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# RAILWAY RECRUITMENT BOARDS

## रेलवे भर्ती बोर्ड

### Level-1 Posts CEN-02/2018

Participant ID:	282017090700509
Participants Name:	PAMARTHY HARSHITH
Test Center Name:	iON Digital Zone iDZ Sanath Nagar
Test Date:	23/09/2018
Test Time:	12:30 PM - 2:00 PM
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 The LCM of  $15x^3y^4$  and  $12x^2y^5$  is:

- Ans
- 1.  $25x^3y^5$
  - 2.  $15x^3y^5$
  - 3.  $12x^3y^3$
  - 4.  $60x^3y^5$

Question ID : 6789131003  
Option 1 ID : 6789134012  
Option 2 ID : 6789134011  
Option 3 ID : 6789134009  
Option 4 ID : 6789134010  
Status : Answered  
Chosen Option : 4

Q.2 An object of mass 1 kg has a potential energy of 2 J relative to the ground, when it is at a height of: Take  $g = 10 \text{ m/s}^2$ .

- Ans
- 1. 0.2 m
  - 2. 1 m
  - 3. 0.1 m
  - 4. 0.5 m

Question ID : 6789131062  
Option 1 ID : 6789134248  
Option 2 ID : 6789134245  
Option 3 ID : 6789134247  
Option 4 ID : 6789134246  
Status : Answered  
Chosen Option : 1

Q.3

Find the next number in the series:

13, 18, 28, 43, 63, ?

- Ans
- 1. 89
  - 2. 88
  - 3. 90
  - 4. 85

Question ID : 6789131036  
Option 1 ID : 6789134142  
Option 2 ID : 6789134141  
Option 3 ID : 6789134144  
Option 4 ID : 6789134143  
Status : Answered  
Chosen Option : 2

Q.4  $84 \div [50 - \{4^3 - (30 - 128 \div 8 \times 4)\}] = ?$

- Ans
- 1. 12
  - 2. 3
  - 3. 4
  - 4. 7

Question ID : 6789131007  
Option 1 ID : 6789134028  
Option 2 ID : 6789134025  
Option 3 ID : 6789134026  
Option 4 ID : 6789134027  
Status : Answered  
Chosen Option : 4

Q.5 Babur, an Afghan ruler, established the Mughal dynasty in India in \_\_\_\_\_.

- Ans
- 1. 1526 AD
  - 2. 1256 AD
  - 3. 1656 AD
  - 4. 1652 AD

Question ID : 6789131094  
Option 1 ID : 6789134375  
Option 2 ID : 6789134373  
Option 3 ID : 6789134374  
Option 4 ID : 6789134376  
Status : Not Answered  
Chosen Option : --

Q.6 Rahim started a journey 15 minutes late, and as a result, had to drive at a speed of 54 km/h instead of 45 km/h to reach his destination on time. What is the distance covered during the course of the journey?

- Ans
- 1. 90 km
  - 2. 67.5 km
  - 3. 13.5 km

✗ 4. 75.5 km

Question ID : 6789131014  
Option 1 ID : 6789134056  
Option 2 ID : 6789134053  
Option 3 ID : 6789134054  
Option 4 ID : 6789134055  
Status : Answered  
Chosen Option : 2

Q.7 In a square park having a side of 23 m two 3 m wide paths run through the centre of the park. What will be the total cost of gravelling the path at the rate of ₹ 1/dm<sup>2</sup>?

- Ans
- ✗ 1. ₹ 129
  - ✗ 2. ₹ 13,800
  - ✓ 3. ₹ 12,900
  - ✗ 4. ₹ 138

Question ID : 6789131020  
Option 1 ID : 6789134079  
Option 2 ID : 6789134077  
Option 3 ID : 6789134080  
Option 4 ID : 6789134078  
Status : Not Answered  
Chosen Option : --

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

Statement:

- All emeralds are gems.
- All gems are rocks.

Conclusions:

1. All emeralds are rocks.
2. All rocks are emeralds.

- Ans
- ✗ 1. Only conclusion 2 follows.
  - ✗ 2. No conclusions follow.
  - ✗ 3. All the conclusions follow.
  - ✓ 4. Only conclusion 1 follows.

Question ID : 6789131029  
Option 1 ID : 6789134113  
Option 2 ID : 6789134116  
Option 3 ID : 6789134114  
Option 4 ID : 6789134115  
Status : Answered  
Chosen Option : 4

Q.9 Who has been appointed as the first female chief justice of Pakistan?

- Ans
- ✓ 1. Syeda Tahira Saifdar

- 2. Fauziya Ahmed
- 3. Jameela Khan
- 4. Nabeela Hussain

Question ID : 6789131087  
Option 1 ID : 6789134345  
Option 2 ID : 6789134346  
Option 3 ID : 6789134347  
Option 4 ID : 6789134348  
Status : Answered  
Chosen Option : 4

Q.1  
0 How many banks were nationalised in 1969?

- Ans
- 1. 8
  - 2. 10
  - 3. 7
  - 4. 14

Question ID : 6789131098  
Option 1 ID : 6789134392  
Option 2 ID : 6789134389  
Option 3 ID : 6789134391  
Option 4 ID : 6789134390  
Status : Answered  
Chosen Option : 4

Q.1  
1 How many squares are present in the following figure?



- Ans
- 1. 15
  - 2. 18
  - 3. 16
  - 4. 17

Question ID : 6789131051  
Option 1 ID : 6789134201  
Option 2 ID : 6789134204  
Option 3 ID : 6789134202  
Option 4 ID : 6789134203  
Status : Not Answered  
Chosen Option : --

Q.1  
2 The power of a lens is  $-2.5$  D. The type of lens and its focal length are respectively:

- Ans
- 1. Convex,  $-0.40$  m
  - 2. Concave,  $-0.40$  m
  - 3. Concave,  $0.40$  m

4. Convex, 0.40 m

Question ID : 6789131064  
 Option 1 ID : 6789134255  
 Option 2 ID : 6789134253  
 Option 3 ID : 6789134254  
 Option 4 ID : 6789134256  
 Status : Not Answered  
 Chosen Option : --

Q.1  
3 Which mela/fair to be listed in UNESCO's list of Intangible cultural heritage.

