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# RAILWAY RECRUITMENT BOARDS

## रेलवे भर्ती बोर्ड

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

Participant ID:	112005081580009
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Test Center Name:	iON Digital Zone iDZ Randesan
Test Date:	18/09/2018
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 On a certain sum, simple interest for  $\frac{5}{2}$  years at an annual rate of 12% is ₹ 50 less than the interest on the same sum for  $\frac{7}{2}$  years at an annual rate of 10%. Find the sum.

- Ans
- 1. ₹ 1500
  - 2. ₹ 1000
  - 3. ₹ 1200
  - 4. ₹ 2000

Question ID : 691352411  
Option 1 ID : 6913521641  
Option 2 ID : 6913521643  
Option 3 ID : 6913521642  
Option 4 ID : 6913521644  
Status : Answered  
Chosen Option : 2

Q.2 The Ninety East Ridge is a submarine volcanic ridge located in which ocean?

- Ans
- 1. Pacific Ocean
  - 2. Atlantic Ocean
  - 3. Arctic Ocean
  - 4. Indian Ocean

Question ID : 691352497  
Option 1 ID : 6913521986  
Option 2 ID : 6913521985  
Option 3 ID : 6913521988  
Option 4 ID : 6913521987  
Status : Answered  
Chosen Option : 1

Q.3 If the electronic configuration of an element is 2, 8, 2, to which period of the Modern Periodic Table does it belong?

- Ans  1. 2

✓ 2. 3

✗ 3. 12

✗ 4. 4

Question ID : 691352465

Option 1 ID : 6913521857

Option 2 ID : 6913521858

Option 3 ID : 6913521860

Option 4 ID : 6913521859

Status : Answered

Chosen Option : 3

Q.4 An object is released from a certain height above the ground. Just at the time it touches the ground, it will possess \_\_\_\_\_.

Ans ✗ 1. heat energy

✗ 2. chemical energy

✓ 3. kinetic energy

✗ 4. potential energy

Question ID : 691352461

Option 1 ID : 6913521842

Option 2 ID : 6913521841

Option 3 ID : 6913521843

Option 4 ID : 6913521844

Status : Answered

Chosen Option : 4

Q.5 The area of the circumcircle of a right angle triangle whose sides are 6 cm, 8 cm and 10 cm will be:

Ans ✗ 1.  $9\pi \text{ cm}^{2\pi}$

✓ 2.  $25\pi \text{ cm}^2$

✗ 3.  $24.5\pi \text{ cm}^2$

✗ 4.  $16\pi \text{ cm}^2$

Question ID : 691352421

Option 1 ID : 6913521681

Option 2 ID : 6913521683

Option 3 ID : 6913521684

Option 4 ID : 6913521682

Status : Answered

Chosen Option : 2

Q.6 A milkman adds a small amount of baking soda to fresh milk:

Ans ✗ 1. To improve taste of milk

✗ 2. To increase the cream in the milk

✓ 3. To prevent acidisation of milk

✗ 4. To improve the consistency of milk.

Question ID : 691352470

Option 1 ID : 6913521878

Option 2 ID : 6913521877

Option 3 ID : 6913521880

Option 4 ID : 6913521879

Status : **Marked For Review**

Chosen Option : 3

**Q.7** On selling a jute bag for ₹ 48, Ashmitha incurs a loss of 20%. In order to make a profit of 20% what should be the selling price of the jute bag?

Ans  1. ₹ 56

2. ₹ 72

3. ₹ 52

4. ₹ 68

Question ID : 691352410

Option 1 ID : 6913521638

Option 2 ID : 6913521640

Option 3 ID : 6913521637

Option 4 ID : 6913521639

Status : **Answered**

Chosen Option : 2

**Q.8** The molecular mass of  $O_2$  is \_\_\_\_\_.

Ans  1. 8

2. 16

3. 32

4. 64

Question ID : 691352467

Option 1 ID : 6913521868

Option 2 ID : 6913521865

Option 3 ID : 6913521867

Option 4 ID : 6913521866

Status : **Marked For Review**

Chosen Option : 2

**Q.9** Sadhguru Jaggi Vasudev has been awarded with Padma vibhushan award in 2017 by the government of India for his contribution towards which of the following?

Ans  1. Politics

2. Music

3. Spirituality

4. Sports

Question ID : 691352486

Option 1 ID : 6913521944

Option 2 ID : 6913521943

Option 3 ID : 6913521941

Option 4 ID : 6913521942

Status : **Answered**

Chosen Option : 3

Q.1 If the cost of tomatoes increases by 25% per Kg and Sudha wants to spend only 15% more on the tomatoes. Calculate the percentage decrease in the quantity of tomatoes that Sudha gets.

- Ans
- 1. 12.5%
  - 2. 8%
  - 3. 10%
  - 4. 12%

Question ID : 691352439  
Option 1 ID : 6913521754  
Option 2 ID : 6913521755  
Option 3 ID : 6913521753  
Option 4 ID : 6913521756  
Status : Marked For Review  
Chosen Option : 1

Q.1 Which of the following does NOT belong to this group?

- A. ant
- B. caterpillar
- C. hamster
- D. locust

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

Question ID : 691352445  
Option 1 ID : 6913521779  
Option 2 ID : 6913521778  
Option 3 ID : 6913521777  
Option 4 ID : 6913521780  
Status : Marked For Review  
Chosen Option : 1

Q.1 Identify the founder of Paytm who was listed in TIME magazine's Most Influential People list 2017 along with Prime Minister Narendra Modi?

- Ans
- 1. Vijay Bhaskar
  - 2. Vijay Shekhar Sharma
  - 3. Vijay Malya
  - 4. Narendra Kumar

Question ID : 691352488  
Option 1 ID : 6913521950  
Option 2 ID : 6913521951  
Option 3 ID : 6913521949  
Option 4 ID : 6913521952  
Status : Answered  
Chosen Option : 2

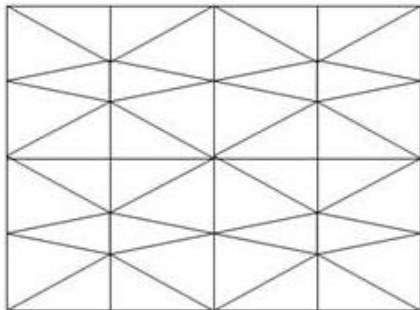
Q.1

3  $\{8 + (2^4 + 3)\} \div 9 = ?$

- Ans  1. 3  
 2. 9  
 3. 4  
 4. 8

Question ID : 691352404  
Option 1 ID : 6913521613  
Option 2 ID : 6913521616  
Option 3 ID : 6913521614  
Option 4 ID : 6913521615  
Status : Answered  
Chosen Option : 1

Q.1 How many right-angled triangles are there in the following figure?



