



# RAILWAY RECRUITMENT BOARDS

## रेलवे भर्ती बोर्ड

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

Participant ID:	182037079540015
Participants Name:	VENU MEHAR RAPETI
Test Center Name:	iON Digital Zone iDZ Luthergeri
Test Date:	03/10/2018
Test Time:	9:00 AM - 10:30 AM
Subject:	Level 1

- Options shown in green color with a tick icon are correct
- Chosen option on top right of the question indicates the option selected by the candidate
- The numbers indicated against the Question ID and Option ID are the numbers to be noted and used for raising objections

Q.1 Two numbers are in the ratio of 15 : 11. If their HCF is 13, then the greater number is?

- Ans
- 1. 195
  - 2. 125
  - 3. 175
  - 4. 120

Question ID : 6789131704  
Option 1 ID : 6789136816  
Option 2 ID : 6789136814  
Option 3 ID : 6789136815  
Option 4 ID : 6789136813

Status : Answered

Chosen Option : 1

Q.2 ABCD is a quadrilateral inscribed in a circle (radius = r). The bisectors of the angles DAB and BCD intersect the circle at X and Y, respectively. What is the length of the straight line XY?

- Ans
- 1.  $\pi r^2$
  - 2.  $2r$
  - 3.  $(r + 2)$
  - 4.  $\frac{\pi r^2}{2}$

Question ID : 6789131721  
Option 1 ID : 6789136884  
Option 2 ID : 6789136882  
Option 3 ID : 6789136881  
Option 4 ID : 6789136883

Status : Answered

Chosen Option : 2

Q.3 What is the least number that when divided by 63 and 105 leaves remainder 4 in each case?

- Ans
- 1. 634
  - 2. 256
  - 3. 214
  - 4. 319

Question ID : 6789131707

Option 1 ID : 6789136828

Option 2 ID : 6789136825

Option 3 ID : 6789136826

Option 4 ID : 6789136827

Status : Answered

Chosen Option : 4

Q.4 What is the natural source of Oxalic acid?

- Ans  1. Tomato  
 2. Sour milk  
 3. Ant sting  
 4. Tamarind

Question ID : 6789131771

Option 1 ID : 6789137082

Option 2 ID : 6789137084

Option 3 ID : 6789137081

Option 4 ID : 6789137083

Status : Answered

Chosen Option : 1

Q.5 The absolute refractive index of any medium is always:

- Ans  1. more than one  
 2. 0  
 3. 1  
 4. less than one

Question ID : 6789131764

Option 1 ID : 6789137056

Option 2 ID : 6789137053

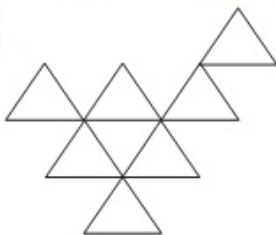
Option 3 ID : 6789137054

Option 4 ID : 6789137055

Status : Answered

Chosen Option : 3

Q.6 Count the number of triangles in the following figure:



- Ans  1. 10  
 2. 7  
 3. 8  
 4. 9

Question ID : 6789131751

Option 1 ID : 6789137004

Option 2 ID : 6789137001

Option 3 ID : 6789137002

Option 4 ID : 6789137003

Status : Answered

Q.7 If + means  $\div$ , - means +,  $\times$  means - and  $\div$  means  $\times$  then find the value of  $27 \div 15 - 36 + 6$ ?

- Ans  1. 411  
 2. 414  
 3. 416  
 4. 412

Question ID : 6789131737

Option 1 ID : 6789136945

Option 2 ID : 6789136947

Option 3 ID : 6789136948

Option 4 ID : 6789136946

Status : Answered

Chosen Option : 1

Q.8 Raghu goes to college at a speed of 4 kmph and returns at a speed of 3 kmph. If he takes 5.95 hrs in all, then what is the distance between his home and the college?

- Ans  1. 10.2 km  
 2. 10.5 km  
 3. 10 km  
 4. 20 km

Question ID : 6789131713

Option 1 ID : 6789136849

Option 2 ID : 6789136851

Option 3 ID : 6789136850

Option 4 ID : 6789136852

Status : Answered

Chosen Option : 1

Q.9 Find the next term for the series given below:

5G, 6H, 7I, 8J, ?

- Ans  1. 14K  
 2. 9K  
 3. 10K  
 4. 12G

Question ID : 6789131736

Option 1 ID : 6789136943

Option 2 ID : 6789136944

Option 3 ID : 6789136941

Option 4 ID : 6789136942

Status : Answered

Chosen Option : 2

Q.1 The secretion from the prostate gland enters into the:

- Ans  1. Kidney  
 2. Ureter  
 3. Urethra  
 4. Testis

Question ID : 6789131780

Option 1 ID : 6789137119

Option 2 ID : 6789137117  
Option 3 ID : 6789137118  
Option 4 ID : 6789137120  
Status : Answered  
Chosen Option : 4

Q.1  
1 Which one of the following is a leguminous crop?

- Ans
- 1. Mucuna
  - 2. Pulses
  - 3. Sesame
  - 4. Cereals

Question ID : 6789131799  
Option 1 ID : 6789137193  
Option 2 ID : 6789137194  
Option 3 ID : 6789137195  
Option 4 ID : 6789137196  
Status : Answered  
Chosen Option : 2

Q.1  
2 6 6 8 5 5 3 7 3 7 2 5 8 8 7 8 1 5 5 3

Using the above sequence find the term that does NOT belong to the group.

83, 35, 27, 81

- Ans
- 1. 27
  - 2. 83
  - 3. 81
  - 4. 35

Question ID : 6789131738  
Option 1 ID : 6789136951  
Option 2 ID : 6789136949  
Option 3 ID : 6789136952  
Option 4 ID : 6789136950  
Status : Answered  
Chosen Option : 3

Q.1  
3 The minimum value of LCM of given numbers is \_\_\_\_\_ the product of all the given numbers.