- Ans  1. Kumbh Mela  
 2. Gangasagar Mela  
 3. Jagannath Rath-Yatra Mela  
 4. Pushkar Fair

Question ID : 6789131084  
 Option 1 ID : 6789134335  
 Option 2 ID : 6789134336  
 Option 3 ID : 6789134334  
 Option 4 ID : 6789134333  
 Status : Answered  
 Chosen Option : 1

Q.1  
4 Ce-58 is a member of \_\_\_\_\_ block of elements.

- Ans  1. d  
 2. p  
 3. f  
 4. s

Question ID : 6789131068  
 Option 1 ID : 6789134272  
 Option 2 ID : 6789134271  
 Option 3 ID : 6789134270  
 Option 4 ID : 6789134269  
 Status : Answered  
 Chosen Option : 2

Q.1  
5 An object of mass 20 kg is moving with a uniform velocity of  $5\text{ms}^{-1}$ . What is the kinetic energy possessed by it

- Ans  1. 350 J  
 2. 150 J  
 3. 200 J  
 4. 250 J

Question ID : 6789131060  
 Option 1 ID : 6789134237  
 Option 2 ID : 6789134239  
 Option 3 ID : 6789134240  
 Option 4 ID : 6789134238

Status : Answered  
Chosen Option : 4

Q.1  
6 Who predicted the existence of some yet to be discovered elements on the basis of gaps in his periodic table?

- Ans
- 1. Mendeleev
  - 2. Dobereiner
  - 3. Newlands
  - 4. Mosely

Question ID : 6789131067  
Option 1 ID : 6789134267  
Option 2 ID : 6789134265  
Option 3 ID : 6789134266  
Option 4 ID : 6789134268  
Status : Answered  
Chosen Option : 2

Q.1  
7 Which of the following three elements have filled outermost shells?

- Ans
- 1. Magnesium (mg), Helium (He), Neon (Ne)
  - 2. Magnesium (mg), Calcium (ca), Barium (Ba)
  - 3. Lithium (Li), Sodium (Na), Potassium (K)
  - 4. Helium (He), Neon(Ne), Argon (Ar)

Question ID : 6789131075  
Option 1 ID : 6789134300  
Option 2 ID : 6789134299  
Option 3 ID : 6789134297  
Option 4 ID : 6789134298  
Status : Answered  
Chosen Option : 4

Q.1  
8 Seema got ₹ 50 from her father and bought a toffee for ₹ 15. Her mother gave her ₹ 30, but her brother took ₹ 42 from her. How much money was left with her?

- Ans
- 1. ₹ 20
  - 2. ₹ 25
  - 3. ₹ 23
  - 4. ₹ 24

Question ID : 6789131006  
Option 1 ID : 6789134024  
Option 2 ID : 6789134021  
Option 3 ID : 6789134023  
Option 4 ID : 6789134022  
Status : Answered  
Chosen Option : 3

Q.1  
9

Find the odd one out:

T	V	L	M
A	B	C	D

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

Question ID : 6789131044  
Option 1 ID : 6789134173  
Option 2 ID : 6789134174  
Option 3 ID : 6789134175  
Option 4 ID : 6789134176  
Status : Answered  
Chosen Option : 4

Q.2 Qutub-ud-din Aibak became the first Sultan of Delhi in \_\_\_\_\_.

- Ans
- 1. 1206 AD
  - 2. 1060 AD
  - 3. 1260 AD
  - 4. 1606 AD

Question ID : 6789131095  
Option 1 ID : 6789134378  
Option 2 ID : 6789134377  
Option 3 ID : 6789134380  
Option 4 ID : 6789134379  
Status : Not Answered  
Chosen Option : --

Q.2 The area of an equilateral triangle is half the area of a square. The ratio of the height of the said triangle and an edge of the square is:

- Ans
- 1.  $\sqrt{3} : 2$
  - 2.  $\sqrt{2} : \sqrt[4]{3}$
  - 3.  $\sqrt{3} : \sqrt[4]{2}$
  - 4.  $\sqrt[4]{3} : 2$

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

Question ID : 6789131016  
Option 1 ID : 6789134062  
Option 2 ID : 6789134063  
Option 3 ID : 6789134061  
Option 4 ID : 6789134064  
Status : Answered  
Chosen Option : 1

Q.2



2 If PINE is written as SLQH, then how will you write ATE?

- Ans  1. DWH  
 2. WEI  
 3. EWI  
 4. EUG

Question ID : 6789131031

Option 1 ID : 6789134121

Option 2 ID : 6789134123

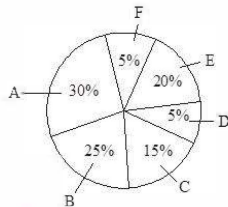
Option 3 ID : 6789134122

Option 4 ID : 6789134124

Status : Answered

Chosen Option : 1

Q.2 The following pie diagram shows the information about Non Performing Assets (NPA) processed by the various banks of India until December 2017. If the total NPA under all the banks is 300 lakh crores, which bank contains more NPA compared to the other banks?



- Ans  1. F  
 2. B  
 3. A  
 4. E

Question ID : 6789131041

Option 1 ID : 6789134164

Option 2 ID : 6789134162

Option 3 ID : 6789134161

Option 4 ID : 6789134163

Status : Answered

Chosen Option : 3

Q.2 Select the option that is related to the third word on the same basis as the second word is related to the first word.

4

Hot : Cold :: Talk : ?

- Ans  1. Walk  
 2. Silence  
 3. Composed  
 4. Calm

Question ID : 6789131027

Option 1 ID : 6789134108

Option 2 ID : 6789134107

Option 3 ID : 6789134106

Option 4 ID : 6789134105

Status : Answered

Chosen Option : 2

**Q.2** Name the committee that has been constituted by the union government to examine the existing framework with regard to virtual currencies?