- Ans  1. 16  
 2. 14  
 3. 12  
 4. 15

Question ID : 691352452  
Option 1 ID : 6913521805  
Option 2 ID : 6913521807  
Option 3 ID : 6913521808  
Option 4 ID : 6913521806  
Status : Answered  
Chosen Option : 1

Q.1 Given is a statement followed by two assumptions numbered I and II. Consider the statement and the following assumptions and decide which of the assumptions is/are implicit in the statement.

5 **Statement:**

Global warming, species extinction and deforestation are posing a threat to the environment.

**Assumptions:**

- I. The more we exploit and degrade our environment, the more ecological imbalance we create, ultimately putting the very existence of human life at risk.
- II. Every species is dependent on every other species for survival, directly or indirectly. Human beings are the ones who depend on maximum number of species for not only our survival but also for our development needs.

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

4. Only assumption II is implicit.

Question ID : 691352433

Option 1 ID : 6913521729

Option 2 ID : 6913521732

Option 3 ID : 6913521731

Option 4 ID : 6913521730

Status : Answered

Chosen Option : 3

Q.1  
6 By walking at  $\frac{4}{5}$  of his usual speed, Soham is 6 minutes late to office. How much time does he usually take to get to office?

Ans  1. 16 minutes

2. 25 minutes

3. 24 minutes

4. 20 minutes

Question ID : 691352415

Option 1 ID : 6913521657

Option 2 ID : 6913521660

Option 3 ID : 6913521659

Option 4 ID : 6913521658

Status : Answered

Chosen Option : 3

Q.1  
7 There is a maximum gap of x years between two successive leap years. What is the value of x?

Ans  1. 4

2. 2

3. 8

4. 1

Question ID : 691352420

Option 1 ID : 6913521680

Option 2 ID : 6913521678

Option 3 ID : 6913521679

Option 4 ID : 6913521677

Status : Answered

Chosen Option : 1

Q.1  
8 An object is stationary then the force is still acting on it is:

Ans 1. Weight

2. Momentum

3. Acceleration

4. Impulse

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

Question ID : 691352458

Option 1 ID : 6913521832

Option 2 ID : 6913521829

Option 3 ID : 6913521831  
Option 4 ID : 6913521830  
Status : Answered  
Chosen Option : 1

Q.1 The \_\_\_\_\_ acts as a food store in plant seeds.

- Ans
- 1. cotyledons
  - 2. plumule
  - 3. ovule
  - 4. radicle

Question ID : 691352479  
Option 1 ID : 6913521915  
Option 2 ID : 6913521913  
Option 3 ID : 6913521916  
Option 4 ID : 6913521914  
Status : Answered  
Chosen Option : 1

Q.2 The square root of  $\frac{882}{1922}$  is:

- Ans
- 1.  $\frac{21}{31}$
  - 2.  $\frac{20}{31}$
  - 3.  $\frac{22}{31}$
  - 4.  $\frac{19}{31}$

Question ID : 691352402  
Option 1 ID : 6913521605  
Option 2 ID : 6913521607  
Option 3 ID : 6913521606  
Option 4 ID : 6913521608  
Status : Answered  
Chosen Option : 1

Q.2 Name the athletic event in which Manpreet Kaur won a gold medal in the first leg of Asian Grand Prix Athletics Meet?

- 1
- Ans
- 1. Long jump
  - 2. High jump
  - 3. Shot put
  - 4. Discus throw

Question ID : 691352482  
Option 1 ID : 6913521925  
Option 2 ID : 6913521928  
Option 3 ID : 6913521926  
Option 4 ID : 6913521927  
Status : Answered

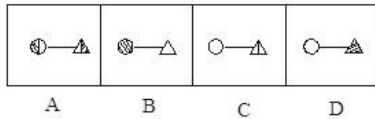
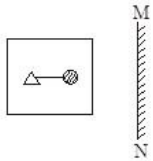


**Q.2** From the top of a platform 7 m high, the angle of elevation of a tower was  $30^\circ$ . If the tower was 47 m high, how far away from the tower was the platform positioned?

- Ans**
1.  $15\sqrt{3}$  m
2. 40 m
3.  $45\sqrt{3}$  m
4.  $40\sqrt{3}$  m

Question ID : 691352424  
 Option 1 ID : 6913521694  
 Option 2 ID : 6913521693  
 Option 3 ID : 6913521695  
 Option 4 ID : 6913521696  
 Status : Answered  
 Chosen Option : 4

**Q.2** Choose the mirror image for the following figure when the mirror is kept at the MN line.



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

Question ID : 691352455  
 Option 1 ID : 6913521817  
 Option 2 ID : 6913521818  
 Option 3 ID : 6913521820  
 Option 4 ID : 6913521819  
 Status : Answered  
 Chosen Option : 2

**Q.2** Consider the given statement to be true even if it seems to be at variance with the commonly known facts and decide which of the given conclusions logically follow(s) from the statement.

**Statement:**

Waste management is one of our country's most important concerns these days given the fast pace of growing population and increasing wastes.

**Conclusions:**

- I. The indisposed waste causes a lot of harm to our environment and breeds various diseases.
- II. It will certainly be helpful to address public or students at any institution on waste management.

- Ans**
1. Only conclusion II follows.

2. Only conclusion I follows.
3. Both conclusions I and II follow.
4. Neither conclusion I nor II follows.

Question ID : 691352432  
Option 1 ID : 6913521726  
Option 2 ID : 6913521725  
Option 3 ID : 6913521728  
Option 4 ID : 6913521727  
Status : Answered  
Chosen Option : 1

Q.2  
5 Find the missing term in the following series.

