : 67891311137

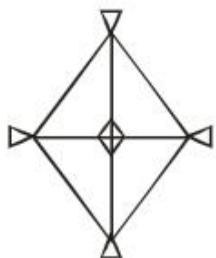
Option 3 ID : 67891311138

Option 4 ID : 67891311140

Status : Answered

Chosen Option : 2

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



- Ans 1. 28
 2. 24
 3. 26
 4. 20

Question ID : 6789132751

Option 1 ID : 67891311004

Option 2 ID : 67891311002

Option 3 ID : 67891311003

Option 4 ID : 67891311001

Status : Answered

Chosen Option : 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

Question ID : 6789132777

Option 1 ID : 67891311108

Option 2 ID : 67891311107

Option 3 ID : 67891311105

Option 4 ID : 67891311106

Status : Answered

Chosen Option : 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

Question ID : 6789132784

Option 1 ID : 67891311133

Option 2 ID : 67891311135

Option 3 ID : 67891311134

Option 4 ID : 67891311136

Status : Answered

Chosen Option : 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%

Question ID : 6789132710

Option 1 ID : 67891310837

Option 2 ID : 67891310840

Option 3 ID : 67891310838

Option 4 ID : 67891310839

Status : Answered

Chosen Option : 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

Question ID : 6789132733

Option 1 ID : 67891310929

Option 2 ID : 67891310932

Option 3 ID : 67891310931

Option 4 ID : 67891310930

Status : Answered

Chosen Option : 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

Question ID : 6789132732

Option 1 ID : 67891310925

Option 2 ID : 67891310927

Option 3 ID : 67891310926

Option 4 ID : 67891310928

Status : Answered

Chosen Option : 2

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

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. #

Question ID : 6789132738

Option 1 ID : 67891310950

Option 2 ID : 67891310951

Option 3 ID : 67891310949

Option 4 ID : 67891310952

Status : Answered

Chosen Option : 2

Q.1
1



A



B

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

Ans

X 1.



X 2.



✓ 3.



X 4.



Question ID : **6789132753**

Option 1 ID : **67891311009**

Option 2 ID : **67891311012**

Option 3 ID : **67891311010**

Option 4 ID : **67891311011**

Status : **Answered**

Chosen Option : **3**

Q.1 If the edge of a cube is halved, then its volume reduces to _____ times the actual volume.
2

Ans

X 1. $\frac{1}{3}$

X 2. $\frac{1}{4}$

✓ 3. $\frac{1}{8}$

X 4. $\frac{1}{2}$

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Question ID : **6789132717**

Option 1 ID : **67891310865**

Option 2 ID : **67891310866**

Option 3 ID : **67891310868**

Option 4 ID : **67891310867**

Status : **Answered**

Chosen Option : **2**

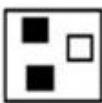
Q.1
3



A



B



C



D

The figure that does not belong to the group is

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

Question ID : 6789132745

Option 1 ID : 67891310980

Option 2 ID : 67891310978

Option 3 ID : 67891310979

Option 4 ID : 67891310977

Status : Answered

Chosen Option : 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

Question ID : 6789132764

Option 1 ID : 67891311054

Option 2 ID : 67891311053

Option 3 ID : 67891311056

Option 4 ID : 67891311055

Status : Not Answered

Chosen Option : --

- 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.