- Ans**
- 1. Dharamraj Committee
  - 2. Dinesh Sharma Committee
  - 3. Dheeraj Sharma Committee
  - 4. Govind Rajan Committee

Question ID : 6789131092  
Option 1 ID : 6789134368  
Option 2 ID : 6789134365  
Option 3 ID : 6789134367  
Option 4 ID : 6789134366  
Status : Not Answered  
Chosen Option : --

**Q.2** An express train moves with a speed of 144 km/hr. Calculate the distance covered by train in 15 minutes.

- Ans**
- 1. 35 km
  - 2. 32 km
  - 3. 33 km
  - 4. 36 km

Question ID : 6789131013  
Option 1 ID : 6789134052  
Option 2 ID : 6789134050  
Option 3 ID : 6789134049  
Option 4 ID : 6789134051  
Status : Answered  
Chosen Option : 4

**Q.2** A question is given followed by two arguments numbered I and II. You have to decide which of the arguments is a 'strong' argument.

**Question:** Should the people of India pay taxes to the government?

**Arguments :**

- I. Yes, taxes have to be paid to the government to run the country.
- II. No, taxes need not be paid, as a person has to look after his /her needs first.

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

Question ID : 6789131032  
Option 1 ID : 6789134127  
Option 2 ID : 6789134128  
Option 3 ID : 6789134125  
Option 4 ID : 6789134126  
Status : Answered  
Chosen Option : 3

Q.2  
8 What is Sublimation?

- Ans
- 1. It is the process of conversion of a liquid into gas.
  - 2. It is the process of conversion of a solid into liquid.
  - 3. It is the process of conversion of a solid into vapour.
  - 4. It is the process of conversion of a gas into liquid.

Question ID : 6789131069  
Option 1 ID : 6789134275  
Option 2 ID : 6789134276  
Option 3 ID : 6789134274  
Option 4 ID : 6789134273  
Status : Answered  
Chosen Option : 1

Q.2  
9 Pipes A and C can fill an empty cistern in 7 and 10.5 hours, respectively while Pipe B can drain the filled cistern in 5.25 hours. If the three pipes are turned on together when the cistern is empty, how many hours will it take for the cistern to be  $\frac{2}{3}$  full?

- Ans
- 1. 21
  - 2. 12
  - 3. 14
  - 4. 15.75

Question ID : 6789131018  
Option 1 ID : 6789134069  
Option 2 ID : 6789134071  
Option 3 ID : 6789134072  
Option 4 ID : 6789134070  
Status : Answered  
Chosen Option : 3

Q.3  
0 Find the odd one out:

S	ε	e	7
A	B	C	D

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

Question ID : 6789131047  
Option 1 ID : 6789134186  
Option 2 ID : 6789134187  
Option 3 ID : 6789134188  
Option 4 ID : 6789134185  
Status : Answered  
Chosen Option : 3

Q.3  
1 The \_\_\_\_\_ is connected in parallel in an electric circuit.

- Ans
- 1. Voltmeter
  - 2. Fuse
  - 3. Galvanometer
  - 4. Ammeter

Question ID : 6789131074  
Option 1 ID : 6789134295  
Option 2 ID : 6789134296  
Option 3 ID : 6789134294  
Option 4 ID : 6789134293  
Status : Answered  
Chosen Option : 4

Q.3  
2 Find the next term in the series.

C2, G12, K72, \_\_\_\_\_.

- Ans
- 1. O434
  - 2. O432
  - 3. P434
  - 4. P432

Question ID : 6789131038  
Option 1 ID : 6789134149  
Option 2 ID : 6789134150  
Option 3 ID : 6789134152  
Option 4 ID : 6789134151  
Status : Answered  
Chosen Option : 1

Q.3  
3 Read the given statements and the following conclusions carefully and select which of the conclusions logically follow(s) from the statements.

Statements:

- All spectacles are glass.
- All glass are sand.

Conclusions:

1. All spectacles are sand.
2. All sand are glass.

- Ans
- 1. Only conclusion 2 follows.
  - 2. All the conclusions follow.
  - 3. Only conclusion 1 follows.
  - 4. None of the conclusions follows.

Question ID : 6789131030  
Option 1 ID : 6789134117

Option 2 ID : 6789134118  
Option 3 ID : 6789134119  
Option 4 ID : 6789134120  
Status : Answered  
Chosen Option : 3

Q.3  
4 Which of the following does NOT belong to this group?

- A. Rock
- B. River
- C. Author
- D. Mountain

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

Question ID : 6789131045  
Option 1 ID : 6789134180  
Option 2 ID : 6789134177  
Option 3 ID : 6789134179  
Option 4 ID : 6789134178  
Status : Answered  
Chosen Option : 3

Q.3  
5 Satya Pal Malik was appointed as the governor of \_\_\_\_\_ by President Ram Nath Kovind.

- Ans
- 1. Chhattisgarh
  - 2. Bihar
  - 3. Odisha
  - 4. Jharkhand

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

Question ID : 6789131091  
Option 1 ID : 6789134364  
Option 2 ID : 6789134362  
Option 3 ID : 6789134363  
Option 4 ID : 6789134361  
Status : Answered  
Chosen Option : 3

Q.3  
6 In 2018, who took charge as the chief of the Narcotics Control Bureau?

- Ans
- 1. H. P. Kumar
  - 2. Abhay
  - 3. S. C. Rohatgi
  - 4. Rakesh Goyal

Question ID : 6789131088

Option 1 ID : 6789134351

Option 2 ID : 6789134349

Option 3 ID : 6789134350

Option 4 ID : 6789134352

Status : Not Answered

Chosen Option : --

Q.3  
7 Which of the following physical quantities has no unit?

- Ans
- 1. Momentum
  - 2. Density
  - 3. Pressure
  - 4. Relative density

Question ID : 6789131058

Option 1 ID : 6789134231

Option 2 ID : 6789134229

Option 3 ID : 6789134232

Option 4 ID : 6789134230

Status : Answered

Chosen Option : 4

Q.3  
8 Consider the given statement(s) and decide which of the given assumption(s) is/are implicit in the statement.

Statement:

Exercise improves overall health.

Assumptions:

- I. Increased serotonin levels brings health benefits.
- II. Exercise removes toxins naturally in the form of sweat.

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

Question ID : 6789131034

Option 1 ID : 6789134133

Option 2 ID : 6789134135

Option 3 ID : 6789134136

Option 4 ID : 6789134134

Status : Answered

Chosen Option : 3

Q.3  
9  $X = \frac{63.5535}{13.05}$

Find the value of x?