- Ans
- 1. always greater than
  - 2. always less than
  - 3. always equal to
  - 4. never equal to

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

Question ID : 6789131702  
Option 1 ID : 6789136805  
Option 2 ID : 6789136807  
Option 3 ID : 6789136806  
Option 4 ID : 6789136808  
Status : Answered  
Chosen Option : 2

Q.1  
4

Solve the following equation to find x:

$$(x - 2)^2 - 36 = 0 ; x \in \mathbb{N}$$

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

Question ID : 6789131722  
Option 1 ID : 6789136885  
Option 2 ID : 6789136888  
Option 3 ID : 6789136886  
Option 4 ID : 6789136887  
Status : Answered  
Chosen Option : 2

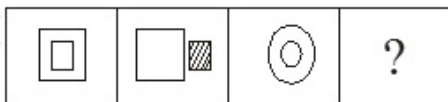
Q.1  
5 Who is the Chief Minister of Punjab as of 1<sup>st</sup> March 2018?

- Ans
- 1. Navjot Singh Sidhu
  - 2. Captain Amarinder Singh
  - 3. Parkash Singh Badal
  - 4. Naveen Mahindra

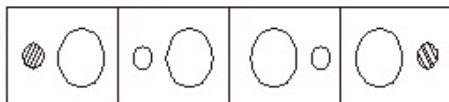
Question ID : 6789131790  
Option 1 ID : 6789137159  
Option 2 ID : 6789137157  
Option 3 ID : 6789137160  
Option 4 ID : 6789137158  
Status : Answered  
Chosen Option : 2

Q.1  
6 Find the next figure for the given series:

**Problem figures:**



**Answer figures:**

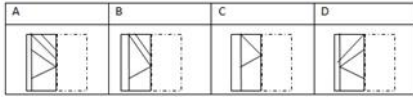


A B C D

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

Question ID : 6789131745  
Option 1 ID : 6789136978  
Option 2 ID : 6789136980  
Option 3 ID : 6789136977  
Option 4 ID : 6789136979  
Status : Answered  
Chosen Option : 2

Q.1 7 Which pattern will the given transparent sheet resemble when it is folded at the dotted line?



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

Question ID : 6789131753  
Option 1 ID : 6789137010  
Option 2 ID : 6789137009  
Option 3 ID : 6789137011  
Option 4 ID : 6789137012  
Status : Answered  
Chosen Option : 1

Q.1 8 \_\_\_\_\_ reproduces by binary fission

- Ans
- 1. Amoeba
  - 2. Liverfluke
  - 3. Plasmodium
  - 4. Planaria

Question ID : 6789131779  
Option 1 ID : 6789137115  
Option 2 ID : 6789137116  
Option 3 ID : 6789137113  
Option 4 ID : 6789137114  
Status : Answered  
Chosen Option : 1

Q.1 9 If  $2\sin\alpha\cos\beta\sin\gamma = \sin\beta\sin(\alpha + \beta)$  then  $\tan\alpha, \tan\beta$  &  $\tan\gamma$  are in:

- Ans
- 1. A.P.
  - 2. G.P.
  - 3. H.P.
  - 4. A.G.P.

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

Question ID : 6789131723  
Option 1 ID : 6789136889  
Option 2 ID : 6789136890  
Option 3 ID : 6789136891  
Option 4 ID : 6789136892  
Status : Not Attempted and Marked For Review  
Chosen Option : --

Q.2 0 Which of the following is associated with The Government of India's 'Khelo India' programme?

- Ans
- 1. Science and Technology
  - 2. Literature

3. Sports

4. Music

Question ID : 6789131783

Option 1 ID : 6789137132

Option 2 ID : 6789137129

Option 3 ID : 6789137131

Option 4 ID : 6789137130

Status : Answered

Chosen Option : 3

Q.2  
1 In a class there were 28 boys and some girls. In a test the mean score obtained by the boys was 12.5 while that obtained by the girls was 14.5. If the overall average was 13.1, what was the total number of students in the class?

Ans  1. 42

2. 44

3. 40

4. 38

Question ID : 6789131724

Option 1 ID : 6789136895

Option 2 ID : 6789136896

Option 3 ID : 6789136894

Option 4 ID : 6789136893

Status : Answered

Chosen Option : 3

Q.2  
2 Which of the following elements has the electronic configuration 2, 8, 3?

Ans  1. Magnesium

2. Sodium

3. Aluminium

4. Argon

Question ID : 6789131772

Option 1 ID : 6789137087

Option 2 ID : 6789137086

Option 3 ID : 6789137088

Option 4 ID : 6789137085

Status : Answered

Chosen Option : 3

Q.2  
3 \_\_\_\_\_ connects muscle to the bones.

Ans  1. Cartilage

2. Areolar

3. Ligaments

4. Tendons

Question ID : 6789131777

Option 1 ID : 6789137106

Option 2 ID : 6789137107

Option 3 ID : 6789137108

Option 4 ID : 6789137105

Status : Answered

Chosen Option : 3

4 The General Anti-Avoidance Rule introduced in the 2012-13 budget speech by the then Finance Minister Pranab Mukherjee was finally implemented on \_\_\_\_\_.

- Ans
- 1. 1 April 2016
  - 2. 1 April 2015
  - 3. 1 April 2017
  - 4. 1 April 2018

Question ID : 6789131798  
Option 1 ID : 6789137192  
Option 2 ID : 6789137190  
Option 3 ID : 6789137189  
Option 4 ID : 6789137191  
Status : Not Answered  
Chosen Option : --

Q.2  
5 In which of the following is  $MgCl_2$  soluble?

- Ans
- 1. Petrol
  - 2. Acetone
  - 3. Kerosene
  - 4. Water

Question ID : 6789131773  
Option 1 ID : 6789137091  
Option 2 ID : 6789137092  
Option 3 ID : 6789137090  
Option 4 ID : 6789137089  
Status : Not Answered  
Chosen Option : --

Q.2  
6 Which film was awarded the Best Film on Social Issues in the 64<sup>th</sup> National Film Awards in 2017?

- Ans
- 1. Udta Punjab
  - 2. Bobby Jasoos
  - 3. Neerja
  - 4. Pink

Question ID : 6789131784  
Option 1 ID : 6789137133  
Option 2 ID : 6789137136  
Option 3 ID : 6789137134  
Option 4 ID : 6789137135  
Status : Answered  
Chosen Option : 1

Q.2  
7 Who is the author of the book 'Why I am a Hindu' published in 2017?