B-25, ?, F-9, H-4

- Ans  1. S-18
2. D-20
3. T-19
4. D-16

Question ID : 691352437  
Option 1 ID : 6913521747  
Option 2 ID : 6913521745  
Option 3 ID : 6913521748  
Option 4 ID : 6913521746  
Status : Marked For Review  
Chosen Option : 4

Q.2  
6 If KIN is written as PRM, then how would you write THREAD?

- Ans  1. GSIVZW
2. GSIVWZ
3. GSIVYW
4. GRIUZW

Question ID : 691352431  
Option 1 ID : 6913521721  
Option 2 ID : 6913521722  
Option 3 ID : 6913521724  
Option 4 ID : 6913521723  
Status : Not Attempted and Marked For Review  
Chosen Option : --

Q.2  
7 Select the most appropriate option.

1 KWh = \_\_\_\_

- Ans  1. 3,60,000 J
2. 3,600 J
3. 36,00,000 J
4. 36,000 J

Question ID : 691352462  
Option 1 ID : 6913521847  
Option 2 ID : 6913521845  
Option 3 ID : 6913521848  
Option 4 ID : 6913521846  
Status : Answered  
Chosen Option : 2

Q.2 A 161.5-m-long train crosses a 758.5-m-long bridge in 46 seconds. What is the speed of the train?

- 8  
Ans  1. 80 km/h  
 2. 72 km/h  
 3. 75 km/h  
 4. 78 km/h

Question ID : 691352414  
Option 1 ID : 6913521654  
Option 2 ID : 6913521656  
Option 3 ID : 6913521653  
Option 4 ID : 6913521655  
Status : Answered  
Chosen Option : 2

Q.2 What is the maximum strength of Lok Sabha?

- 9  
Ans  1. 548  
 2. 545  
 3. 550  
 4. 552

Question ID : 691352493  
Option 1 ID : 6913521972  
Option 2 ID : 6913521970  
Option 3 ID : 6913521971  
Option 4 ID : 6913521969  
Status : Answered  
Chosen Option : 4

Q.3 The walls of sclerenchyma cells are thickened due to \_\_\_\_\_.

- 0  
Ans  1. Hemi-cellulose  
 2. Lignin  
 3. Cellulose  
 4. Pectin

Question ID : 691352477  
Option 1 ID : 6913521908  
Option 2 ID : 6913521907  
Option 3 ID : 6913521905  
Option 4 ID : 6913521906  
Status : Answered  
Chosen Option : 2

Q.3 Which of the following is the indigenously designed and developed long-range subsonic cruise missile of India?

1

- Ans
- 1. Nag
  - 2. Nirbhay
  - 3. Helina
  - 4. Pinaka

Question ID : 691352499  
Option 1 ID : 6913521995  
Option 2 ID : 6913521993  
Option 3 ID : 6913521996  
Option 4 ID : 6913521994  
Status : Answered  
Chosen Option : 4

Q.3 If  $\sqrt{108} + \sqrt{243} = 25.98$  find the value of  $\sqrt{147} + \sqrt{192}$ .

2

- Ans
- 1. 25.98
  - 2. 26.89
  - 3. 27.712
  - 4. 24.248

Question ID : 691352403  
Option 1 ID : 6913521612  
Option 2 ID : 6913521609  
Option 3 ID : 6913521610  
Option 4 ID : 6913521611  
Status : Answered  
Chosen Option : 1

Q.3 What is the quantity of copper in 1 kg of alloy if the alloy contains 32% copper, 40% zinc and the rest is nickel?

3

- Ans
- 1. 400 g
  - 2. 240 g
  - 3. 280 g
  - 4. 320 g

Question ID : 691352412  
Option 1 ID : 6913521645  
Option 2 ID : 6913521646  
Option 3 ID : 6913521648  
Option 4 ID : 6913521647  
Status : Answered  
Chosen Option : 4

Q.3 A tap can fill the tank in 25 minutes and the other can empty the tank in 50 minutes. If both the taps are opened simultaneously, then the tank will be filled in time?

4

- Ans
- 1. 1 hour, 10 minutes
  - 2. 50 minutes

✗ 3. 1 hour, 5 minutes

✗ 4. 55 minutes

Question ID : 691352419

Option 1 ID : 6913521676

Option 2 ID : 6913521673

Option 3 ID : 6913521675

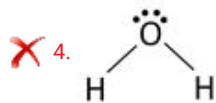
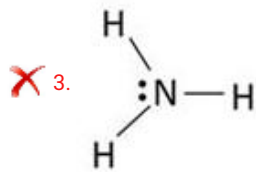
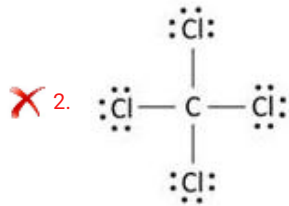
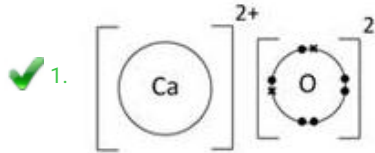
Option 4 ID : 6913521674

Status : Answered

Chosen Option : 2

Q.3  
5 \_\_\_\_\_ is NOT a covalent molecule.

Ans



Question ID : 691352469

Option 1 ID : 6913521876

Option 2 ID : 6913521875

Option 3 ID : 6913521874

Option 4 ID : 6913521873

Status : Answered

Chosen Option : 1

Q.3  
6 The sum of two fractions is  $\frac{7}{4}$ . One of them is  $\frac{5}{3}$ . What is the other fraction?

Ans

✗ 1.  $\frac{2}{1}$

✓ 2.  $\frac{1}{12}$

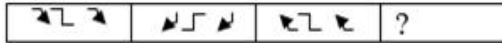
✗ 3.  $\frac{1}{5}$

✗ 4.  $\frac{1}{10}$

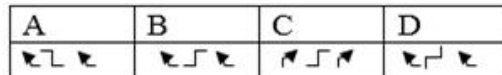
Question ID : 691352405  
Option 1 ID : 6913521617  
Option 2 ID : 6913521620  
Option 3 ID : 6913521618  
Option 4 ID : 6913521619  
Status : Answered  
Chosen Option : 2

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

**Problem figures:**



**Answer figures:**



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

Question ID : 691352448  
Option 1 ID : 6913521792  
Option 2 ID : 6913521791  
Option 3 ID : 6913521789  
Option 4 ID : 6913521790  
Status : Answered  
Chosen Option : 1

Q.3  
8 If today is Monday, then find the day after 61 days?