- Ans
- 1. 4.46
  - 2. 4.28

✓ 3. 4.87

✗ 4. 4.48

Question ID : 6789131001  
Option 1 ID : 6789134001  
Option 2 ID : 6789134004  
Option 3 ID : 6789134003  
Option 4 ID : 6789134002  
Status : Answered  
Chosen Option : 3

Q.4 In a village, 15% of the population are females and there are 272 males. Find the total population of that village.  
0

Ans ✗ 1. 400

✗ 2. 420

✗ 3. 380

✓ 4. 320

Question ID : 6789131011  
Option 1 ID : 6789134043  
Option 2 ID : 6789134041  
Option 3 ID : 6789134044  
Option 4 ID : 6789134042  
Status : Answered  
Chosen Option : 4

Q.4 What is the GDP growth rate for India in 2019-20 projected by the International Monetary Fund (IMF)?  
1

Ans ✗ 1. 6.5%

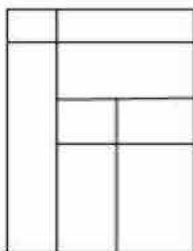
✓ 2. 7.5%

✗ 3. 6%

✗ 4. 5.5%

Question ID : 6789131099  
Option 1 ID : 6789134396  
Option 2 ID : 6789134394  
Option 3 ID : 6789134395  
Option 4 ID : 6789134393  
Status : Answered  
Chosen Option : 2

Q.4 How many rectangles are there in the following figure?  
2



Ans ✗ 1. 21

✓ 2. 20

✗ 3. 24

✗ 4. 19

Question ID : 6789131052

Option 1 ID : 6789134205

Option 2 ID : 6789134207

Option 3 ID : 6789134206

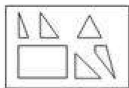
Option 4 ID : 6789134208

Status : Not Answered

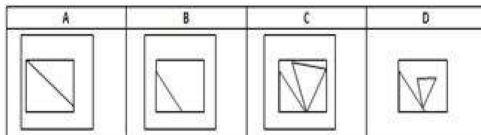
Chosen Option : --

Q.4  
3 Which of the answer figures is formed from the shapes given the problem figure?

Problem figure:



Answer figure:



Ans ✓ 1. C

✗ 2. B

✗ 3. D

✗ 4. A

Question ID : 6789131053

Option 1 ID : 6789134211

Option 2 ID : 6789134210

Option 3 ID : 6789134212

Option 4 ID : 6789134209

Status : Answered

Chosen Option : 1

Q.4  
4 Which of the given assumptions is/are implied from the below statement?

Statement:

Too much urbanisation leads to mass pollution of land and water.

Assumptions:

- I. The statement highlights the alarming condition of depleting natural resources.
- II. Urbanisation is representative of economic empowerment.

Ans ✗ 1. Neither assumption I nor II is implicit



- 2. Only assumption II is implicit
- 3. Both assumption I and II are implicit
- 4. Only assumption I is implicit

Question ID : 6789131035  
Option 1 ID : 6789134139  
Option 2 ID : 6789134138  
Option 3 ID : 6789134140  
Option 4 ID : 6789134137  
Status : Not Answered  
Chosen Option : --

Q.4 An object floats in water with one-third of its volume under water. The density of the object is n times the density of water where n is:

- Ans
- 1.  $1/6$
  - 2.  $1/3$
  - 3.  $1/4$
  - 4.  $1/2$

Question ID : 6789131059  
Option 1 ID : 6789134236  
Option 2 ID : 6789134234  
Option 3 ID : 6789134235  
Option 4 ID : 6789134233  
Status : Not Answered  
Chosen Option : --

Q.4 The state animal of Haryana is \_\_\_\_\_.

- Ans
- 1. Alligator
  - 2. Blackbuck
  - 3. Ox
  - 4. Rhinoceros

Question ID : 6789131097  
Option 1 ID : 6789134388  
Option 2 ID : 6789134385  
Option 3 ID : 6789134386  
Option 4 ID : 6789134387  
Status : Answered  
Chosen Option : 2

Q.4 What is the chemical formula of Alkynes?

- Ans
- 1.  $C_nH_{2n-1}$
  - 2.  $C_nH_{2n}$
  - 3.  $C_nH_{2n-2}$
  - 4.  $C_nH_{2n+1}$

Question ID : 6789131073

Option 1 ID : 6789134292  
Option 2 ID : 6789134289  
Option 3 ID : 6789134290  
Option 4 ID : 6789134291  
Status : Answered  
Chosen Option : 2

Q.4  
8 Which country recently overtook Saudi Arabia as India's top oil supplier?

- Ans
- 1. Kuwait
  - 2. Iraq
  - 3. United Arab Emirates
  - 4. Oman

Question ID : 6789131100  
Option 1 ID : 6789134398  
Option 2 ID : 6789134397  
Option 3 ID : 6789134400  
Option 4 ID : 6789134399  
Status : Not Answered  
Chosen Option : --

Q.4  
9 The resistance of a metallic wire is:

- Ans
- 1. directly proportional to its length and inversely proportional to its area of cross-section.
  - 2. inversely proportional to the product of its area of cross-section and length
  - 3. inversely proportional to its length and directly proportional to its area of cross-section
  - 4. directly proportional to the product of its area of cross-section and length

Question ID : 6789131066  
Option 1 ID : 6789134264  
Option 2 ID : 6789134262  
Option 3 ID : 6789134263  
Option 4 ID : 6789134261  
Status : Answered  
Chosen Option : 1

Q.5  
0 Let us say that the price of a pen has increased from ₹ 10 to ₹ 15. What is the ratio of its original price to the new price?

- Ans
- 1. 3 : 2
  - 2. 2 : 3
  - 3. 5 : 4
  - 4. 4 : 5

Question ID : 6789131009  
Option 1 ID : 6789134036  
Option 2 ID : 6789134035  
Option 3 ID : 6789134033

Option 4 ID : 6789134034  
Status : Answered  
Chosen Option : 2

**Q.5** Read the given statements and conclusions carefully and select which of the conclusions logically follow(s) from the statements.

