



# 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  $7\text{ ms}^{-1}$
- 2  $8\text{ ms}^{-1}$
- 3  $4\text{ ms}^{-1}$
- 4  $7\text{ ms}^{-1}$

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

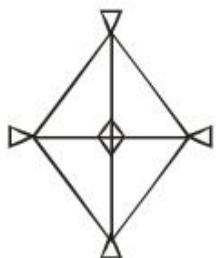
Quest on D 6789132765  
Opt on 1 D 67891311060  
Opt on 2 D 67891311059  
Opt on 3 D 67891311058  
Opt on 4 D 67891311057  
Status Not Answered  
Chosen Opt on --

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 5<sup>th</sup> September

2 14<sup>th</sup> October

3 10<sup>th</sup> January

4 26<sup>th</sup> 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** P 3 R I M J 3 Q % W @ / N \$ E 5 X Y 1 # 8  
0

In the above series, the 6<sup>th</sup> term to the left of the 15<sup>th</sup> 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**



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

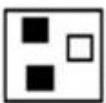
Q.1  
 3



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.

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 --

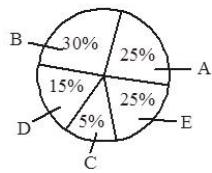
Q.1 8 The sample space of four coins tossed together is :

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.  
0

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  
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

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

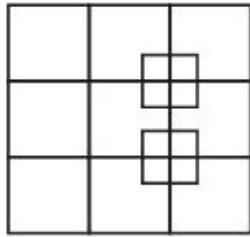
Opt on 3 D 67891310827

Opt on 4 D 67891310828

Status Answered

Chosen Opt on 3

Q.2 <sub>3</sub> 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

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.

✓ <sup>3</sup> Both 1 and 2 follows.

✗ <sup>4</sup> 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 <sub>5</sub> What is the HCF of 16, 72 and 28 ?

Ans ✗ <sup>1</sup> 3

✓ <sup>2</sup> 4

✗ <sup>3</sup> 2

✗ <sup>4</sup> 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 <sub>6</sub> Sagar Baheti has become the first visually impaired Indian runner to complete the historic Boston Marathon. Where does Sagar hail from?

Ans ✗ <sup>1</sup> Mumbai

✓ <sup>2</sup> Bengaluru

✗ <sup>3</sup> New Delhi

✗ <sup>4</sup> 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 <sub>7</sub>

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

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

<b>A</b>	<b>B</b>
$\pm$	$\Omega\pm^*$
$\ell\leq$	$/\pm\backslash$
<b>C</b>	<b>D</b>
$\Omega\pm^*$	$\pm^*$
$\ell\leq$	$\backslash\pm/$
$\Omega\pm^*$	$/\pm^*$
$\ell\leq$	$\pm$

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  
8 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 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

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 0 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?  
1

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  
 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

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  
 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

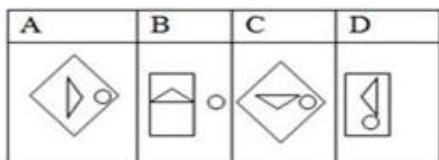
Quest on D 6789132713  
 Opt on 1 D 67891310849  
 Opt on 2 D 67891310850  
 Opt on 3 D 67891310852  
 Opt on 4 D 67891310851  
 Status Not Answered  
 Chosen Opt on --

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

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 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

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

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 An object of mass 13 kg is moving with a uniform velocity of  $5 \text{ ms}^{-1}$ . 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

Quest on D 6789132761

Opt on 1 D 67891311041

Opt on 2 D 67891311043

Opt on 3 D **67891311044**

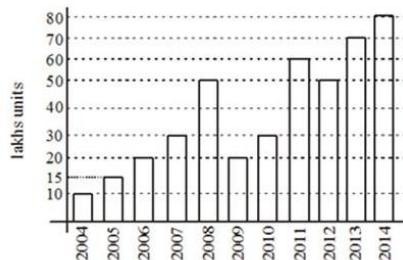
Opt on 4 D **67891311042**

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

**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

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 'Chhapor Mela' a social festival is organised?  
**9**