- Ans
- 1. Shashi Tharoor
  - 2. Manmohan Singh
  - 3. Arnab Goswami
  - 4. Venkaiah Naidu

Question ID : 6789131786  
Option 1 ID : 6789137144  
Option 2 ID : 6789137141



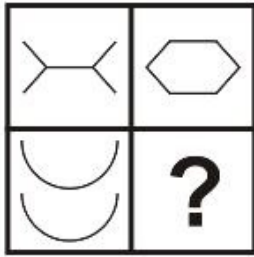
Option 3 ID : 6789137143

Option 4 ID : 6789137142

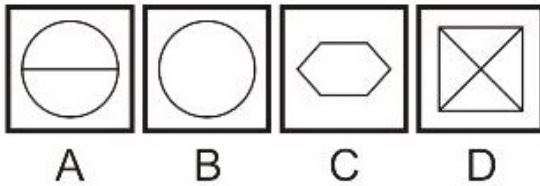
Status : **Not Attempted and Marked For Review**

Chosen Option : --

Q.2  
8



Choose the correct picture that fit the blank place.



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

Question ID : 6789131748

Option 1 ID : 6789136990

Option 2 ID : 6789136991

Option 3 ID : 6789136992

Option 4 ID : 6789136989

Status : **Answered**

Chosen Option : 4

Q.2  
9 Ibrahim Lodi was killed by \_\_\_\_\_ in the First Battle of Panipat in 1526.

- Ans  1. Muhammad Shah  
 2. Firoz Shah Tughlaq  
 3. Babur  
 4. Timur

Question ID : 6789131795

Option 1 ID : 6789137177

Option 2 ID : 6789137180

Option 3 ID : 6789137178

Option 4 ID : 6789137179

Status : **Answered**

Chosen Option : 3

Q.3  
0 A statement is followed by two arguments. Decide which of the arguments is/are strong with respect to the statement.

**Statement:**

Should too much revealing dress be banned?

**Argument:**

1. Yes, it disturbs the people and create abuse.
2. No, wearing cloths of their choice is the fundamental right of the individual

- Ans  1. Neither argument 1 and 2 is strong

- 2. Only argument 1 is strong
- 3. Only argument 2 is strong
- 4. Either argument 1 or 2 is strong

Question ID : 6789131734

Option 1 ID : 6789136936

Option 2 ID : 6789136933

Option 3 ID : 6789136934

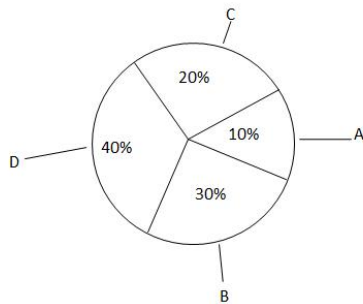
Option 4 ID : 6789136935

Status : Answered

Chosen Option : 4

Q.3 The data shows the information on the number of children vaccinated in the year 2016 in different cities:

1



If the total number of children vaccinated in the year 2016 is 1,20,000, then how many children from city 'A' were vaccinated?

- Ans
- 1. 36,000
  - 2. 24,000
  - 3. 12,000
  - 4. 48,000

Question ID : 6789131740

Option 1 ID : 6789136959

Option 2 ID : 6789136958

Option 3 ID : 6789136957

Option 4 ID : 6789136960

Status : Answered

Chosen Option : 3

Q.3 Who among the following was conferred with sainthood by Pope Francis in 2016?

2

- Ans
- 1. Mary Euphrasia
  - 2. Kuriakose
  - 3. Sister Alphonsa
  - 4. Mother Teresa

Question ID : 6789131787

Option 1 ID : 6789137147

Option 2 ID : 6789137146

Option 3 ID : 6789137148

Option 4 ID : 6789137145

Status : Answered

Chosen Option : 3

Q.3 Name the team which won the Santosh Trophy for the 32<sup>nd</sup> time in 2017?

3

- Ans
- 1. Odisha

✓ 2. West Bengal

✗ 3. Andhra Pradesh

✗ 4. Punjab

Question ID : 6789131781

Option 1 ID : 6789137122

Option 2 ID : 6789137121

Option 3 ID : 6789137123

Option 4 ID : 6789137124

Status : Answered

Chosen Option : 2

Q.3 The ratio of the sides of a triangular shaped park is 3 : 4 : 5 and the perimeter of the park is 170 m. What is the  
4 perpendicular distance in meters from the vertex, opposite to the largest side of the park?

Ans 1.  $2400\sqrt{84}$

2.  $2400\sqrt{42}$

3.  $4800\sqrt{42}$

4.  $2400\sqrt{21}$

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

Question ID : 6789131711

Option 1 ID : 6789136844

Option 2 ID : 6789136842

Option 3 ID : 6789136843

Option 4 ID : 6789136841

Status : Not Attempted and Marked For Review

Chosen Option : --

Q.3  $\frac{1}{9}$ th of the audience of a program Jabardast were children,  $\frac{2}{5}$ th of the audience were men and the rest women.  
5 If the number of women audience is 380, find the total number of audience in the program?

Ans ✗ 1. 600

✗ 2. 500

✗ 3. 400

✓ 4. 800

Question ID : 6789131703

Option 1 ID : 6789136810

Option 2 ID : 6789136812

Option 3 ID : 6789136809

Option 4 ID : 6789136811

Status : Answered

Chosen Option : 4

Q.3 Who is appointed as UNICEF's ambassador for Goodwill?  
6

Ans ✓ 1. Lilly Singh

✗ 2. Iravati Dubey

✗ 3. Lillete Dubey

✗ 4. Rosa Mendes

Question ID : 6789131788

Option 1 ID : 6789137149

Option 2 ID : 6789137151

Option 3 ID : 6789137150  
Option 4 ID : 6789137152  
Status : Answered  
Chosen Option : 1

Q.3  
7 Which of the numbers given below is the square root of 14161?

- Ans
- 1. 119
  - 2. 121
  - 3. 131
  - 4. 129

Question ID : 6789131705  
Option 1 ID : 6789136819  
Option 2 ID : 6789136820  
Option 3 ID : 6789136817  
Option 4 ID : 6789136818  
Status : Answered  
Chosen Option : 1

Q.3  
8 Who is India's next Ambassador to Peru?

- Ans
- 1. M. Subbarayudu
  - 2. Yashvardhan Kumar Sinha
  - 3. Dr Rizal Sukma
  - 4. Sandeep Chakravorty

Question ID : 6789131792  
Option 1 ID : 6789137167  
Option 2 ID : 6789137166  
Option 3 ID : 6789137165  
Option 4 ID : 6789137168  
Status : Answered  
Chosen Option : 1

Q.3  
9 Mathura Refinery, the \_\_\_\_\_ refinery of Indian Oil was commissioned in 1982 with a capacity of 6.0 MMTPA to meet the demand of petroleum products in north western region of India.