- Ans 1. He
 2. H
 3. Li
 4. Be

Question ID : 6789132774

Option 1 ID : 67891311093

Option 2 ID : 67891311094

Option 3 ID : 67891311095

Option 4 ID : 67891311096

Status : Answered

Chosen Option : 2

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

6

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

Question ID : 6789132757

Option 1 ID : 67891311026

Option 2 ID : 67891311025

Option 3 ID : 67891311027

Option 4 ID : 67891311028

Status : Answered

Chosen Option : 3

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

7

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

Question ID : 6789132788

Option 1 ID : 67891311149

Option 2 ID : 67891311152

Option 3 ID : 67891311151

Option 4 ID : 67891311150

Status : Not Answered

Chosen Option : --

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

8

Ans 1. 8
 2. 64
 3. 32
 4. 16

Question ID : 6789132722

Option 1 ID : 67891310887

Option 2 ID : 67891310888

Option 3 ID : 67891310886

Option 4 ID : 67891310885

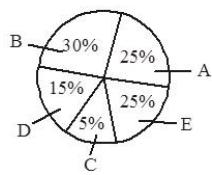
Status : Not Answered

Chosen Option : --

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

Question ID : 6789132741
Option 1 ID : 67891310962
Option 2 ID : 67891310964
Option 3 ID : 67891310961
Option 4 ID : 67891310963

Status : Answered

Chosen Option : 4

- Q.2 One way of dating fossils is by detecting the ratio of different _____ of the same element in the fossil material.
0

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

Question ID : 6789132780
Option 1 ID : 67891311120
Option 2 ID : 67891311119
Option 3 ID : 67891311118
Option 4 ID : 67891311117

Status : Answered

Chosen Option : 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
1 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

Question ID : 6789132720
Option 1 ID : 67891310877
Option 2 ID : 67891310879
Option 3 ID : 67891310880
Option 4 ID : 67891310878

Status : Answered

Chosen Option : 4

Q.2

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

Ans 1. 2.9

2. 290

3. 2900

4. 0.29

Question ID : 6789132707

Option 1 ID : 67891310825

Option 2 ID : 67891310826

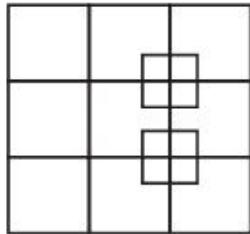
Option 3 ID : 67891310827

Option 4 ID : 67891310828

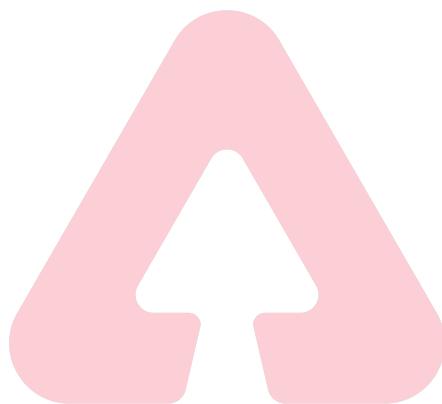
Status : Answered

Chosen Option : 3

Q.2 Find the number of squares in the following figure.
3



Ans 1. 24
 2. 20
 3. 22
 4. 26



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Question ID : 6789132750

Option 1 ID : 67891310999

Option 2 ID : 67891310997

Option 3 ID : 67891310998

Option 4 ID : 67891311000

Status : Answered

Chosen Option : 1

Q.2 Read the given statement(s) and conclusions carefully and select which of the conclusions logically follow(s) from the
4 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.

Question ID : **6789132729**
Option 1 ID : **67891310916**
Option 2 ID : **67891310915**
Option 3 ID : **67891310914**
Option 4 ID : **67891310913**
Status : **Answered**
Chosen Option : **4**

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

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

Question ID : **6789132705**
Option 1 ID : **67891310819**
Option 2 ID : **67891310820**
Option 3 ID : **67891310818**
Option 4 ID : **67891310817**
Status : **Answered**
Chosen Option : **2**

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

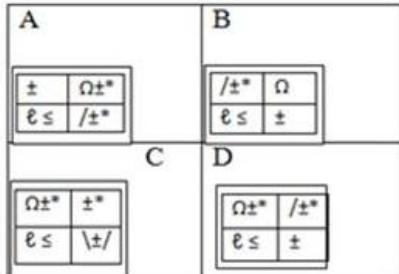
- Ans 1. Mumbai
 2. Bengaluru
 3. New Delhi
 4. Chennai