**Statements:**

- All liquids are fluid.
- All fluids are viscous.

**Conclusions:**

1. All viscous are liquids.
2. All liquids are viscous.

- Ans**
- 1. Only conclusion 1 follows
  - 2. All the conclusions follow
  - 3. Only conclusion 2 follows
  - 4. No conclusion follows

Question ID : 6789131028  
Option 1 ID : 6789134111  
Option 2 ID : 6789134110  
Option 3 ID : 6789134109  
Option 4 ID : 6789134112  
Status : Answered  
Chosen Option : 3

**Q.5** Consider a two-digit number. The difference between the number and the number we get when its digits are reversed is 27. If the sum of the digits in the given number is 9, find the HCF of the number and the number when its digits are reversed.

- Ans**
- 1. 6
  - 2. 4
  - 3. 9
  - 4. 5

Question ID : 6789131025  
Option 1 ID : 6789134100  
Option 2 ID : 6789134099  
Option 3 ID : 6789134097  
Option 4 ID : 6789134098  
Status : Answered  
Chosen Option : 3

**Q.5**<sub>3</sub> The number of possible nets of a cube without reversing them is:

- Ans**
- 1. 6
  - 2. 10
  - 3. 11
  - 4. 12

Question ID : 6789131021  
Option 1 ID : 6789134081  
Option 2 ID : 6789134084

Option 3 ID : 6789134082  
Option 4 ID : 6789134083  
Status : Not Answered  
Chosen Option : --

Q.5  
4 Who was the winner of the Women's Singles event at Wimbledon 2018?

- Ans
- 1. Venus Williams
  - 2. Simona Halep
  - 3. Serena Williams
  - 4. Angelique Kerber

Question ID : 6789131083  
Option 1 ID : 6789134331  
Option 2 ID : 6789134332  
Option 3 ID : 6789134330  
Option 4 ID : 6789134329  
Status : Answered  
Chosen Option : 3

Q.5  
5 A field measures 90 m by 60 m. There is a concrete path 3 m wide all round its perimeter. Find the total area covered by the concrete path.

- Ans
- 1. 963 m<sup>2</sup>
  - 2. 639 m<sup>2</sup>
  - 3. 936 m<sup>2</sup>
  - 4. 693 m<sup>2</sup>

Question ID : 6789131019  
Option 1 ID : 6789134074  
Option 2 ID : 6789134075  
Option 3 ID : 6789134073  
Option 4 ID : 6789134076  
Status : Answered  
Chosen Option : 4

Q.5  
6 Which of the following does NOT belong to this group?

- A. Cloth
- B. Chalk
- C. Scissors
- D. Student

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

Question ID : 6789131046  
Option 1 ID : 6789134181

Option 2 ID : 6789134184  
Option 3 ID : 6789134182  
Option 4 ID : 6789134183  
Status : Answered  
Chosen Option : 2

**Q.5** She plays as an allrounder for the Indian women's cricket team and has been awarded the prestigious Arjuna Award for contribution to cricket in the year 2017 by the Ministry of Youth Affairs and Sports. Identify the woman.

- Ans**
- 1. Deepti Sharma
  - 2. Shikha Pandey
  - 3. Mona Meshram
  - 4. Harmanpreet Kaur

Question ID : 6789131081  
Option 1 ID : 6789134321  
Option 2 ID : 6789134322  
Option 3 ID : 6789134323  
Option 4 ID : 6789134324  
Status : Not Answered  
Chosen Option : --

**Q.5** In a test, Chandran secured 16 out of 45 marks. He will take another test and to pass he needs to secure an overall 48% marks. If the second test was out of 80, and he just passed, what was his percentage marks in the second test?

- Ans**
- 1. 48
  - 2. 60
  - 3. 44
  - 4. 55

Question ID : 6789131012  
Option 1 ID : 6789134045  
Option 2 ID : 6789134046  
Option 3 ID : 6789134048  
Option 4 ID : 6789134047  
Status : Not Answered  
Chosen Option : --

**Q.5** Madhuri is Ramani's sister. How is Madhuri's father's sister related to Ramani?

- Ans**
- 1. Grandmother
  - 2. Paternal aunt
  - 3. Sister
  - 4. Granddaughter

Question ID : 6789131026  
Option 1 ID : 6789134103  
Option 2 ID : 6789134102  
Option 3 ID : 6789134101  
Option 4 ID : 6789134104  
Status : Answered  
Chosen Option : 2

**Q.6**

0 As of August 2018, which of the following is the ruling party in Rajasthan?

- Ans
- 1. BJP
  - 2. CPM
  - 3. Congress
  - 4. Samajwadi party

Question ID : 6789131093  
Option 1 ID : 6789134372  
Option 2 ID : 6789134371  
Option 3 ID : 6789134370  
Option 4 ID : 6789134369  
Status : Not Answered  
Chosen Option : --

Q.6 Kinetic energy will become/remain \_\_\_\_\_ when the momentum of the body is doubled.

- 1
- Ans
- 1. two times
  - 2. four times
  - 3. unchanged
  - 4. half

Question ID : 6789131057  
Option 1 ID : 6789134225  
Option 2 ID : 6789134226  
Option 3 ID : 6789134228  
Option 4 ID : 6789134227  
Status : Answered  
Chosen Option : 4

Q.6 The state tree of Haryana is \_\_\_\_\_.

- 2
- Ans
- 1. Mango
  - 2. Peepal
  - 3. Guava
  - 4. Neem

Question ID : 6789131096  
Option 1 ID : 6789134381  
Option 2 ID : 6789134383  
Option 3 ID : 6789134384  
Option 4 ID : 6789134382  
Status : Answered  
Chosen Option : 2

Q.6 Murali's age 10 years ago was thrice the age of his son Satheesh. Ten years hence, Murali's age will be twice that of Satheesh. The ratio of their present ages is:

- 3
- Ans
- 1. 9 : 2
  - 2. 7 : 3
  - 3. 13 : 4

✗ 4. 5 : 2

Question ID : 6789131017  
Option 1 ID : 6789134067  
Option 2 ID : 6789134066  
Option 3 ID : 6789134068  
Option 4 ID : 6789134065  
Status : Answered  
Chosen Option : 2

Q.6  
4 Which of the following displays a non-polar covalent bonding?