- Ans
- 1. 7<sup>th</sup>
  - 2. 5<sup>th</sup>
  - 3. 6<sup>th</sup>
  - 4. 9<sup>th</sup>

Question ID : 6789131793  
Option 1 ID : 6789137169  
Option 2 ID : 6789137170  
Option 3 ID : 6789137171  
Option 4 ID : 6789137172  
Status : Not Answered  
Chosen Option : --

Q.4  
0 Rajaram's son's sister's mother is Ramani. How is Ramani related to Rajaram?

- Ans
- 1. Aunt
  - 2. Wife
  - 3. Sister
  - 4. Cousin

Question ID : 6789131726  
Option 1 ID : 6789136904  
Option 2 ID : 6789136902  
Option 3 ID : 6789136903  
Option 4 ID : 6789136901  
Status : Answered  
Chosen Option : 2

Q.4  
1 There are \_\_\_\_\_ metalloids in the modern periodic table.

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

Question ID : 6789131775  
Option 1 ID : 6789137098  
Option 2 ID : 6789137097  
Option 3 ID : 6789137100  
Option 4 ID : 6789137099  
Status : Answered  
Chosen Option : 1

Q.4  
2 In a quadrilateral PQRS,  $\angle S = 90^\circ$ . A circle ( $o, r$ ) touches the sides PQ, QR, RS and SP at A, B, C and D respectively.  
If QR = 38 cm, RS = 25 cm and QA = 27 cm, find 'r'.

- Ans
- 1. 16 cm
  - 2. 12 cm
  - 3. 14 cm
  - 4. 10 cm

Question ID : 6789131725  
Option 1 ID : 6789136900  
Option 2 ID : 6789136898  
Option 3 ID : 6789136899  
Option 4 ID : 6789136897  
Status : Not Answered  
Chosen Option : --

Q.4  
3 Each question given below consists of a statement, followed by two arguments numbered I & II. You have to decide which of the arguments is a 'strong' argument.

**Statement:**

Is global warming a real threat?

**Arguments :**

- I. Yes, it is a threat leading to the consequences of sea level rise, extreme heat, heightened wildfire risk, and drought and other water supply issues.
- II. No, Global warming is a misconception created by some people.

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

Question ID : 6789131732  
Option 1 ID : 6789136926  
Option 2 ID : 6789136927  
Option 3 ID : 6789136925  
Option 4 ID : 6789136928  
Status : Answered

Q.4  
4 What time does the mirror image of an analog clock at 5'O clock show?

- Ans
- 1. 12:00
  - 2. 5:00
  - 3. 7:00
  - 4. 6:00

Question ID : 6789131752

Option 1 ID : 6789137008

Option 2 ID : 6789137007

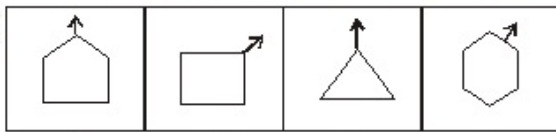
Option 3 ID : 6789137006

Option 4 ID : 6789137005

Status : Answered

Chosen Option : 3

Q.4  
5 Choose the odd one out from among the given figures.



A

B

C

D

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

Question ID : 6789131744

Option 1 ID : 6789136974

Option 2 ID : 6789136973

Option 3 ID : 6789136976

Option 4 ID : 6789136975

Status : Answered

Chosen Option : 3

Q.4  
6 Which is the only non-metal placed at the left side of the Modern Periodic Table?

- Ans
- 1. Hydrogen
  - 2. Carbon
  - 3. Neon
  - 4. Helium

Question ID : 6789131774

Option 1 ID : 6789137094

Option 2 ID : 6789137095

Option 3 ID : 6789137096

Option 4 ID : 6789137093

Status : Answered

Chosen Option : 1

Q.4  
7

Read the following statements and the conclusions that follow. Decide which of the two conclusions follow from the given statements.

**Statements:**

- All swans are parrots.
- No parrot is a cuckoo.

**Conclusions:**

1. No swan is a cuckoo.
2. All parrots are swans.

- Ans  1. Only conclusion 2 follows
2. Only conclusion 1 follows
3. Either conclusion 1 or 2 follows
4. Both conclusions 1 and 2 follow

Question ID : 6789131731  
Option 1 ID : 6789136922  
Option 2 ID : 6789136921  
Option 3 ID : 6789136923  
Option 4 ID : 6789136924  
Status : Answered  
Chosen Option : 2

Q.4 An electric iron of 750 W is used for 8 hours per day. Then the energy consumed in one day by the iron is:

- 8
- Ans  1. 6 units
2. 600 units
3. 0.6 units
4. 60 units

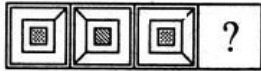
Question ID : 6789131762  
Option 1 ID : 6789137045  
Option 2 ID : 6789137048  
Option 3 ID : 6789137046  
Option 4 ID : 6789137047  
Status : Answered  
Chosen Option : 1

Q.4 Raghu bought an article for ₹ 14,360 and spent ₹ 240 on its transportation. At what amount he has to sell it to get a profit of 15%? (in ₹)

- 9
- Ans  1. ₹ 16,000
2. ₹ 16,790
3. ₹ 16,150
4. ₹ 16,800

Question ID : 6789131709  
Option 1 ID : 6789136833  
Option 2 ID : 6789136835  
Option 3 ID : 6789136834  
Option 4 ID : 6789136836  
Status : Answered  
Chosen Option : 2

Q.5  
0



Choose the correct picture which fit the blank space from the figures given below.



A B C D

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

Question ID : 6789131746  
Option 1 ID : 6789136981  
Option 2 ID : 6789136982  
Option 3 ID : 6789136984  
Option 4 ID : 6789136983  
Status : Answered  
Chosen Option : 1

Q.5 Coins of ₹ \_\_\_\_\_ denomination were introduced by the Reserve Bank of India (RBI) to mark MG Ramachandran's  
1 birth centenary.