Question ID : **6789132781**
Option 1 ID : **67891311122**
Option 2 ID : **67891311121**
Option 3 ID : **67891311123**
Option 4 ID : **67891311124**
Status : **Not Answered**
Chosen Option : --

Q.2
7

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

$\leq\ell$	$\pm^*\Omega$?
$/\pm\backslash$	\pm^*	
$\backslash\pm/$	$\ell\leq$	
\pm^*	$\Omega\pm^*$	
$\pm^*\Omega$	$\leq\ell$	



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

Question ID : 6789132749
Option 1 ID : 67891310993
Option 2 ID : 67891310994
Option 3 ID : 67891310995
Option 4 ID : 67891310996
Status : Answered

Chosen Option : 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.

Question ID : 6789132731
Option 1 ID : 67891310924
Option 2 ID : 67891310922
Option 3 ID : 67891310923

Option 4 ID : 67891310921

Status : Answered

Chosen Option : 4

- Q.2** Given below is a statement followed by two assumptions numbered I and II. You have to consider the statement and the 9 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

Question ID : 6789132734

Option 1 ID : 67891310936

Option 2 ID : 67891310934

Option 3 ID : 67891310935

Option 4 ID : 67891310933

Status : Answered

Chosen Option : 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 0 coins are there?

Ans 1. 20

2. 60

3. 40

4. 80

Question ID : 6789132712

Option 1 ID : 67891310845

Option 2 ID : 67891310847

Option 3 ID : 67891310846

Option 4 ID : 67891310848

Status : Not Answered

Chosen Option : --

- Q.3** ‘Real’ is the currency of which country?
1

Ans 1. South Africa

2. Brazil

3. Ghana

4. Cambodia

Question ID : 6789132797

Option 1 ID : 67891311188

Option 2 ID : 67891311185

Option 3 ID : 67891311187

Option 4 ID : 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
2 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

Question ID : 6789132715
 Option 1 ID : 67891310858
 Option 2 ID : 67891310857
 Option 3 ID : 67891310859
 Option 4 ID : 67891310860

Status : Not Answered

Chosen Option : --

- 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
3 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

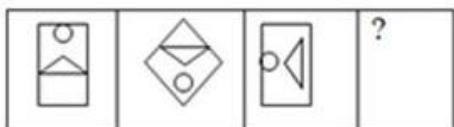
Question ID : 6789132713
 Option 1 ID : 67891310849
 Option 2 ID : 67891310850
 Option 3 ID : 67891310852
 Option 4 ID : 67891310851

Status : Not Answered

Chosen Option : --

- Q.3** ⁴ Select the option figure that will complete the series of question figures.

Question figures



Option figures

A	B	C	D

Ans 1. B
 2. C

3. D

4. A

Question ID : 6789132746

Option 1 ID : 67891310984

Option 2 ID : 67891310983

Option 3 ID : 67891310982

Option 4 ID : 67891310981

Status : Answered

Chosen Option : 4

Q.3 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.
5

Ans 1. 16

2. 24

3. 20

4. 18

Question ID : 6789132704

Option 1 ID : 67891310816

Option 2 ID : 67891310813

Option 3 ID : 67891310815

Option 4 ID : 67891310814

Status : Answered

Chosen Option : 2

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

Ans 1. Ahmedabad

2. Mysore

3. Hyderabad

4. Jaipur

Question ID : 6789132799

Option 1 ID : 67891311193

Option 2 ID : 67891311194

Option 3 ID : 67891311195

Option 4 ID : 67891311196

Status : Answered

Chosen Option : 1

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

Ans 1. 187.5 J

2. 17.5 J

3. 162.5 J

4. 162.5 ms

Question ID : 6789132761

Option 1 ID : 67891311041

Option 2 ID : 67891311043

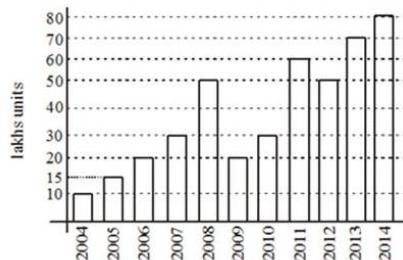
Option 3 ID : 67891311044

Option 4 ID : 67891311042

Status : Not Answered

Chosen Option : --

- Q.3 The following bar graph shows information on the sales of the personal computers by the company "XYZ" for the last
8 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