- Ans
- 1. Tuesday
  - 2. Saturday
  - 3. Monday
  - 4. Friday

Question ID : 691352417  
Option 1 ID : 6913521666  
Option 2 ID : 6913521668  
Option 3 ID : 6913521665  
Option 4 ID : 6913521667  
Status : Answered  
Chosen Option : 2

Q.3  
9 Who among the following is the founder of Swatantra Party?

- Ans
- 1. Gopal Krishna Gokhale
  - 2. C Rajagopalachari
  - 3. Kamaraj

**X** 4. Vallabhbhai Patel

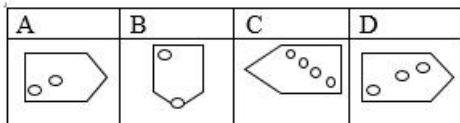
Question ID : 691352495  
Option 1 ID : 6913521980  
Option 2 ID : 6913521978  
Option 3 ID : 6913521977  
Option 4 ID : 6913521979  
Status : Answered  
Chosen Option : 1

Q.4  
0 Which of the options bears the closest resemblance to the following figure?

**Problem figure:**



**Answer figures:**



Ans **X** 1. B  
**✓** 2. C  
**X** 3. D  
**X** 4. A

Question ID : 691352446  
Option 1 ID : 6913521782  
Option 2 ID : 6913521783  
Option 3 ID : 6913521784  
Option 4 ID : 6913521781  
Status : Answered  
Chosen Option : 3

Q.4  
1 How many factors of 1296 are perfect squares?

Ans **X** 1. 8  
**✓** 2. 9  
**X** 3. 12  
**X** 4. 10

Question ID : 691352407  
Option 1 ID : 6913521625  
Option 2 ID : 6913521626  
Option 3 ID : 6913521628  
Option 4 ID : 6913521627  
Status : Answered  
Chosen Option : 1

Q.4  
2 Which organization has set up the Govardhan Eco Village in Maharashtra?

Ans **X** 1. RSS  
**X** 2. Isha Foundation

✓ 3. ISKCON

✗ 4. Gaugiyamath

Question ID : 691352491

Option 1 ID : 6913521962

Option 2 ID : 6913521963

Option 3 ID : 6913521961

Option 4 ID : 6913521964

Status : Answered

Chosen Option : 4

Q.4 Find the values of  $k$  for which  $x^2 + 5kx + k^2 + 5$  is exactly divisible by  $x + 2$  but not divisible by  $x + 3$ .

3

Ans ✗ 1. Both 1 and 9

✓ 2. 9

✗ 3. 1

✗ 4. Neither 1 nor 9

Question ID : 691352423

Option 1 ID : 6913521691

Option 2 ID : 6913521689

Option 3 ID : 6913521690

Option 4 ID : 6913521692

Status : Answered

Chosen Option : 2

Q.4 Which of the given elements A, B, C, D and E with atomic number 2, 3, 7, 10 and 30 respectively belong to the same period?

4

Ans ✓ 1. B, C, D

✗ 2. A, D, E

✗ 3. B, D, E

✗ 4. A, B, C

Question ID : 691352475

Option 1 ID : 6913521898

Option 2 ID : 6913521899

Option 3 ID : 6913521900

Option 4 ID : 6913521897

Status : Answered

Chosen Option : 4

Q.4 \_\_\_\_\_ is the commercial unit of energy.

5

Ans ✗ 1. Kilowatt

✗ 2. Watt hour

✓ 3. Kilowatt hour

✗ 4. Joule

Question ID : 691352456

Option 1 ID : 6913521821

Option 2 ID : 6913521823



Option 3 ID : 6913521822  
Option 4 ID : 6913521824  
Status : Answered  
Chosen Option : 3

Q.4  
6 If "MAP" is coded as KYN in a code language, how will "REDUCE" be written in the same code?

- Ans
- 1. OBARBD
  - 2. PCBSAC
  - 3. OBASBD
  - 4. PCBSAB

Question ID : 691352428  
Option 1 ID : 6913521712  
Option 2 ID : 6913521709  
Option 3 ID : 6913521711  
Option 4 ID : 6913521710  
Status : Answered  
Chosen Option : 2

Q.4  
7 The prefix added to the name of the hydrocarbon with 4 carbon atoms is.

- Ans
- 1. Prop
  - 2. Eth
  - 3. Hept
  - 4. But

Question ID : 691352473  
Option 1 ID : 6913521890  
Option 2 ID : 6913521889  
Option 3 ID : 6913521892  
Option 4 ID : 6913521891  
Status : Answered  
Chosen Option : 4

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

**Statements:**

- All mud are vessels.
- All vessels are containers.

**Conclusions:**

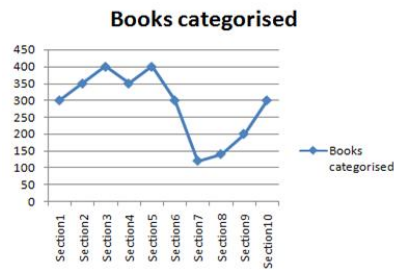
1. All containers are mud.
2. Some vessels are mud.

- Ans
- 1. No conclusion follows.
  - 2. Only conclusion 2 follows.
  - 3. Only conclusion 1 follows.
  - 4. Both conclusions follow.