- Ans  1. 200  
 2. 100  
 3. 500  
 4. 20

Question ID : 6789131800  
Option 1 ID : 6789137199  
Option 2 ID : 6789137198  
Option 3 ID : 6789137200  
Option 4 ID : 6789137197  
Status : Answered  
Chosen Option : 2

Q.5 The LCM of 72 and 84 is:  
2

- Ans  1.  $12 \times 6 \times 7$   
 2.  $6 \times 2 \times 7$   
 3.  $12 \times 7 \times 3$   
 4.  $72 \times 84$

Question ID : 6789131701  
Option 1 ID : 6789136802  
Option 2 ID : 6789136804  
Option 3 ID : 6789136803  
Option 4 ID : 6789136801  
Status : Answered  
Chosen Option : 1

Q.5 The energy obtained from atoms is known as \_\_\_\_\_.  
3

- Ans  1. Solar energy  
 2. Heat energy  
 3. Nuclear energy



**X** 4. Chemical energy

Question ID : 6789131761  
Option 1 ID : 6789137043  
Option 2 ID : 6789137044  
Option 3 ID : 6789137042  
Option 4 ID : 6789137041  
Status : Answered  
Chosen Option : 3

Q.5  
4 Which of the following is NOT true about vascular system?

- Ans
- X** 1. Life span of human RBC is 115-120 days.
  - X** 2. The vascular system forms about 7-8% of the body weight.
  - ✓** 3. Blood is white or red vascular connective tissue.
  - X** 4. There is about 6.8 liters of blood in an adult person

Question ID : 6789131778  
Option 1 ID : 6789137112  
Option 2 ID : 6789137110  
Option 3 ID : 6789137109  
Option 4 ID : 6789137111  
Status : Answered  
Chosen Option : 4

Q.5  
5 A man travels 480 km in 4 hours, partly by air and partly by train. If he had travelled all the way by air, he would have saved  $\frac{4}{5}$  of the time he would have taken to travel by train and would have arrived at his destination 2 hours early. Find the distance he covered by travelling by train.

- Ans
- X** 1. 80 km
  - ✓** 2. 120 km
  - X** 3. 110 km
  - X** 4. 90 km

Question ID : 6789131715  
Option 1 ID : 6789136858  
Option 2 ID : 6789136860  
Option 3 ID : 6789136859  
Option 4 ID : 6789136857  
Status : Not Attempted and Marked For Review  
Chosen Option : --

Q.5  
6 The zeros of the cubic polynomial  $2x^3 - x^2 - 2x + 1$  are  $a$ ,  $b$  and  $c$ , respectively. Find  $a + b + c$ :

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

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

Question ID : 6789131706  
Option 1 ID : 6789136823  
Option 2 ID : 6789136822  
Option 3 ID : 6789136824  
Option 4 ID : 6789136821  
Status : Not Attempted and Marked For Review  
Chosen Option : --

Q.5 X can complete a task in 8 days, whereas Y can complete the same task in 10 days. If they work together, in how many days will the task be completed?

Ans

✓ 1.  $4\frac{4}{9}$

✗ 2.  $\frac{9}{40}$

✗ 3.  $4\frac{8}{9}$

✗ 4. 9

Question ID : 6789131714

Option 1 ID : 6789136855

Option 2 ID : 6789136854

Option 3 ID : 6789136856

Option 4 ID : 6789136853

Status : Answered

Chosen Option : 1

Q.5 The potential difference between the terminals of an electric heater is 60 V when it draws a current of 4 A from the source. What current will the heater draw if the potential difference is increased to 127.5 V ?

Ans

✓ 1. 8.5 A

✗ 2. 24 A

✗ 3. 10 A

✗ 4. 12 A

Question ID : 6789131766

Option 1 ID : 6789137063

Option 2 ID : 6789137061

Option 3 ID : 6789137064

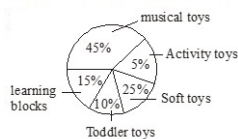
Option 4 ID : 6789137062

Status : Answered

Chosen Option : 1

Q.5 The following pie chart shows information on sales of a toy making company "XYZ" during 2017-18 financial year.

9



The total revenue made by sales of the toys was ₹ 38,72,000/-. Which type of toys made highest revenue for the company?

Ans

✗ 1. Toddler toys

✓ 2. Musical toys

✗ 3. Soft toys

✗ 4. Learning blocks

Question ID : 6789131742

Option 1 ID : 6789136968

Option 2 ID : 6789136966

Option 3 ID : 6789136965

Option 4 ID : 6789136967

Status : Answered

Chosen Option : 2

Q.6 From a square plate with each side 7 cm, squares of area  $0.25\text{ cm}^2$  are cut out at each corner and the remaining plate is folded along the cuts to form a cuboid. The volume of this open-top cuboid will be \_\_\_\_\_  $\text{cm}^3$ .

Ans

✗ 1. 21

- 2. 16
- 3. 18
- 4. 20

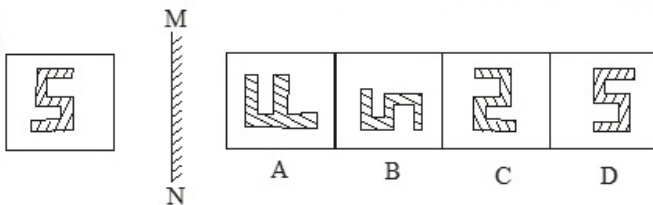
Question ID : 6789131716  
 Option 1 ID : 6789136864  
 Option 2 ID : 6789136861  
 Option 3 ID : 6789136862  
 Option 4 ID : 6789136863  
 Status : Answered  
 Chosen Option : 3

Q.6  $\frac{7}{9}$  of the people present in a hall are sitting in  $\frac{9}{13}$  of the chairs available and the rest are standing. If there are 28 empty chairs, how many chairs would have been still empty if everyone in the hall was sitting?

- Ans
- 1. 15
  - 2. 12
  - 3. 18
  - 4. 10

Question ID : 6789131708  
 Option 1 ID : 6789136832  
 Option 2 ID : 6789136829  
 Option 3 ID : 6789136830  
 Option 4 ID : 6789136831  
 Status : Not Attempted and Marked For Review  
 Chosen Option : --

Q.6 Find the mirror image of the given figure if the mirror is placed at line MN.



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

Question ID : 6789131755  
 Option 1 ID : 6789137019  
 Option 2 ID : 6789137017  
 Option 3 ID : 6789137020  
 Option 4 ID : 6789137018  
 Status : Answered  
 Chosen Option : 1

Q.6 What is the Compound interest on ₹ 5000 in 3 years, if the rate of interest is 4% for the first year, 3% for the second year and 2% for the third year?