Question ID : 6789132742

Option 1 ID : 67891310966

Option 2 ID : 67891310965

Option 3 ID : 67891310968

Option 4 ID : 67891310967

Status : Answered

Chosen Option : 1

- Q.3 In which state of India 'Chhapar Mela' a social festival is organised?
9

- Ans ✓ 1. Punjab
✗ 2. Bihar
✗ 3. Odisha
✗ 4. Gujarat

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Question ID : 6789132786

Option 1 ID : 67891311144

Option 2 ID : 67891311142

Option 3 ID : 67891311143

Option 4 ID : 67891311141

Status : Not Answered

Chosen Option : --

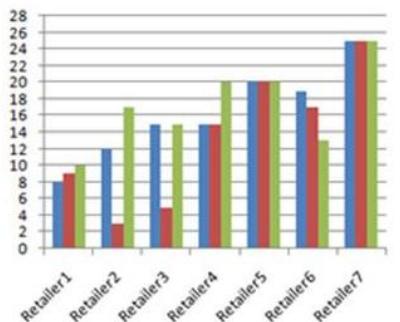
- Q.4 A company's CEO discusses the fund allocation with the CFO. This year the fund for new product development has
0 increased by one third of the fund allocated last year. Last year ₹ 20,00,000 was allotted for various activities including
product development that amounts to 30% of the activities.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

X 4. ₹ 6,00,000

Question ID : 6789132743
Option 1 ID : 67891310971
Option 2 ID : 67891310972
Option 3 ID : 67891310970
Option 4 ID : 67891310969
Status : Answered
Chosen Option : 1

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



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

Ans **X** 1. Retailer 4
X 2. Retailer 2
X 3. Retailer 3
✓ 4. Retailer 1

Question ID : 6789132740
Option 1 ID : 67891310957
Option 2 ID : 67891310959
Option 3 ID : 67891310958
Option 4 ID : 67891310960
Status : Answered
Chosen Option : 4

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

Ans **✓** 1. Pollination
X 2. Regeneration
X 3. Transpiration
X 4. Sexual reproduction

Question ID : 6789132779
Option 1 ID : 67891311116
Option 2 ID : 67891311115
Option 3 ID : 67891311113
Option 4 ID : 67891311114
Status : Answered
Chosen Option : 1

Q.4

3 Find the odd one out.



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

Question ID : 6789132747

Option 1 ID : 67891310986

Option 2 ID : 67891310985

Option 3 ID : 67891310988

Option 4 ID : 67891310987

Status : Not Answered

Chosen Option : --

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

adda24x

Question ID : 6789132723

Option 1 ID : 67891310891

Option 2 ID : 67891310889

Option 3 ID : 67891310890

Option 4 ID : 67891310892

Status : Answered

Chosen Option : 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

Question ID : 6789132709

Option 1 ID : 67891310833

Option 2 ID : 67891310834

Option 3 ID : 67891310836

Option 4 ID : 67891310835

Status : Answered

Chosen Option : 2

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

- Ans 1. Kalam SAT
 2. Cartosat-2C
 3. IRNSS-1G
 4. GSAT_6

Question ID : 6789132800
Option 1 ID : 67891311198
Option 2 ID : 67891311200
Option 3 ID : 67891311199
Option 4 ID : 67891311197

Status : Answered

Chosen Option : 1

Q.4 Who invented a smart glove called TerraBlue XT - TJay that predicts epileptic seizures?
7

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

Question ID : 6789132789
Option 1 ID : 67891311155
Option 2 ID : 67891311156
Option 3 ID : 67891311153
Option 4 ID : 67891311154