Question ID : 691352429  
Option 1 ID : 6913521716  
Option 2 ID : 6913521713

Option 3 ID : 6913521715  
Option 4 ID : 6913521714  
Status : Answered  
Chosen Option : 2

Q.4 In a library, there are 10 different sections and the librarian categorises the books over 20 days. Which section has the least number of books?  
9



- Ans
- ✓ 1. Section 7
  - ✗ 2. Section 9
  - ✗ 3. Section 8
  - ✗ 4. Section 5

Question ID : 691352440  
Option 1 ID : 6913521758  
Option 2 ID : 6913521760  
Option 3 ID : 6913521757  
Option 4 ID : 6913521759  
Status : Answered  
Chosen Option : 1

Q.5 Who won the Golden Boot Award in 2018 FIFA World Cup?  
0

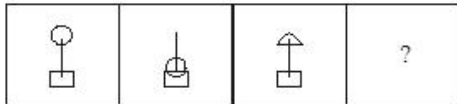
- Ans
- ✓ 1. Harry Kane
  - ✗ 2. Antoine Griezmann
  - ✗ 3. Gabriel Jesus
  - ✗ 4. Lionel Messi

Question ID : 691352483  
Option 1 ID : 6913521930  
Option 2 ID : 6913521931  
Option 3 ID : 6913521932  
Option 4 ID : 6913521929  
Status : Not Answered  
Chosen Option : --

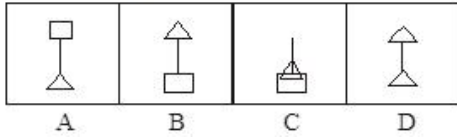
Q.5  
1

Which answer figure will come next in the given problem figure series?

**Problem figure:**



**Answer figures:**



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

Question ID : 691352444  
Option 1 ID : 6913521774  
Option 2 ID : 6913521776  
Option 3 ID : 6913521773  
Option 4 ID : 6913521775  
Status : Answered  
Chosen Option : 4

Q.5 \_\_\_\_\_ is prevented by coating the conducting wire with pvc.

- 2
- Ans
- 1. Fusing
  - 2. Overloading
  - 3. Dripping
  - 4. Short-circuit

Question ID : 691352468  
Option 1 ID : 6913521872  
Option 2 ID : 6913521869  
Option 3 ID : 6913521871  
Option 4 ID : 6913521870  
Status : Answered  
Chosen Option : 3

Q.5 \_\_\_\_\_ contributed to the theories of inheritance of traits in living things.

- 3
- Ans
- 1. Gregor Mendel
  - 2. JBS Haldane
  - 3. Charles Darwin
  - 4. Stanley Miller

Question ID : 691352480  
Option 1 ID : 6913521919  
Option 2 ID : 6913521917

Option 3 ID : 6913521918  
Option 4 ID : 6913521920  
Status : Answered  
Chosen Option : 1

Q.5 Keerthi and Malathi together can complete a task in 12 days, while Malathi can finish it in 30 days. In how many days  
4 can Keerthi alone complete the task?

- Ans
- 1. 40 days
  - 2. 10 days
  - 3. 20 days
  - 4. 30 days

Question ID : 691352413  
Option 1 ID : 6913521652  
Option 2 ID : 6913521649  
Option 3 ID : 6913521650  
Option 4 ID : 6913521651  
Status : Answered  
Chosen Option : 3

Q.5 Who among the following had resigned from the post of Head Coach of Indian Cricket team in 2017?  
5

- Ans
- 1. Ravi Shastri
  - 2. Anil Kumble
  - 3. Rahul Dravid
  - 4. Kapil Dev

Question ID : 691352481  
Option 1 ID : 6913521921  
Option 2 ID : 6913521922  
Option 3 ID : 6913521923  
Option 4 ID : 6913521924  
Status : Answered  
Chosen Option : 2

Q.5 Soham is 10 years younger than Partha. Eight years ago three times the age of Soham was 4 more than twice the age of  
6 Partha. Find Soham's present age.

- Ans
- 1. 28 years
  - 2. 30 years
  - 3. 32 years
  - 4. 33 years

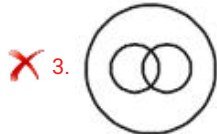
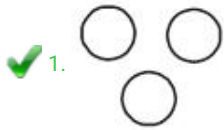
Question ID : 691352418  
Option 1 ID : 6913521669  
Option 2 ID : 6913521670  
Option 3 ID : 6913521671  
Option 4 ID : 6913521672  
Status : Answered  
Chosen Option : 3

Q.5

7 Choose the most suitable Venn diagram for the following words.

**Garlic, Ginger, Chilly**

Ans



Question ID : 691352451

Option 1 ID : 6913521801

Option 2 ID : 6913521803

Option 3 ID : 6913521804

Option 4 ID : 6913521802

Status : Answered

Chosen Option : 1

Q.5  
8 Choose the one that does NOT belong to the group.

Ans ✗ 1. Aluminium

✗ 2. Silver

✓ 3. Hydrogen

✗ 4. Gold

Question ID : 691352426

Option 1 ID : 6913521701

Option 2 ID : 6913521702

Option 3 ID : 6913521703

Option 4 ID : 6913521704

Status : Answered

Chosen Option : 3

Q.5  
9 \_\_\_\_\_ does not belong to the class Annelida.

Ans ✗ 1. Nereis

✗ 2. Earthworm

✗ 3. Leech

✓ 4. Ascaris

Question ID : 691352476  
Option 1 ID : 6913521901  
Option 2 ID : 6913521903  
Option 3 ID : 6913521904  
Option 4 ID : 6913521902  
Status : Not Answered  
Chosen Option : --

Q.6 An object of mass 6 kg and having a potential energy of 480 J is placed at a height. Find the height of the object w.r.t. the ground. ( $g = 10 \text{ m/s}^2$ )

- Ans
- 1. 6 m
  - 2. 4 m
  - 3. 7 m
  - 4. 8 m

Question ID : 691352459  
Option 1 ID : 6913521836  
Option 2 ID : 6913521834  
Option 3 ID : 6913521835  
Option 4 ID : 6913521833  
Status : Answered  
Chosen Option : 4

Q.6 If the radius of curvature of a concave mirror is 6.2 cm, its focal length is \_\_\_\_\_ cm.

- Ans
- 1. 3.1
  - 2. 6
  - 3. 2.6
  - 4. 12.4

Question ID : 691352471  
Option 1 ID : 6913521883  
Option 2 ID : 6913521882  
Option 3 ID : 6913521884  
Option 4 ID : 6913521881  
Status : Answered  
Chosen Option : 1

Q.6 A is standing facing East. B is standing 750 m to the West of A. At 500 m to the right of A, there is a big pole. What is the direction of the pole with respect to B's position?

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

Question ID : 691352453  
Option 1 ID : 6913521810  
Option 2 ID : 6913521811  
Option 3 ID : 6913521812  
Option 4 ID : 6913521809  
Status : Answered  
Chosen Option : 2

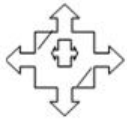
Q.6  
3 Which of the following is the ore of mercury?