- Ans ✓ 1. Chlorine molecule  
✗ 2. Sulphuric acid  
✗ 3. Water molecule  
✗ 4. Ammonia molecule

Question ID : 6789131061  
Option 1 ID : 6789134242  
Option 2 ID : 6789134244  
Option 3 ID : 6789134241  
Option 4 ID : 6789134243  
Status : Answered  
Chosen Option : 4

Q.6  
5 Find the odd one out.

A	B	C	D
1520	1212	172	132
AET	AUB	AGB	ACB

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

Question ID : 6789131048  
Option 1 ID : 6789134189  
Option 2 ID : 6789134192  
Option 3 ID : 6789134191  
Option 4 ID : 6789134190  
Status : Answered  
Chosen Option : 1

Q.6  
6 Which of the following is an example of a Rhizome?

- Ans ✓ 1. Ginger  
✗ 2. Sugarcane  
✗ 3. Onion  
✗ 4. Potato

Question ID : 6789131080  
Option 1 ID : 6789134320  
Option 2 ID : 6789134319  
Option 3 ID : 6789134317  
Option 4 ID : 6789134318  
Status : Not Answered  
Chosen Option : --

Q.6  
7 Which of the following novels of Salman Rushdie was released in 2017?

- Ans
- 1. Midnight's Children
  - 2. The Golden House
  - 3. The Sellout
  - 4. The Satanic Verses

Question ID : 6789131085  
Option 1 ID : 6789134337  
Option 2 ID : 6789134339  
Option 3 ID : 6789134340  
Option 4 ID : 6789134338  
Status : Not Answered  
Chosen Option : --

Q.6  
8 Plants in the \_\_\_\_\_ group are commonly called algae.

- Ans
- 1. Bryophyta
  - 2. Thallophyta
  - 3. Gymnosperms
  - 4. Pteridophyta

Question ID : 6789131077  
Option 1 ID : 6789134306  
Option 2 ID : 6789134307  
Option 3 ID : 6789134308  
Option 4 ID : 6789134305  
Status : Answered  
Chosen Option : 2

Q.6  
9 62.5% of 4000 is:

- Ans
- 1. 2400
  - 2. 2500
  - 3. 2720
  - 4. 2800

Question ID : 6789131010  
Option 1 ID : 6789134038  
Option 2 ID : 6789134037  
Option 3 ID : 6789134040  
Option 4 ID : 6789134039  
Status : Answered  
Chosen Option : 2



Q.7  
0 The heat produced by current in wire during time  $t$  is determined by \_\_\_\_.

- Ans
- 1.  $H = I^2R$
  - 2.  $H = IRt$
  - 3.  $H = I^2t$
  - 4.  $H = I^2Rt$

Question ID : 6789131065  
Option 1 ID : 6789134257  
Option 2 ID : 6789134258  
Option 3 ID : 6789134259  
Option 4 ID : 6789134260  
Status : Answered  
Chosen Option : 2

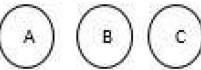
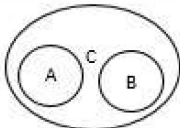
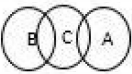
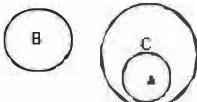
Q.7  
1 Vaishali is having dinner at 9:00 p.m. On her watch, she observes that the minutes hand is pointing towards the north direction. In which direction would the hours hand be facing at that time?

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

Question ID : 6789131054  
Option 1 ID : 6789134215  
Option 2 ID : 6789134214  
Option 3 ID : 6789134216  
Option 4 ID : 6789134213  
Status : Answered  
Chosen Option : 2

Q.7  
2 Which of the following correctly represents the relationship between:

- A) Button
- B) Sleeves
- C) Shirt

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

Question ID : 6789131050  
Option 1 ID : 6789134200  
Option 2 ID : 6789134197  
Option 3 ID : 6789134199  
Option 4 ID : 6789134198  
Status : Answered  
Chosen Option : 4

Q.7 What is the junction between an axon ending with the dendrite of another nerve cell called?

3

- Ans
- 1. Synapse
  - 2. Neuron
  - 3. Synaptic Cleft
  - 4. Node of Ranvier

Question ID : 6789131078  
Option 1 ID : 6789134310  
Option 2 ID : 6789134312  
Option 3 ID : 6789134311  
Option 4 ID : 6789134309  
Status : Not Answered  
Chosen Option : --

Q.7 If  $x - 2$  is a common factor of  $x^3 - 4x^2 + ax + b$ ,  $x^3 - ax^2 + bx + 8$  then find the values of a and b, respectively?

4

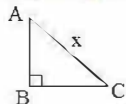
- Ans
- 1. 0 and 4
  - 2. 4 and 0
  - 3. 3 and 5
  - 4. 2 and -4

Question ID : 6789131023  
Option 1 ID : 6789134092  
Option 2 ID : 6789134091  
Option 3 ID : 6789134089  
Option 4 ID : 6789134090  
Status : Answered  
Chosen Option : 2

Q.7 Read the following question and decide which of the statements is sufficient to answer the question.

5

Find the value of x, if:



Statements:

- 1)  $AB = 5$  cm
- 2)  $BC = 12$  cm

- Ans
- 1. Only statement 2 is sufficient
  - 2. Either statement 1 or 2 is sufficient
  - 3. Both statement 1 and 2 are sufficient
  - 4. Only statement 1 is sufficient

Question ID : 6789131043  
Option 1 ID : 6789134170  
Option 2 ID : 6789134172  
Option 3 ID : 6789134171  
Option 4 ID : 6789134169  
Status : Answered  
Chosen Option : 3

Q.7 Based on the numerical analogy given, choose the correct answer from the options given below 4 : 16 :: 7 : ?

6

- Ans
- 1. 52
  - 2. 68
  - 3. 28
  - 4. 50

Question ID : 6789131039  
Option 1 ID : 6789134155  
Option 2 ID : 6789134156  
Option 3 ID : 6789134153  
Option 4 ID : 6789134154  
Status : Answered  
Chosen Option : 3

Q.7 Which of the following governments has launched Anna Canteens?