Status : Answered

Chosen Option : 1

Q.4 As of March 2018, how many Indians have won Grand Slam tournaments in tennis?
8

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

Question ID : 6789132782
Option 1 ID : 67891311127
Option 2 ID : 67891311126
Option 3 ID : 67891311125
Option 4 ID : 67891311128

Status : Answered

Chosen Option : 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
9 her son. The ratio of their present ages is :

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

Question ID : 6789132718

Option 1 ID : 67891310872

Option 2 ID : 67891310871

Option 3 ID : 67891310870

Option 4 ID : 67891310869

Status : Answered

Chosen Option : 4

Q.5 Which of the following represents the equation for position-time relation?
0

- Ans 1. $2as = v^2 - u^2$
 2. $s = ut + \frac{1}{2} at^2$
 3. $v = u + at$
 4. $V = u + at$

Question ID : 6789132758

Option 1 ID : 67891311031

Option 2 ID : 67891311030

Option 3 ID : 67891311032

Option 4 ID : 67891311029

Status : Not Answered

Chosen Option : --

Q.5 In a group of 100 students, every student studies 8 subjects and every subject is studied by 10 students. The number of 1 subjects are :

- Ans 1. Exactly 80
 2. May be 50
 3. At most 30
 4. At least 90

Question ID : 6789132724

Option 1 ID : 67891310896

Option 2 ID : 67891310893

Option 3 ID : 67891310895

Option 4 ID : 67891310894

Status : Answered

Chosen Option : 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

Question ID : 6789132792

Option 1 ID : 67891311167

Option 2 ID : 67891311166

Option 3 ID : 67891311165

Option 4 ID : 67891311168

Status : Answered

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

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

Question ID : 6789132766
 Option 1 ID : 67891311062
 Option 2 ID : 67891311061
 Option 3 ID : 67891311064
 Option 4 ID : 67891311063

Status : Answered

Chosen Option : 1

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

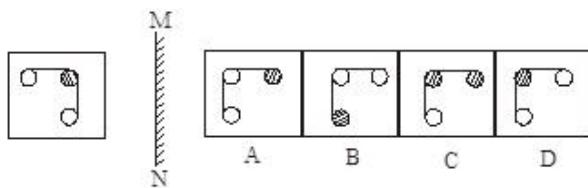
- Ans 1. Power
 2. Momentum
 3. Velocity
 4. Displacement

Question ID : 6789132762
 Option 1 ID : 67891311047
 Option 2 ID : 67891311046
 Option 3 ID : 67891311045
 Option 4 ID : 67891311048

Status : Answered

Chosen Option : 4

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



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

Question ID : 6789132755
 Option 1 ID : 67891311018
 Option 2 ID : 67891311017
 Option 3 ID : 67891311020
 Option 4 ID : 67891311019

Status : Answered

Chosen Option : 3

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

6

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

Question ID : 6789132759

Option 1 ID : 67891311033

Option 2 ID : 67891311036

Option 3 ID : 67891311035

Option 4 ID : 67891311034

Status : Answered

Chosen Option : 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

Question ID : 6789132793

Option 1 ID : 67891311170

Option 2 ID : 67891311169

Option 3 ID : 67891311172

Option 4 ID : 67891311171

Status : Answered

Chosen Option : 2

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

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

Question ID : 6789132796

Option 1 ID : 67891311183

Option 2 ID : 67891311182

Option 3 ID : 67891311184

Option 4 ID : 67891311181

Status : Answered

Chosen Option : 4

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

- Ans 1. Tennis
 2. Cricket
 3. Shooting

4. Hockey

Question ID : 6789132783
Option 1 ID : 67891311131
Option 2 ID : 67891311129
Option 3 ID : 67891311132
Option 4 ID : 67891311130
Status : Answered
Chosen Option : 2

Q.6 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

Question ID : 6789132728
Option 1 ID : 67891310909
Option 2 ID : 67891310912
Option 3 ID : 67891310911
Option 4 ID : 67891310910
Status : Answered
Chosen Option : 4

Q.6 Find the next number in the series.