- Ans
- 1. Arsenic
  - 2. Bauxite
  - 3. Stibnite
  - 4. Cinnabar

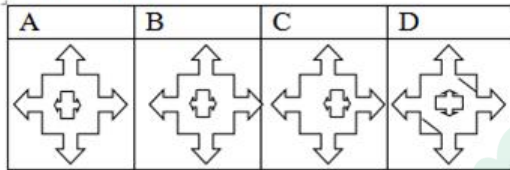
Question ID : 691352472  
Option 1 ID : 6913521888  
Option 2 ID : 6913521886  
Option 3 ID : 6913521887  
Option 4 ID : 6913521885  
Status : Answered  
Chosen Option : 4

Q.6  
4 Which of the option figures bears the closest resemblance to the question figure?

Problem figure:



Answer figures:



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

Question ID : 691352449  
Option 1 ID : 6913521795  
Option 2 ID : 6913521796  
Option 3 ID : 6913521794  
Option 4 ID : 6913521793  
Status : Answered  
Chosen Option : 3

Q.6  
5 Who among the following hosts the Hindi version of "Bigg Boss-11"?

- Ans
- 1. Aamir Khan
  - 2. Salman Khan
  - 3. Shilpa Shetty
  - 4. Farhan Akhtar

Question ID : 691352484  
Option 1 ID : 6913521935  
Option 2 ID : 6913521936

Option 3 ID : 6913521933  
Option 4 ID : 6913521934  
Status : Answered  
Chosen Option : 2

**Q.6** Consider the given statement and decide which of the following assumptions is/are implicit in the statement.  
**6**

**Statement:**

Stories are the best way to make children remember concepts in the early years of their life.

**Assumptions:**

- I. Children like stories.
- II. Stories improve children's imagination and visualisation skills.

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

Question ID : 691352434  
Option 1 ID : 6913521735  
Option 2 ID : 6913521734  
Option 3 ID : 6913521733  
Option 4 ID : 6913521736  
Status : Answered  
Chosen Option : 2

**Q.6** Read the given statement(s) and conclusions carefully and select which of the conclusions logically follow(s) from the statement(s).  
**7**

**Statement:**

- All cars are four-wheelers.
- All four-wheelers are vehicles.

**Conclusions:**

- 1. All cars are vehicles.
- 2. Some vehicles are four-wheelers.

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

Question ID : 691352430  
Option 1 ID : 6913521720  
Option 2 ID : 6913521717  
Option 3 ID : 6913521719  
Option 4 ID : 6913521718  
Status : Answered  
Chosen Option : 4

**Q.6** The former RBI governor Raghuram Rajan authored the book-  
**8**

- Ans**
- 1. Emergency-Indian Democracy's Darkest Hour
  - 2. The Unseen Indira Gandhi



3. The Ministry of Utmost Happiness

4. I Do What I Do

Question ID : 691352490

Option 1 ID : 6913521960

Option 2 ID : 6913521959

Option 3 ID : 6913521958

Option 4 ID : 6913521957

Status : Answered

Chosen Option : 4

Q.6  
9 In which state is the Pagladia Dam located?

Ans  1. Nagaland

2. Meghalaya

3. West Bengal

4. Assam

Question ID : 691352496

Option 1 ID : 6913521984

Option 2 ID : 6913521983

Option 3 ID : 6913521982

Option 4 ID : 6913521981

Status : Not Answered

Chosen Option : --

Q.7  
0  $\sqrt{0.00069169} = ?$

Ans  1. 0.00243

2. 0.000243

3. 0.0263

4. 0.243

Question ID : 691352401

Option 1 ID : 6913521603

Option 2 ID : 6913521604

Option 3 ID : 6913521602

Option 4 ID : 6913521601

Status : Answered

Chosen Option : 3

Q.7  
1 If A and B are  $(-2, -2)$  and  $(2, -4)$  respectively, find the coordinates of P(x, y) such that  $AB = \frac{7}{3}$  and P lies on the line segment AB.

Ans 1.  $\left(\frac{-2}{7}, \frac{20}{7}\right)$

2.  $\left(\frac{2}{7}, \frac{-20}{7}\right)$

3.  $\left(\frac{-2}{7}, \frac{-20}{7}\right)$

4.  $\left(\frac{2}{7}, \frac{20}{7}\right)$

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

Question ID : 691352425  
Option 1 ID : 6913521700  
Option 2 ID : 6913521698  
Option 3 ID : 6913521697  
Option 4 ID : 6913521699  
Status : Not Answered  
Chosen Option : --

Q.7 The electronic configuration of an element belonging to period 2 and showing strong catenation property is:  
2

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

Question ID : 691352474  
Option 1 ID : 6913521894  
Option 2 ID : 6913521895  
Option 3 ID : 6913521896  
Option 4 ID : 6913521893  
Status : Answered  
Chosen Option : 1

Q.7 The gravitational force of attraction between a satellite and the earth gives rise to \_\_\_\_\_.  
3

- Ans
- 1. tension
  - 2. planar force
  - 3. centripetal force
  - 4. centrifugal force

Question ID : 691352457  
Option 1 ID : 6913521828  
Option 2 ID : 6913521827  
Option 3 ID : 6913521826  
Option 4 ID : 6913521825  
Status : Answered  
Chosen Option : 4

Q.7 Read the given question and decide which of the following statements is/are sufficient to answer the question.  
4

What is the age of Sriram?

Statements:

- 1) Sriram is 32 years elder to Shyam.
- 2) Shyam is 2 years old now.

- Ans
- 1. Either 1 or 2 is sufficient.
  - 2. Only 2 is sufficient.
  - 3. Only 1 is sufficient.

✓ 4. Both 1 and 2 are sufficient.

Question ID : 691352443  
Option 1 ID : 6913521771  
Option 2 ID : 6913521770  
Option 3 ID : 6913521769  
Option 4 ID : 6913521772  
Status : Answered  
Chosen Option : 4

Q.7  
5 In which of the following activities is work said to be done?