- Ans
- 1. Tamil Nadu
  - 2. Maharashtra
  - 3. Kerala
  - 4. Andhra Pradesh

Question ID : 6789131090  
Option 1 ID : 6789134359  
Option 2 ID : 6789134357  
Option 3 ID : 6789134360  
Option 4 ID : 6789134358  
Status : Answered  
Chosen Option : 1

Q.7 There are \_\_\_\_\_ bio-geographical regions in the world.

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

Question ID : 6789131076  
Option 1 ID : 6789134304  
Option 2 ID : 6789134303  
Option 3 ID : 6789134301  
Option 4 ID : 6789134302  
Status : Not Answered  
Chosen Option : --

**Q.7** There are four blood groups: A, B, AB and O. The genes which control the inheritance of these blood groups are designated as IA, IB and i.

In which of the following gene combinations will the resultant blood group be 'A'?

- Ans
- 1. IAIA or ii
  - 2. IAIA or IAi
  - 3. IAIB
  - 4. IAIB or IAi

Question ID : 6789131079

Option 1 ID : 6789134316

Option 2 ID : 6789134313

Option 3 ID : 6789134315

Option 4 ID : 6789134314

Status : Not Answered

Chosen Option : --

**Q.8** 3 men and 5 boys can complete a task in 15 days; whereas 6 men and 7 boys can complete the same task in 9 days. Find the relationship between the task done by the boys and the task done by the men.

- Ans
- 1. The work of 4 boys is equivalent to the work of 3 men
  - 2. The work of 6 boys is equivalent to the work of 2 men
  - 3. The work of 3 boys is equivalent to the work of 4 men
  - 4. The work of 7 boys is equivalent to the work of 3 men

Question ID : 6789131015

Option 1 ID : 6789134059

Option 2 ID : 6789134058

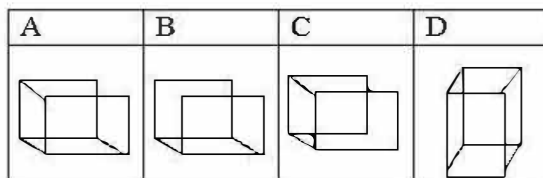
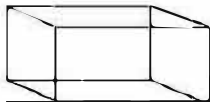
Option 3 ID : 6789134057

Option 4 ID : 6789134060

Status : Answered

Chosen Option : 1

**Q.8** Which of the options bears the closest resemblance to the following figure?



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

Question ID : 6789131049  
Option 1 ID : 6789134196  
Option 2 ID : 6789134193  
Option 3 ID : 6789134195  
Option 4 ID : 6789134194  
Status : Answered  
Chosen Option : 1

Q.8  
2 Take away 0.15 from 2.4 and add the result to 7.5. What do you get?

- Ans
- 1. 8.75
  - 2. 7.25
  - 3. 9.75
  - 4. 6

Question ID : 6789131002  
Option 1 ID : 6789134006  
Option 2 ID : 6789134007  
Option 3 ID : 6789134005  
Option 4 ID : 6789134008  
Status : Answered  
Chosen Option : 1

Q.8  
3 Which of the following is the most ancient literature which mentions about Indian music and dance?

- Ans
- 1. Natyashastra
  - 2. Bhagavad-Gita
  - 3. Mahabharata
  - 4. Ramayana

Question ID : 6789131086  
Option 1 ID : 6789134344  
Option 2 ID : 6789134341  
Option 3 ID : 6789134343  
Option 4 ID : 6789134342  
Status : Answered  
Chosen Option : 1

Q.8  
4 Which of the following are Mechanical waves?

- Ans
- 1. X rays
  - 2. Radio waves
  - 3. Microwaves
  - 4. Sound waves

Question ID : 6789131063  
Option 1 ID : 6789134250  
Option 2 ID : 6789134251  
Option 3 ID : 6789134249  
Option 4 ID : 6789134252  
Status : Answered

**Q.8** The angle of elevation of a bird from a point 60 m above the water in a pond is  $30^\circ$ . The angle of depression of the reflection of the bird under the water from the same point is  $60^\circ$ . Find the height of the bird in metres hovering over the pond.

- Ans**
- 1. 60
  - 2. 150
  - 3. 120
  - 4. 90

Question ID : **6789131008**  
 Option 1 ID : **6789134030**  
 Option 2 ID : **6789134032**  
 Option 3 ID : **6789134031**  
 Option 4 ID : **6789134029**  
 Status : **Not Answered**  
 Chosen Option : --

**Q.8** In the process of Galvanisation, which metal is coated over iron?

- Ans**
- 1. Lead
  - 2. Nickel
  - 3. Chromium
  - 4. Zinc

Question ID : **6789131070**  
 Option 1 ID : **6789134280**  
 Option 2 ID : **6789134277**  
 Option 3 ID : **6789134278**  
 Option 4 ID : **6789134279**  
 Status : **Not Answered**  
 Chosen Option : --

**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:** "Mobile addiction is a psychological disorder," a psychologist tells his client.

**Assumptions:**

- I. A psychologist deals with mental disorders.
- II. Surgery is the best option for any disorder.

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

Question ID : **6789131033**  
 Option 1 ID : **6789134131**  
 Option 2 ID : **6789134129**  
 Option 3 ID : **6789134130**  
 Option 4 ID : **6789134132**  
 Status : **Answered**  
 Chosen Option : 3

**Q.8** An organic garment store wishes to move store online. They allocate ₹ 1,00,000 as capital for this initiative. After discussion with IT firm, they come up with an initial cost of development for ₹ 50,000, followed by 6 months additional support at 6% of the cost of developing the online store. What percentage of the initial capital the company saves from the website development activity?