1 4, 9, 20, 43, ?

- Ans 1. 100
 2. 92
 3. 82
 4. 90

Question ID : 6789132736
Option 1 ID : 67891310943
Option 2 ID : 67891310941
Option 3 ID : 67891310944
Option 4 ID : 67891310942
Status : Not Answered
Chosen Option : --

Q.6 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

Question ID : 6789132726
Option 1 ID : 67891310902

Option 2 ID : 67891310904

Option 3 ID : 67891310903

Option 4 ID : 67891310901

Status : Answered

Chosen Option : 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

3 in 4 days?

Ans 1. 8

2. 5

3. 10

4. 20

Question ID : 6789132714

Option 1 ID : 67891310856

Option 2 ID : 67891310855

Option 3 ID : 67891310854

Option 4 ID : 67891310853

Status : Answered

Chosen Option : 4

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

Ans 1. 39

2. 3

3. 78

4. 13

Question ID : 6789132701

Option 1 ID : 67891310804

Option 2 ID : 67891310802

Option 3 ID : 67891310801

Option 4 ID : 67891310803

Status : Answered

Chosen Option : 1

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

5

Ans 1. Sumitra Mahajan

2. Manohar Joshi

3. Meira Kumar

4. Somnath Chatterjee

Question ID : 6789132791

Option 1 ID : 67891311161

Option 2 ID : 67891311164

Option 3 ID : 67891311162

Option 4 ID : 67891311163

Status : Answered

Chosen Option : 1

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

6

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

Question ID : 6789132730
Option 1 ID : 67891310918
Option 2 ID : 67891310917
Option 3 ID : 67891310919
Option 4 ID : 67891310920
Status : Answered
Chosen Option : 2

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

- Ans 1
 2
 3
 4

Question ID : 6789132719
Option 1 ID : 67891310873
Option 2 ID : 67891310874
Option 3 ID : 67891310876
Option 4 ID : 67891310875
Status : Answered
Chosen Option : 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.

Question ID : 6789132778
Option 1 ID : 67891311109
Option 2 ID : 67891311112
Option 3 ID : 67891311111
Option 4 ID : 67891311110
Status : Answered
Chosen Option : 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

Question ID : 6789132787

Option 1 ID : 67891311145

Option 2 ID : 67891311148

Option 3 ID : 67891311146

Option 4 ID : 67891311147

Status : Answered

Chosen Option : 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

Question ID : 6789132790

Option 1 ID : 67891311159

Option 2 ID : 67891311157

Option 3 ID : 67891311158

Option 4 ID : 67891311160

Status : Answered

Chosen Option : 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

adda24x

Question ID : 6789132706

Option 1 ID : 67891310824

Option 2 ID : 67891310822

Option 3 ID : 67891310821

Option 4 ID : 67891310823

Status : Answered

Chosen Option : 3

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

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

Question ID : 6789132795

Option 1 ID : 67891311178

Option 2 ID : 67891311179

Option 3 ID : 67891311180

Option 4 ID : 67891311177

Status : Answered

Chosen Option : 4

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

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

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

Question ID : 6789132737

Option 1 ID : 67891310946

Option 2 ID : 67891310947

Option 3 ID : 67891310945

Option 4 ID : 67891310948

Status : Answered

Chosen Option : 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. $\frac{6}{13}$

Question ID : 6789132703

Option 1 ID : 67891310812

Option 2 ID : 67891310810

Option 3 ID : 67891310809

Option 4 ID : 67891310811

Status : Answered

Chosen Option : 2

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

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

Question ID : 6789132776

Option 1 ID : 67891311101

Option 2 ID : 67891311103

Option 3 ID : 67891311104

Option 4 ID : 67891311102

Status : Answered

Chosen Option : 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

Question ID : 6789132775

Option 1 ID : 67891311099

Option 2 ID : 67891311097

Option 3 ID : 67891311100

Option 4 ID : 67891311098

Status : Answered

Chosen Option : 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 keyboard is :

