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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. πr^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

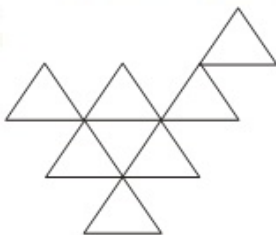
Option 3 ID : 6789137054

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.10 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 1st 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

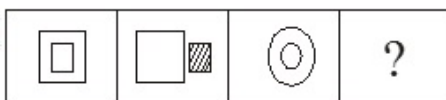
Option 4 ID : 6789137158

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

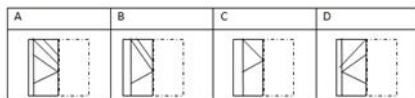
Option 3 ID : 6789136977

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 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 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 _____ 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

Q.2

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 64th 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

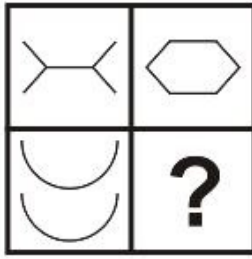
Status : Answered

Chosen Option : 1

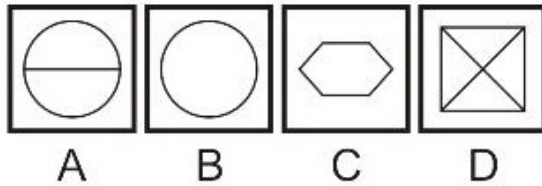
Q.2
7 Who is the author of the book 'Why I am a Hindu' published in 2017?

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

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

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:

- Yes, it disturbs the people and create abuse.
- 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

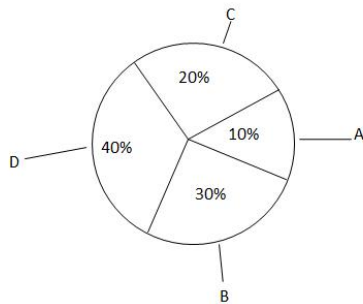
Option 4 ID : 6789136935

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 32nd 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 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 $\frac{1}{8}$ th of the audience of a program Jabardast were children, $\frac{2}{5}$ th of the audience were men and the rest women. 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?

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. 7th
☒ 2. 5th
☒ 3. 6th
☒ 4. 9th

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 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.

2 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 Each question given below consists of a statement, followed by two arguments numbered I & II. You have to decide
3 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

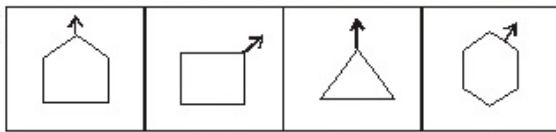
Option 3 ID : 6789137006

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

- 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 9 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 ₹)

- 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

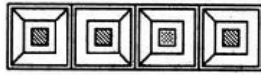
Status : Answered

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 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:

Ans ☒ 1. $12 \times 6 \times 7$

☒ 2. $6 \times 2 \times 7$

☒ 3. $12 \times 7 \times 3$

☒ 4. 72×84

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 _____.

Ans ☒ 1. Solar energy

☒ 2. Heat energy

☒ 3. Nuclear energy

✗ 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 Which of the following is NOT true about vascular system?

4

Ans ✗ 1. Life span of human RBC is 115-120 days.

✗ 2. The vascular system forms about 7-8% of the body weight.

✓ 3. Blood is white or red vascular connective tissue.

✗ 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 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.

5

Ans ✗ 1. 80 km

✓ 2. 120 km

✗ 3. 110 km

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

6

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

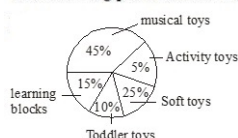
Option 4 ID : 6789137062

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 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 _____ 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

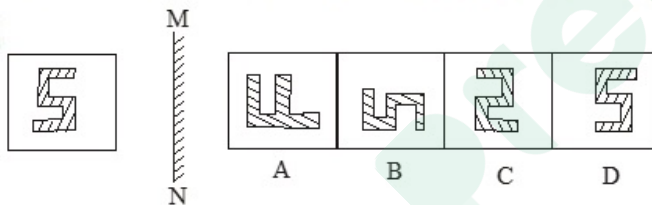
Option 3 ID : 6789136830

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

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

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

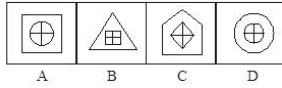
Question ID : 6789131754

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

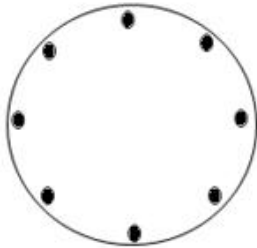
Q.7 If two flood gates A and B function simultaneously, the reservoir will be filled in 6 hours. Gate A fills the reservoir 5 hours faster than gate B. How many hours does the faster flood gate take to fill the reservoir?
4

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

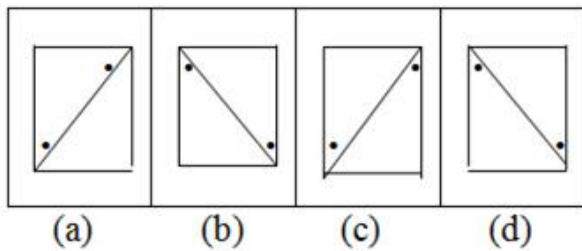
Q.7
5 _____ element is represented by the given symbol.



- 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 ms^{-1}
- ☐ 2. 6 ms^{-1}
- ☒ 3. 3 ms^{-1}
- ☐ 4. 5 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 10th 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 ms^{-1}
 - ☒ 2. 2 ms^{-2}
 - ☐ 3. 2 ms^1
 - ☐ 4. 20 ms^{-2}

Question ID : 6789131758

Option 1 ID : 6789137029

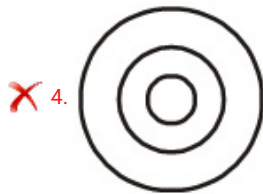
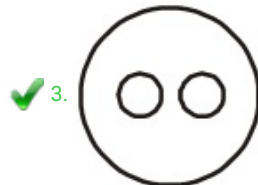
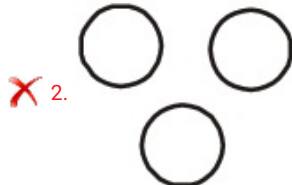
Option 2 ID : 6789137032

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 4 A solution contains 33 g of common salt in 320 g of water. Calculate the concentration in terms of mass, by mass 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 5 You are given a question and two statements. Identify which of the statements is/are necessary/sufficient to answer the 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 6 _____ is the new capital of Andhra Pradesh.

- 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



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