**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

**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

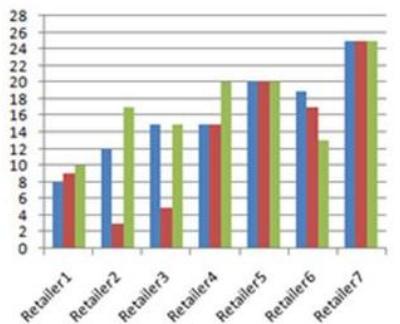
**2** ₹ 10,00,000

**3** ₹ 12,00,000

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 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  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 Transfer of pollengrains from anther to the stigma of a flower is called \_\_\_\_\_.  
2

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

Q.4

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 this question, discrepancy's found in question/answer. So, this question is ignored for analysis and 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 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  
5 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  
**6** is it called?

Ans  **1** Kalam SAT  
 **2** Cartosat-2C  
 **3** IRNSS-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?  
**7**

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?  
**8**

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  
**9** 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?  
0

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 1 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 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

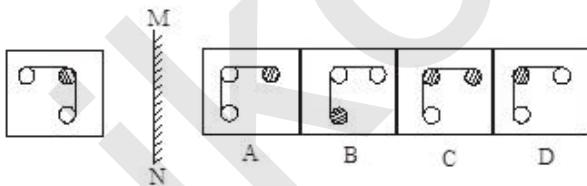
Quest on D 6789132766  
 Opt on 1 D 67891311062  
 Opt on 2 D 67891311061  
 Opt on 3 D 67891311064  
 Opt on 4 D 67891311063  
 Status Answered  
 Chosen Opt on 1

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

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 Choose the mirror image for the following figure.  
5



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 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

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 17<sup>th</sup> 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<sub>0</sub> 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<sub>1</sub> 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<sub>2</sub> 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

**3** 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 :

**4**  **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?

**5**  **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?

**6**

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 <sub>7</sub> The number of odd days in a NON leap year is :

Ans  1  
 2  
 3  
 4

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 <sub>8</sub> 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 <sub>9</sub> 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 <sub>3</sub> 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 <sub>4</sub> 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 <sub>5</sub> 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

**8** 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

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 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

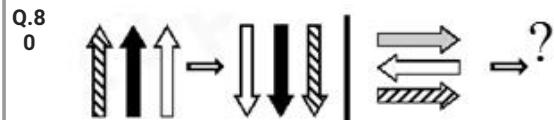
Opt on 3 D 67891311086

Opt on 4 D 67891311085

Status Answered

Chosen Opt on 1

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

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 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 <sub>2</sub> 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 <sub>3</sub> \_\_\_\_\_ 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 <sub>4</sub> 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 <sub>5</sub>

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

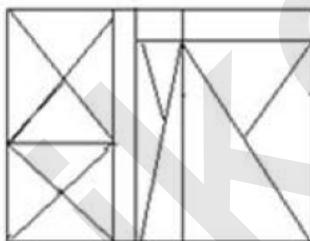
Q.8 <sub>9</sub> The natural colour of litmus is \_\_\_\_\_.

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 analysis and 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 <sub>0</sub> 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 father's 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

3 considering the standard chess seating position?

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

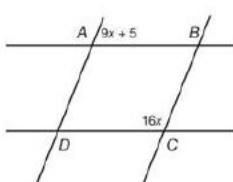
Opt on 4 D 67891311015

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?  
5

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?  
6

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  
7 marks he could have scored?

Ans  1 400  
 2 500

**X** 3 450

**X** 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

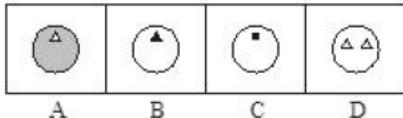
Chosen Opt on 2

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

Problem figures



Answer figures:



Ans **X** 1 D

**X** 2 C

**✓** 3 B

**X** 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 **X** 1 24

**✓** 2 40

**X** 3 23

**X** 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