- Ans**
- 1. 22%
  - 2. 18%
  - 3. 30%
  - 4. 32%

Question ID : 6789131042  
Option 1 ID : 6789134167  
Option 2 ID : 6789134168  
Option 3 ID : 6789134166  
Option 4 ID : 6789134165  
Status : Not Answered  
Chosen Option : --

**Q.8** If  $123 \times 356 = 43788$ , then  $1.23 \times 35.6 = ?$

- Ans**
- 1. 43.788
  - 2. 4.3788
  - 3. 0.43788
  - 4. 437.88

Question ID : 6789131004  
Option 1 ID : 6789134013  
Option 2 ID : 6789134015  
Option 3 ID : 6789134016  
Option 4 ID : 6789134014  
Status : Answered  
Chosen Option : 2

**Q.9** Which of the following metals is soft as wax and can be cut with a knife?

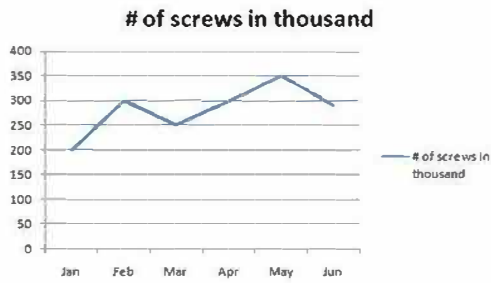
- Ans**
1. Magnesium
  2. Calcium
  3. Potassium
  4. Sodium

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

Question ID : 6789131072  
Option 1 ID : 6789134288  
Option 2 ID : 6789134287  
Option 3 ID : 6789134286  
Option 4 ID : 6789134285  
Status : Not Answered  
Chosen Option : --

**Q.9**  
1

As per the following chart, in which month was the number of screws manufactured the highest?



- Ans
- 1. February
  - 2. May
  - 3. January
  - 4. June

Question ID : 6789131040  
Option 1 ID : 6789134159  
Option 2 ID : 6789134157  
Option 3 ID : 6789134160  
Option 4 ID : 6789134158  
Status : Answered  
Chosen Option : 2

Q.9 In February 2018, Abhilasha Kumari was sworn in as the Chief Justice of the \_\_\_\_\_ office by Governor Najma Heptulla at the Raj Bhawan.

2

- Ans
- 1. Gujarat High Court
  - 2. Manipur High Court
  - 3. Meghalaya High Court
  - 4. Gauhati High Court

Question ID : 6789131089  
Option 1 ID : 6789134353  
Option 2 ID : 6789134354  
Option 3 ID : 6789134356  
Option 4 ID : 6789134355  
Status : Answered  
Chosen Option : 2

Q.9 The base of a triangle is one-ninth of the base of a parallelogram having one-third of the area as that of the triangle. The ratio of the corresponding heights of the triangle to the parallelogram will be:

3

- Ans
- 1. 53 : 1
  - 2. 53 : 2
  - 3. 56 : 1
  - 4. 54 : 1

Question ID : 6789131024  
Option 1 ID : 6789134093  
Option 2 ID : 6789134094  
Option 3 ID : 6789134095  
Option 4 ID : 6789134096



Status : **Answered**  
Chosen Option : 4

**Q.9**  
4 If P means  $\div$ , Q means  $\times$ , R means  $+$  and S means  $-$ , then what is the value of  $8Q24P6R10S5$ ?

- Ans
- 1. 42
  - 2. 30
  - 3. 55
  - 4. 37

Question ID : **6789131037**  
Option 1 ID : **6789134147**  
Option 2 ID : **6789134145**  
Option 3 ID : **6789134148**  
Option 4 ID : **6789134146**  
Status : **Answered**  
Chosen Option : 4

**Q.9**  
5 If the mean of the numbers  $27 + x$ ,  $31 + x$ ,  $89 + x$ ,  $107 + x$  and  $156 + x$  is 82, then the mean of  $130 + x$ ,  $126 + x$ ,  $68 + x$ ,  $50 + x$  and  $1 + x$  is:

- Ans
- 1. 80
  - 2. 75
  - 3. 50
  - 4. 70

Question ID : **6789131022**  
Option 1 ID : **6789134088**  
Option 2 ID : **6789134086**  
Option 3 ID : **6789134085**  
Option 4 ID : **6789134087**  
Status : **Answered**  
Chosen Option : 2

**Q.9**  
6 The square root of 3481 is:

- Ans
- 1. 63
  - 2. 59
  - 3. 67
  - 4. 57

Question ID : **6789131005**  
Option 1 ID : **6789134018**  
Option 2 ID : **6789134019**  
Option 3 ID : **6789134017**  
Option 4 ID : **6789134020**  
Status : **Answered**  
Chosen Option : 2

**Q.9**  
7 Who among the following won the World Billiards Championship title in 2017?

- Ans
- 1. Michael Ferreira
  - 2. Geet Sethi

✓ 3. Pankaj Advani

✗ 4. Saurav Kothari

Question ID : 6789131082

Option 1 ID : 6789134326

Option 2 ID : 6789134327

Option 3 ID : 6789134325

Option 4 ID : 6789134328

Status : Not Answered

Chosen Option : --

Q.9 When copper oxide is heated with hydrogen, copper metal and water are formed. What happens to the hydrogen in this reaction?

Ans ✗ 1. both oxidation and reduction

✗ 2. Reduction

✓ 3. Oxidation

✗ 4. Decomposition

Question ID : 6789131071

Option 1 ID : 6789134284

Option 2 ID : 6789134282

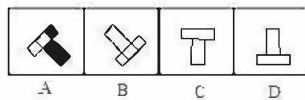
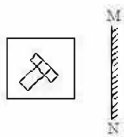
Option 3 ID : 6789134283

Option 4 ID : 6789134281

Status : Not Answered

Chosen Option : --

Q.9 Choose the mirror image for the following figure when the mirror is kept at the MN line.



Ans ✗ 1. C

✗ 2. D

✓ 3. A

✗ 4. B

Question ID : 6789131055

Option 1 ID : 6789134219

Option 2 ID : 6789134220

Option 3 ID : 6789134217

Option 4 ID : 6789134218

Status : Answered

Chosen Option : 3

Q.100 Which one of the following is the unit of force?

Ans ✗ 1. Pascal

- 2. Watt
- 3. Joule
- 4. Newton

Question ID : **6789131056**  
Option 1 ID : **6789134224**  
Option 2 ID : **6789134221**  
Option 3 ID : **6789134222**  
Option 4 ID : **6789134223**  
Status : **Answered**  
Chosen Option : **4**

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