- Ans
- ✗ 1. Khushi is pushing a wall of a house but fails to do so
  - ✗ 2. Harsh is reading a book
  - ✓ 3. Pinki is walking on a leveled road with a book on her head
  - ✗ 4. Shruti is sitting on a chair

Question ID : 691352460  
Option 1 ID : 6913521840  
Option 2 ID : 6913521837  
Option 3 ID : 6913521838  
Option 4 ID : 6913521839  
Status : Answered  
Chosen Option : 3

Q.7  
6 Vella is a farmer he owns few acres of land. Last month he had a good harvest which gave him a 90% profit (which was around ₹ 90,000) on his initial investment. Approximately how much money he needs to invest each season?

- Ans
- ✓ 1. ₹ 1,00,000
  - ✗ 2. ₹ 3,00,000
  - ✗ 3. ₹ 1,50,000
  - ✗ 4. ₹ 6,00,000

Question ID : 691352442  
Option 1 ID : 6913521767  
Option 2 ID : 6913521766  
Option 3 ID : 6913521765  
Option 4 ID : 6913521768  
Status : Answered  
Chosen Option : 1

Q.7  
7 What is the next term in this series:

12A6Z, 24C4X, 36E2V, \_\_\_\_\_.

- Ans
- ✗ 1. 48F0T
  - ✓ 2. 48G0T
  - ✗ 3. 48F9T
  - ✗ 4. 48F9S

Question ID : 691352438  
Option 1 ID : 6913521750

Option 2 ID : 6913521752  
Option 3 ID : 6913521751  
Option 4 ID : 6913521749  
Status : Answered  
Chosen Option : 2

Q.7  
8 Who among the following has been named the “British Indian of the year”?

- Ans
- 1. Ishwar Gupta
  - 2. Ishwar Kumar
  - 3. Ishwar Sharma
  - 4. Ishwar Verma

Question ID : 691352487  
Option 1 ID : 6913521948  
Option 2 ID : 6913521947  
Option 3 ID : 6913521945  
Option 4 ID : 6913521946  
Status : Not Attempted and Marked For Review  
Chosen Option : --

Q.7  
9 Who launched India's largest 'train the trainers' programme recently?

- Ans
- 1. Sachin Tendulkar
  - 2. Pullela Gopichand
  - 3. Prakash Padukone
  - 4. Kapil Dev

Question ID : 691352489  
Option 1 ID : 6913521956  
Option 2 ID : 6913521955  
Option 3 ID : 6913521954  
Option 4 ID : 6913521953  
Status : Answered  
Chosen Option : 3

Q.8  
0 The wickets taken by a bowler in 12 cricket matches are as follows:

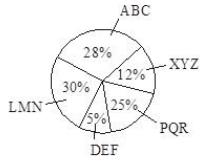
2, 6, 4, 3, 5, 0, 3, 2, 1, 3, 2, 3

Find the mode of the data.

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

Question ID : 691352422  
Option 1 ID : 6913521688  
Option 2 ID : 6913521685  
Option 3 ID : 6913521687  
Option 4 ID : 6913521686  
Status : Answered  
Chosen Option : 2

Q.8 The given pie chart shows information about the mobile phone manufacturing companies in India. The total number of mobile phone units manufactured is 12,40,000.



Which company produces the least number of mobile phones?

- Ans
- 1. ABC
  - 2. PQR
  - 3. DEF
  - 4. XYZ

Question ID : 691352441

Option 1 ID : 6913521761

Option 2 ID : 6913521763

Option 3 ID : 6913521764

Option 4 ID : 6913521762

Status : Answered

Chosen Option : 3

Q.8 We can control the urge to urinate as \_\_\_\_\_.

- Ans
- 1. the muscular bladder is under nervous control
  - 2. bladder does not fill up easily
  - 3. sphincter muscle is present between bladder and urethra
  - 4. bladder is filled with less water

Question ID : 691352478

Option 1 ID : 6913521911

Option 2 ID : 6913521912

Option 3 ID : 6913521910

Option 4 ID : 6913521909

Status : Answered

Chosen Option : 1

Q.8 In which Indian state has The Union Government sanctioned ₹ 98.35 Cr for the development of a Heritage Circuit?

- Ans
- 1. Shimla
  - 2. Nagaland
  - 3. Tripura
  - 4. Assam

Question ID : 691352492

Option 1 ID : 6913521965

Option 2 ID : 6913521968

Option 3 ID : 6913521966

Option 4 ID : 6913521967

Status : Not Answered

Chosen Option : --

Q.8  
4 Which organization has been honoured with the NABARD 2018 award?

- Ans
- 1. Repco Micro Finance
  - 2. HDFC Mutual Fund
  - 3. ICICI Prudential
  - 4. Shriram Mutual Funds

Question ID : 691352498  
Option 1 ID : 6913521992  
Option 2 ID : 6913521991  
Option 3 ID : 6913521990  
Option 4 ID : 6913521989  
Status : Answered  
Chosen Option : 1

Q.8  
5 Find the next letter-pair in the following series.

DO, EP, FQ, GR, ?

- Ans
- 1. HS
  - 2. ST
  - 3. HV
  - 4. SH

Question ID : 691352436  
Option 1 ID : 6913521743  
Option 2 ID : 6913521744  
Option 3 ID : 6913521742  
Option 4 ID : 6913521741  
Status : Answered  
Chosen Option : 1

Q.8  
6 What is the initiative of FSSAI that will enable collection and conversion of used cooking oil to bio-diesel?

- Ans
- 1. RENO
  - 2. RUCO
  - 3. RUSA
  - 4. RAMA

Question ID : 691352500  
Option 1 ID : 6913521999  
Option 2 ID : 6913521998  
Option 3 ID : 6913521997  
Option 4 ID : 6913522000  
Status : Answered  
Chosen Option : 2

Q.8  
7 The millions period consists of the places:

- Ans
- 1. M, TM, HM
  - 2. O, T, M

3. M, TM

4. TTh, HTh, M

Question ID : 691352408

Option 1 ID : 6913521630

Option 2 ID : 6913521632

Option 3 ID : 6913521629

Option 4 ID : 6913521631

Status : Answered

Chosen Option : 1

Q.8 Sarang is facing West. He turns  $135^\circ$  clockwise and then  $45^\circ$  anticlockwise. In which direction he is facing now?