- Ans
- 1. ₹ 435.21
  - 2. ₹ 453.12
  - 3. ₹ 436.12
  - 4. ₹ 463.12

Question ID : 6789131712  
 Option 1 ID : 6789136848

Option 2 ID : 6789136846  
Option 3 ID : 6789136847  
Option 4 ID : 6789136845  
Status : Answered  
Chosen Option : 4

Q.6  
4 Calculate the relative molecular mass of water ( $H_2O$ ).

- Ans  1. 18 u  
 2. 1.8 u  
 3. 2.0 u  
 4. 20 u

Question ID : 6789131768  
Option 1 ID : 6789137070  
Option 2 ID : 6789137069  
Option 3 ID : 6789137071  
Option 4 ID : 6789137072  
Status : Answered  
Chosen Option : 1

Q.6  
5 Which type of cell, skin is made up of:

- Ans  1. Epidermal cells  
 2. Connective tissue  
 3. Permanent tissues  
 4. Parenchyma

Question ID : 6789131776  
Option 1 ID : 6789137102  
Option 2 ID : 6789137101  
Option 3 ID : 6789137104  
Option 4 ID : 6789137103  
Status : Answered  
Chosen Option : 1

Q.6 A statement is followed by two arguments. Decide which of the arguments is/are strong with respect to the statement.

6

**Statement:**

From tender age children must be trained to do household chores.

**Arguments:**

- I. Yes, it will make them grow responsible for their work.  
II. No, it is enough that we send them to school as they learn everything there.

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

Question ID : 6789131735  
Option 1 ID : 6789136939  
Option 2 ID : 6789136940  
Option 3 ID : 6789136938  
Option 4 ID : 6789136937  
Status : Answered  
Chosen Option : 4

Q.6

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

Real : Genuine :: Fake : ?

- Ans
- 1. Authentic
  - 2. Fell
  - 3. Counterfeit
  - 4. True

Question ID : 6789131730

Option 1 ID : 6789136920

Option 2 ID : 6789136918

Option 3 ID : 6789136917

Option 4 ID : 6789136919

Status : Answered

Chosen Option : 3

Q.6 The two roots of a quadratic equation are given as  $x = \frac{1}{7}$  and  $x = -\frac{1}{8}$ . The equation can be written as:

- Ans
- 1.  $(7x - 1)(8x - 1) = 0$
  - 2.  $(7x - 1)(8x + 1) = 0$
  - 3.  $(7x + 1)(8x - 1) = 0$
  - 4.  $(7x + 1)(8x + 1) = 0$

Question ID : 6789131718

Option 1 ID : 6789136870

Option 2 ID : 6789136871

Option 3 ID : 6789136869

Option 4 ID : 6789136872

Status : Answered

Chosen Option : 2

Q.6 The magnitude of buoyant force depends on the \_\_\_\_\_ of the fluid.

- Ans
- 1. mass
  - 2. temperature
  - 3. volume
  - 4. density

Question ID : 6789131756

Option 1 ID : 6789137021

Option 2 ID : 6789137024

Option 3 ID : 6789137022

Option 4 ID : 6789137023

Status : Answered

Chosen Option : 4

Q.7 Anil is facing the East. He then turns 90° clockwise and then 135° anti-clockwise. In which direction is he facing now?

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

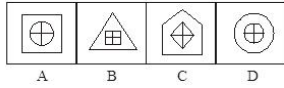
Question ID : 6789131754

Option 1 ID : 6789137016

Option 2 ID : 6789137014

Option 3 ID : 6789137015  
Option 4 ID : 6789137013  
Status : Answered  
Chosen Option : 3

Q.7 Out of the four option figures, three are similar in a certain manner. However, one figure is NOT like the other three.  
1 Select the figure which is different from the rest.



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

Question ID : 6789131747  
Option 1 ID : 6789136987  
Option 2 ID : 6789136988  
Option 3 ID : 6789136986  
Option 4 ID : 6789136985  
Status : Answered  
Chosen Option : 2

Q.7 Who among the following inaugurated the Dr. A.P.J. Abdul Kalam Memorial in Rameswaram?  
2

- Ans  1. Narendra Modi  
 2. O. Panneerselvam  
 3. Pranab Mukherjee  
 4. K. Palaniswami

Question ID : 6789131791  
Option 1 ID : 6789137163  
Option 2 ID : 6789137162  
Option 3 ID : 6789137161  
Option 4 ID : 6789137164  
Status : Answered  
Chosen Option : 1

Q.7 Geneva-based International Campaign to Abolish Nuclear Weapons (ICAN) received the 2017 \_\_\_\_\_.  
3

- Ans  1. Nobel Peace Prize  
 2. Albert Einstein Peace Prize  
 3. Gandhi Peace Award  
 4. Bruno Kreisky Award

Question ID : 6789131789  
Option 1 ID : 6789137154  
Option 2 ID : 6789137153  
Option 3 ID : 6789137155  
Option 4 ID : 6789137156  
Status : Answered  
Chosen Option : 1

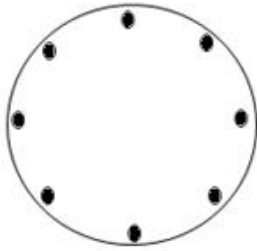
Q.7 If two flood gates A and B function simultaneously, the reservoir will be filled in 6 hours. Gate A fills the reservoir 5 hours faster than gate B. How many hours does the faster flood gate take to fill the reservoir?  
4

- Ans  1. 7 hrs  
 2. 13 hrs

- 3. 5 hrs
- 4. 10 hrs

Question ID : 6789131717  
 Option 1 ID : 6789136866  
 Option 2 ID : 6789136868  
 Option 3 ID : 6789136865  
 Option 4 ID : 6789136867  
 Status : Answered  
 Chosen Option : 4

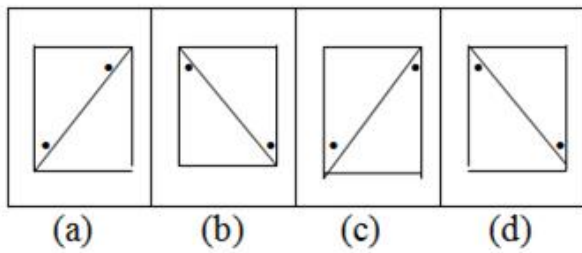
Q.7  
5 \_\_\_\_\_ element is represented by the given symbol.



