



RRB GROUP - D **SHIFT – 1 (03-10-2018)**

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रेलवे भर्ती बोर्ड

Level-1 Posts CEN-02/2018

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Test Center Name:	ION Digital Zone iDZ Luthergiri
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

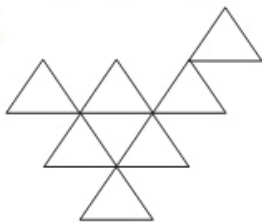
Question ID : 6789131771
Option 1 ID : 6789137082
Option 2 ID : 6789137084
Option 3 ID : 6789137081
Option 4 ID : 6789137083
Status : Answered
Chosen Option : 1

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.1
0 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

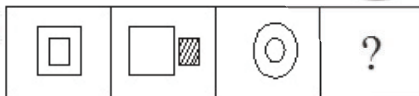
Q.1
5 Who is the Chief Minister of Punjab as of 1st March 2018?

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

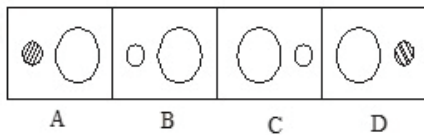
Question ID : 6789131790
Option 1 ID : 6789137159
Option 2 ID : 6789137157
Option 3 ID : 6789137160
Option 4 ID : 6789137158
Status : Answered
Chosen Option : 2

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

Problem figures:



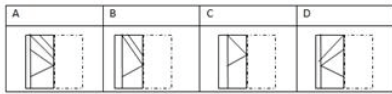
Answer figures:



- 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

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

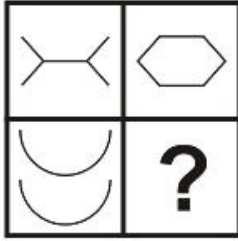
Question ID : 6789131784
Option 1 ID : 6789137133
Option 2 ID : 6789137136
Option 3 ID : 6789137134
Option 4 ID : 6789137135
Status : Answered
Chosen Option : 1

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.



A B C D

- 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

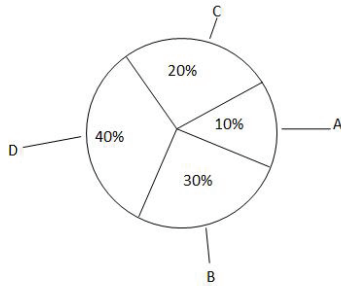
- Ans 1. Neither argument 1 and 2 is strong

- 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 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
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 $\frac{1}{8}$ 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. 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
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.

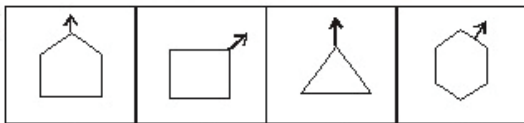
Question ID : 6789131732
Option 1 ID : 6789136926
Option 2 ID : 6789136927
Option 3 ID : 6789136925
Option 4 ID : 6789136928
Status : Answered

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.



- 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 ₹)

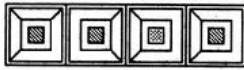
- 9
- Ans 1. ₹ 16,000
2. ₹ 16,790
3. ₹ 16,150
4. ₹ 16,800

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. 72×84

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

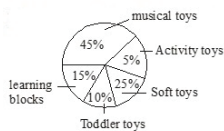
✗ 3. 10 A

✗ 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 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

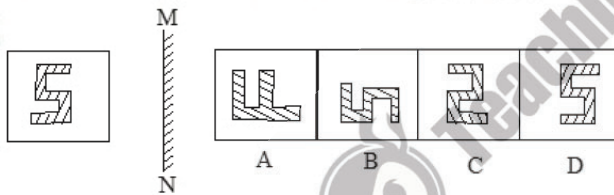
Question ID : 6789131716
 Option 1 ID : 6789136864
 Option 2 ID : 6789136861
 Option 3 ID : 6789136862
 Option 4 ID : 6789136863
 Status : Answered
 Chosen Option : 3

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
 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
8 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
9 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

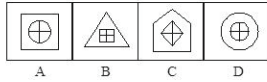
Q.7
0 Anil is facing the East. He then turns 90° clockwise and then 135° anti-clockwise. In which direction is he facing now?

- 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

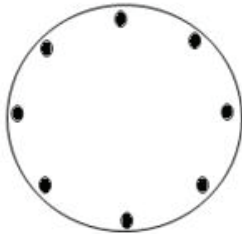
- Ans 1. 7 hrs
 2. 13 hrs

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

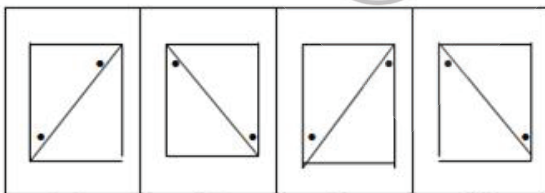
2. Mercury

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.



(a)

(b)

(c)

(d)

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.

- 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?

- 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.

- 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.

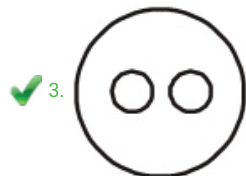
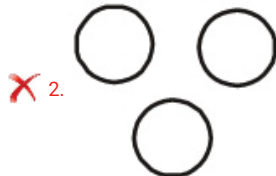
- Ans
- 1. 2 ms^{-1}
 - 2. 2 ms^{-2}
 - 3. 2 ms^1
 - 4. 20 ms^{-2}

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

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

transport vehicle, truck, van

Ans



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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 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 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 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 question.

5

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

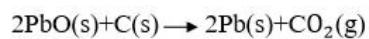
Q.9
9 At what time between 4 o'clock and 5 o'clock will the two hands of the clock be at the right angle to each other for the first time?

- 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



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