- Ans 1. ₹ 240
 2. ₹ 330
 3. ₹ 300
 4. ₹ 500

Question ID : 6789132711

Option 1 ID : 67891310842

Option 2 ID : 67891310841

Option 3 ID : 67891310843

Option 4 ID : 67891310844

Status : Answered

Chosen Option : 4

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

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

Question ID : 6789132735

Option 1 ID : 67891310937

Option 2 ID : 67891310940

Option 3 ID : 67891310938

Option 4 ID : 67891310939

Status : Answered

Chosen Option : 3

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

Ans 1. Fullerene

2. Carbon nanotube

3. Graphite

4. Diamond

Question ID : 6789132772

Option 1 ID : 67891311087

Option 2 ID : 67891311088

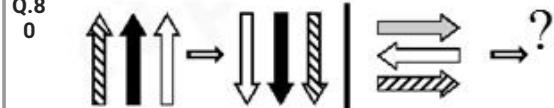
Option 3 ID : 67891311086

Option 4 ID : 67891311085

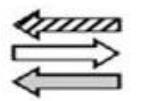
Status : Answered

Chosen Option : 1

Q.8



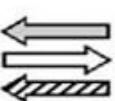
Which of the below picture correctly fits the above blank space(?) ?



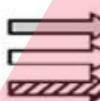
A



B



C



D

Ans 1. C

2. A

3. B

4. D

Question ID : 6789132748

Option 1 ID : 67891310991

Option 2 ID : 67891310989

Option 3 ID : 67891310990

Option 4 ID : 67891310992

Status : Answered

Chosen Option : 1

Q.8 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

Question ID : 6789132760

Option 1 ID : 67891311040

Option 2 ID : 67891311037

Option 3 ID : 67891311038
Option 4 ID : 67891311039
Status : Answered
Chosen Option : 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

Question ID : 6789132771
Option 1 ID : 67891311083
Option 2 ID : 67891311081
Option 3 ID : 67891311084
Option 4 ID : 67891311082
Status : Not Answered
Chosen Option : --

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

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

Question ID : 6789132767
Option 1 ID : 67891311068
Option 2 ID : 67891311065
Option 3 ID : 67891311066
Option 4 ID : 67891311067
Status : Answered
Chosen Option : 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

Question ID : 6789132721
Option 1 ID : 67891310882
Option 2 ID : 67891310881
Option 3 ID : 67891310884
Option 4 ID : 67891310883
Status : Not Answered
Chosen Option : --

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

Question ID : 6789132769
Option 1 ID : 67891311074
Option 2 ID : 67891311075
Option 3 ID : 67891311076
Option 4 ID : 67891311073
Status : Answered
Chosen Option : 2

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

- Ans ✗ 1. 1910
✗ 2. 1902
✗ 3. 1903
✓ 4. 1905

Question ID : 6789132794
Option 1 ID : 67891311173
Option 2 ID : 67891311175
Option 3 ID : 67891311176
Option 4 ID : 67891311174
Status : Answered
Chosen Option : 4

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

- Ans ✓ 1. Na
✗ 2. Fe
✗ 3. Cu
✗ 4. Au

Question ID : 6789132773
Option 1 ID : 67891311091
Option 2 ID : 67891311089
Option 3 ID : 67891311090
Option 4 ID : 67891311092
Status : Answered
Chosen Option : 3

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

Ans

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

Question ID : 6789132763

Option 1 ID : 67891311051

Option 2 ID : 67891311049

Option 3 ID : 67891311050

Option 4 ID : 67891311052

Status : Answered

Chosen Option : 3

Q.8 ₉ The natural colour of litmus is _____.