- Ans
- 1. Hydrogen
  - 2. Mercury
  - 3. Carbon
  - 4. Gold

Question ID : 6789131767  
 Option 1 ID : 6789137065  
 Option 2 ID : 6789137067  
 Option 3 ID : 6789137066  
 Option 4 ID : 6789137068  
 Status : Answered  
 Chosen Option : 1

Q.7  
6 Choose the figure which is different from the rest.



- Ans
- 1. b
  - 2. c
  - 3. a
  - 4. d

Question ID : 6789131749  
 Option 1 ID : 6789136994  
 Option 2 ID : 6789136995  
 Option 3 ID : 6789136993  
 Option 4 ID : 6789136996  
 Status : Answered  
 Chosen Option : 3

Q.7 Four words have been given below of which three are alike in some way and one is different. Choose the odd one out.

7

- Ans
- 1. Table
  - 2. Chair
  - 3. Cupboard
  - 4. Cardigan

Question ID : 6789131727  
Option 1 ID : 6789136906  
Option 2 ID : 6789136905  
Option 3 ID : 6789136907  
Option 4 ID : 6789136908  
Status : Answered  
Chosen Option : 4

Q.7 \_\_\_\_\_, the Sultan of Delhi shifted his capital from Delhi to Daulatabad.

8

- Ans
- 1. Iltutmish
  - 2. Akbar
  - 3. Ghiyas-ud-din Balban
  - 4. Muhammad-bin-Tughlaq

Question ID : 6789131794  
Option 1 ID : 6789137175  
Option 2 ID : 6789137173  
Option 3 ID : 6789137176  
Option 4 ID : 6789137174  
Status : Answered  
Chosen Option : 4

Q.7 The base of a pyramid is a rectangle whose length and breadth are 16 cm and 12 cm respectively. If the length of all the lateral edges passing through the vertex of the right rectangular pyramid is 26 cm, then find the volume of the pyramid in cubic centimeter?

9

- Ans
- 1. 1536
  - 2. 1024
  - 3. 718
  - 4. 2072

Question ID : 6789131720  
Option 1 ID : 6789136879  
Option 2 ID : 6789136878  
Option 3 ID : 6789136877  
Option 4 ID : 6789136880  
Status : Not Attempted and Marked For Review  
Chosen Option : --

Q.8 Kiran swims in a 90 m long pool. He covers 360 m in two minutes by swimming from one end to the other and back along the same straight path, twice. Find the average speed of Kiran.

0

- Ans
- 1.  $4 \text{ ms}^{-1}$
  - 2.  $6 \text{ ms}^{-1}$
  - 3.  $3 \text{ ms}^{-1}$
  - 4.  $5 \text{ ms}^{-1}$

Question ID : 6789131759  
Option 1 ID : 6789137034  
Option 2 ID : 6789137036  
Option 3 ID : 6789137035



Option 4 ID : 6789137033  
Status : Answered  
Chosen Option : 3

Q.8  
1 A solar cell is made up of:

- Ans
- 1. Carbon
  - 2. Gallium
  - 3. Silicon
  - 4. Teflon

Question ID : 6789131765  
Option 1 ID : 6789137057  
Option 2 ID : 6789137059  
Option 3 ID : 6789137060  
Option 4 ID : 6789137058  
Status : Answered  
Chosen Option : 3

Q.8  
2 Which of the statements is sufficient to answer the question?

**Question:**

Find the sum of the first 10 numbers in the series.

**Statements:**

- I. The first number is 2 and 10<sup>th</sup> number is 20.
- II. The common difference is 2.

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

Question ID : 6789131741  
Option 1 ID : 6789136962  
Option 2 ID : 6789136961  
Option 3 ID : 6789136964  
Option 4 ID : 6789136963  
Status : Answered  
Chosen Option : 3

Q.8  
3 The author of the book "The People's President: Dr. A P J Abdul Kalam" is:

- Ans
- 1. Tarun Vijay
  - 2. Sumitra Mahajan
  - 3. KC Pant
  - 4. SM Khan

Question ID : 6789131785  
Option 1 ID : 6789137137  
Option 2 ID : 6789137138  
Option 3 ID : 6789137139  
Option 4 ID : 6789137140  
Status : Not Answered  
Chosen Option : --

Q.8  
4 Mathur's uncle's daughter's brother is Somu. How is Somu related to Mathur?

- Ans
- 1. Cousin
  - 2. Son
  - 3. Brother
  - 4. Father

Question ID : 6789131728  
Option 1 ID : 6789136911  
Option 2 ID : 6789136910  
Option 3 ID : 6789136912  
Option 4 ID : 6789136909  
Status : Answered  
Chosen Option : 1

Q.8  
5 1 kW = ?

- Ans
- 1. 1000 W
  - 2. 10 W
  - 3. 100 W
  - 4. 10000 W

Question ID : 6789131760  
Option 1 ID : 6789137039  
Option 2 ID : 6789137037  
Option 3 ID : 6789137038  
Option 4 ID : 6789137040  
Status : Answered  
Chosen Option : 1

Q.8  
6 If a : b is 32 : 35 and b : c is 21 : 32, then a : c is?

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

Question ID : 6789131710  
Option 1 ID : 6789136838  
Option 2 ID : 6789136839  
Option 3 ID : 6789136837  
Option 4 ID : 6789136840  
Status : Answered  
Chosen Option : 2

Q.8  
7 The force exerted on an object is 200 N and its mass is 100 kg. Find the acceleration of the object.

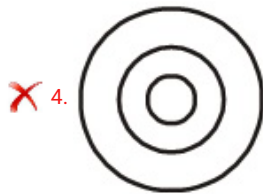
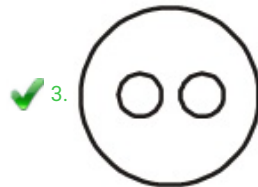
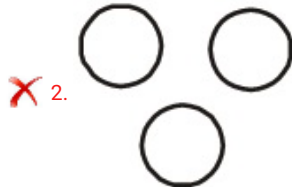
- Ans
- 1.  $2 \text{ ms}^{-1}$
  - 2.  $2 \text{ ms}^{-2}$
  - 3.  $2 \text{ ms}^1$
  - 4.  $20 \text{ ms}^{-2}$

Question ID : 6789131758  
Option 1 ID : 6789137029  
Option 2 ID : 6789137032  
Option 3 ID : 6789137030

Q.8  
8 Choose the best suitable Venn diagram for the following words:

transport vehicle, truck, van

Ans



Question ID : 6789131750  
Option 1 ID : 6789136997  
Option 2 ID : 6789136999  
Option 3 ID : 6789136998  
Option 4 ID : 6789137000  
Status : Answered  
Chosen Option : 3

Q.8  
9 Rate of change of displacement is known as \_\_\_\_\_.