8

Ans  1. West

2. South

3. North

4. East

Question ID : 691352454

Option 1 ID : 6913521816

Option 2 ID : 6913521815

Option 3 ID : 6913521813

Option 4 ID : 6913521814

Status : Answered

Chosen Option : 3

Q.8 An electric bulb having voltage 240 V and current 0.6 A has a power of \_\_\_\_\_.

9

Ans  1. 14.4 W

2. 40 W

3. 144 W

4. 400 W

Question ID : 691352466

Option 1 ID : 6913521864

Option 2 ID : 6913521862

Option 3 ID : 6913521863

Option 4 ID : 6913521861

Status : Answered

Chosen Option : 3

Q.9 Which of the following Venn diagrams correctly represents the relationship between:

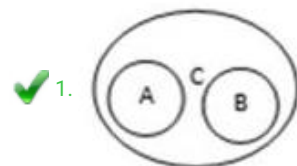
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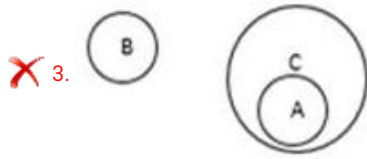
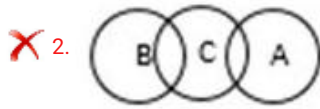
A) Mobile

B) Laptop

C) Electronics

Ans





Question ID : 691352450

Option 1 ID : 6913521800

Option 2 ID : 6913521798

Option 3 ID : 6913521799

Option 4 ID : 6913521797

Status : Answered

Chosen Option : 1

Q.9 Sita bought certain number of pens at 8 for ₹ 7 and sold them at 6 for ₹ 5. The gain or loss percentage is?

1

Ans

✓ 1.  $\frac{100}{21}$  % loss

✗ 2. No profit no loss

✗ 3.  $\frac{99}{21}$  % loss

✗ 4.  $\frac{100}{21}$  % profit

Question ID : 691352409

Option 1 ID : 6913521634

Option 2 ID : 6913521636

Option 3 ID : 6913521635

Option 4 ID : 6913521633

Status : Answered

Chosen Option : 4

Q.9 Clouds looking white in colour are due to the phenomenon of \_\_\_\_\_.

2

Ans

✗ 1. Reflection of light

✓ 2. Scattering of light

✗ 3. Refraction of light

✗ 4. Radiation

Question ID : 691352464

Option 1 ID : 6913521856

Option 2 ID : 6913521855

Option 3 ID : 6913521854

Option 4 ID : 6913521853

Status : Answered

Chosen Option : 1



**Q.9** An inlet pipe and an outlet pipe are taking turns to fill and drain a cistern, respectively, for an hour each at a time, starting with the inlet pipe when the cistern is empty. It takes the inlet pipe 15 hours to fully fill the empty cistern, whereas the outlet pipe can drain the filled cistern completely in 21 hours. How many hours will it take for the cistern to be full?

- Ans**
- 1. 105
  - 2. 52.5
  - 3. 100
  - 4. 99

Question ID : 691352416  
Option 1 ID : 6913521661  
Option 2 ID : 6913521663  
Option 3 ID : 6913521664  
Option 4 ID : 6913521662  
Status : Answered  
Chosen Option : 2

**Q.9** Which assumptions are implied from the below statement?  
4

“Trees can communicate and share nutrients with other trees in a forest” says a scientist.

**Assumptions:**

- I. Plants share extra nutrients with other plants.
- II. Underneath the earth everything is connected.

**Ans**  1. Only I is implicit.

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

Question ID : 691352435  
Option 1 ID : 6913521737  
Option 2 ID : 6913521738  
Option 3 ID : 6913521739  
Option 4 ID : 6913521740  
Status : Answered  
Chosen Option : 2

**Q.9** What is the greatest four-digit number that is exactly divisible by 49?  
5

- Ans**
- 1. 9994
  - 2. 9992
  - 3. 9996
  - 4. 9998

Question ID : 691352406  
Option 1 ID : 6913521622  
Option 2 ID : 6913521621  
Option 3 ID : 6913521623  
Option 4 ID : 6913521624  
Status : Answered

Q.9  
6 Bifocal lenses are used by people suffering from \_\_\_\_\_.

- Ans
- 1. Hypermetropia but not Myopia
  - 2. Myopia or Hypermetropia
  - 3. Myopia but not Hypermetropia
  - 4. Myopia and Hypermetropia

Question ID : 691352463  
 Option 1 ID : 6913521850  
 Option 2 ID : 6913521852  
 Option 3 ID : 6913521851  
 Option 4 ID : 6913521849  
 Status : Answered  
 Chosen Option : 4

Q.9  
7 In which year Goa was captured by Portuguese?

- Ans
- 1. 1515
  - 2. 1516
  - 3. 1510
  - 4. 1512

Question ID : 691352494  
 Option 1 ID : 6913521975  
 Option 2 ID : 6913521976  
 Option 3 ID : 6913521973  
 Option 4 ID : 6913521974  
 Status : Answered  
 Chosen Option : 3

Q.9  
8 Find the odd one out.

M	W	E	T
A	B	C	D

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

Question ID : 691352447  
 Option 1 ID : 6913521786  
 Option 2 ID : 6913521787  
 Option 3 ID : 6913521788  
 Option 4 ID : 6913521785  
 Status : Answered  
 Chosen Option : 3

**Q.9** Joy points out to a picture and says, "This is my mother's sister's husband." How is the person in the picture related to Joy?

- Ans**
- 1. Brother
  - 2. Paternal Uncle
  - 3. Maternal Uncle
  - 4. Son

Question ID : **691352427**  
Option 1 ID : **6913521705**  
Option 2 ID : **6913521708**  
Option 3 ID : **6913521707**  
Option 4 ID : **6913521706**  
Status : **Answered**  
Chosen Option : **3**

**Q.1** Who among the following has been honoured with the Global Diversity Award 2017 by the British Parliament House?

- Ans**
- 1. Aamir Khan
  - 2. Ranbir Kapoor
  - 3. Akshay Kumar
  - 4. Salman Khan

Question ID : **691352485**  
Option 1 ID : **6913521940**  
Option 2 ID : **6913521938**  
Option 3 ID : **6913521939**  
Option 4 ID : **6913521937**  
Status : **Answered**  
Chosen Option : **3**



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