- Ans
- 1. red
 - 2. pink
 - 3. blue
 - 4. purple

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

Question ID : 6789132770

Option 1 ID : 67891311080

Option 2 ID : 67891311077

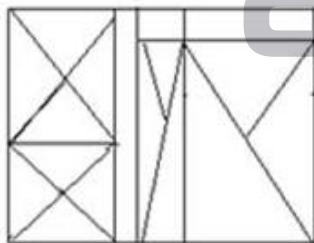
Option 3 ID : 67891311079

Option 4 ID : 67891311078

Status : Answered

Chosen Option : 2

Q.9 ₀ How many triangles are there in the following figure?



- Ans
- 1. 22
 - 2. 27
 - 3. 23
 - 4. 24

Question ID : 6789132752

Option 1 ID : 67891311008

Option 2 ID : 67891311005

Option 3 ID : 67891311007

Option 4 ID : 67891311006

Status : Answered

Chosen Option : 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

Question ID : 6789132739

Option 1 ID : 67891310955

Option 2 ID : 67891310953

Option 3 ID : 67891310954

Option 4 ID : 67891310956

Status : Answered

Chosen Option : 4

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

2

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

Question ID : 6789132727

Option 1 ID : 67891310906

Option 2 ID : 67891310907

Option 3 ID : 67891310908

Option 4 ID : 67891310905

Status : Answered

Chosen Option : 4

Q.9 Supriya is playing chess with Pallavi. If Supriya is facing North direction, in which direction Pallavi is facing

3 considering the standard chess seating position?

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

Question ID : 6789132754

Option 1 ID : 67891311013

Option 2 ID : 67891311016

Option 3 ID : 67891311014

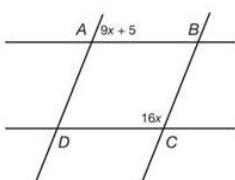
Option 4 ID : 67891311015

Status : Answered

Chosen Option : 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

Question ID : 6789132725

Option 1 ID : 67891310900

Option 2 ID : 67891310897

Option 3 ID : 67891310898

Option 4 ID : 67891310899

Status : Not Answered

Chosen Option : --

- Q.9 5 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. $-\frac{2538}{1331}$

Question ID : 6789132708

Option 1 ID : 67891310830

Option 2 ID : 67891310829

Option 3 ID : 67891310831

Option 4 ID : 67891310832

Status : Not Answered

Chosen Option : --

- Q.9 6 Who invented the periodic table?

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

Question ID : 6789132798

Option 1 ID : 67891311191

Option 2 ID : 67891311190

Option 3 ID : 67891311189

Option 4 ID : 67891311192

Status : Answered

Chosen Option : 2

- Q.9 7 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

X 3. 450

X 4. 550

Question ID : 6789132716

Option 1 ID : 67891310861

Option 2 ID : 67891310863

Option 3 ID : 67891310862

Option 4 ID : 67891310864

Status : Answered

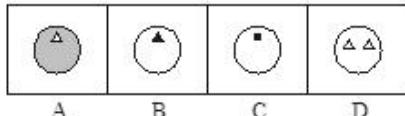
Chosen Option : 2

Q.9 Find the next figure for the given series:
8

Problem figures



Answer figures:



A B C D

Ans **X** 1. D

X 2. C

✓ 3. B

X 4. A



Question ID : 6789132744

Option 1 ID : 67891310976

Option 2 ID : 67891310975

Option 3 ID : 67891310974

Option 4 ID : 67891310973

Status : Answered

Chosen Option : 3

Q.9 The atomic mass of Calcium is :

Ans **X** 1. 24

✓ 2. 40

X 3. 23

X 4. 32

Question ID : 6789132768

Option 1 ID : 67891311070

Option 2 ID : 67891311072

Option 3 ID : 67891311069

Option 4 ID : 67891311071

Status : Not Answered

Chosen Option : --

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

- Ans 1. 4150
 2. 5140
 3. 4130
 4. 4140

Question ID : **6789132702**

Option 1 ID : **67891310805**

Option 2 ID : **67891310808**

Option 3 ID : **67891310807**

Option 4 ID : **67891310806**

Status : **Answered**

Chosen Option : **4**