Ans  1. Acceleration

2. Velocity

3. Speed

4. Distance

Question ID : 6789131757  
Option 1 ID : 6789137027  
Option 2 ID : 6789137028  
Option 3 ID : 6789137025  
Option 4 ID : 6789137026  
Status : Answered  
Chosen Option : 2

Q.9  
0 Which is the state animal of Andhra Pradesh?

Ans  1. Mithun

2. Ox

3. One-horned rhinoceros

4. Blackbuck

Question ID : 6789131797

Option 1 ID : 6789137185

Option 2 ID : 6789137186

Option 3 ID : 6789137187

Option 4 ID : 6789137188

Status : Answered

Chosen Option : 4

Q.9  
1 Find the next number in the given series.

9, 11, 15, 17, 21, 23, ?

Ans  1. 29

2. 28

3. 30

4. 27

Question ID : 6789131739

Option 1 ID : 6789136955

Option 2 ID : 6789136954

Option 3 ID : 6789136956

Option 4 ID : 6789136953

Status : Answered

Chosen Option : 4

Q.9  
2 In a code language, BURN is written as YFIM. What is the code for WOUND?

Ans  1. DLFMD

2. DLFMW

3. DNFMW

4. DPFMW

Question ID : 6789131729

Option 1 ID : 6789136914

Option 2 ID : 6789136913

Option 3 ID : 6789136916

Option 4 ID : 6789136915

Status : Answered

Chosen Option : 2

Q.9  
3 Read the following statement and the arguments that follow. Decide which of the arguments is strong.

**Statement:**

Should written examination in primary schools be abolished?

**Arguments:**

1. Yes, young students feel the burden and such examinations do not help in the natural thinking process.

2. No, without examination students will not be serious about education and learning.

Ans  1. Both arguments 1 and 2 are strong

2. Only argument 1 is strong

3. Neither argument 1 nor 2 is strong

4. Only argument 2 is strong

Question ID : 6789131733

Option 1 ID : 6789136931

Option 2 ID : 6789136929  
Option 3 ID : 6789136932  
Option 4 ID : 6789136930  
Status : Answered  
Chosen Option : 4

Q.9 A solution contains 33 g of common salt in 320 g of water. Calculate the concentration in terms of mass, by mass  
4 percentage of the solution.

- Ans  1. 13.05%  
 2. 9.09 g  
 3. 9.35 g  
 4. 9.35%

Question ID : 6789131769  
Option 1 ID : 6789137076  
Option 2 ID : 6789137074  
Option 3 ID : 6789137073  
Option 4 ID : 6789137075  
Status : Answered  
Chosen Option : 4

Q.9 You are given a question and two statements. Identify which of the statements is/are necessary/sufficient to answer the  
5 question.

**Question:**

What is the colour of Jasmine?

**Statements:**

- I. Blue is called white, white is called red and red is called yellow.  
II. Yellow is called purple, purple is called black, white is called brown and brown is called orange.

- Ans  1. Data in I alone is sufficient  
 2. Data either in I alone or II alone is sufficient  
 3. Data in both I and II together is not sufficient  
 4. Data in II alone is sufficient

Question ID : 6789131743  
Option 1 ID : 6789136969  
Option 2 ID : 6789136971  
Option 3 ID : 6789136972  
Option 4 ID : 6789136970  
Status : Answered  
Chosen Option : 2

Q.9 \_\_\_\_\_ is the new capital of Andhra Pradesh.  
6

- Ans  1. Amaravati  
 2. Hyderabad  
 3. Secunderabad  
 4. Tirupati

Question ID : 6789131796  
Option 1 ID : 6789137182  
Option 2 ID : 6789137181  
Option 3 ID : 6789137183  
Option 4 ID : 6789137184  
Status : Answered  
Chosen Option : 1

Q.9

7 Which of the following statements is/are true/false about speed of sound in different media at 25 °C ?

- A. In oxygen gas, the speed of sound is 316 km/s.  
B. In water (distilled), the speed of sound is 1498 km/s

- Ans  1. Only A is true  
 2. Both A and B are true  
 3. Neither A nor B is true  
 4. Only B is true

Question ID : 6789131763  
Option 1 ID : 6789137049  
Option 2 ID : 6789137051  
Option 3 ID : 6789137052  
Option 4 ID : 6789137050  
Status : Answered  
Chosen Option : 3

Q.9  
8 Who among the following is the first Indian female gymnast ever to compete in the Olympics?

- Ans  1. Bindu Bhosle  
 2. Dipa Karmakar  
 3. Jyoti More  
 4. Aruna Reddy

Question ID : 6789131782  
Option 1 ID : 6789137126  
Option 2 ID : 6789137127  
Option 3 ID : 6789137128  
Option 4 ID : 6789137125  
Status : Answered  
Chosen Option : 2

Q.9  
9 At what time between 4 o'clock and 5 o'clock will the two hands of the clock be at the right angle to each other for the first time?

- Ans  1. 58/11 min past 4 o'clock  
 2. 422/11 min past 4 o'clock  
 3. 60/11 min past 4 o'clock  
 4. 420/11 min past 4 o'clock

Question ID : 6789131719  
Option 1 ID : 6789136875  
Option 2 ID : 6789136876  
Option 3 ID : 6789136873  
Option 4 ID : 6789136874  
Status : Answered  
Chosen Option : 3

Q.1  
00

Which of the following statements about the reaction below are INCORRECT?



- A. Carbon di-oxide is getting oxidised
- B. Lead is getting reduced
- C. Carbon is oxidised
- D. Lead oxide is getting reduced

- Ans
- 1. A and C
  - 2. A and B
  - 3. B and C
  - 4. A, B and C

Question ID : 6789131770

Option 1 ID : 6789137078

Option 2 ID : 6789137077

Option 3 ID : 6789137080

Option 4 ID : 6789137079

Status : Answered

Chosen Option : 3