



RAILWAY RECRUITMENT BOARDS

रेलवे भर्ती बोर्ड

Level-1 Posts CEN-02/2018

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Test Center Name:	iON Digital Zone iDZ Wadala
Test Date:	28/09/2018
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 An object travels 10 m in 4 s and then another 14 m in 2 s. What is the average speed of the object?

- Ans
- 1. 4.5 ms^{-1}
 - 2. 4 m
 - 3. 4 s^{-1}
 - 4. 4 ms^{-1}

Question ID : 6789131256
Option 1 ID : 6789135024
Option 2 ID : 6789135021
Option 3 ID : 6789135023
Option 4 ID : 6789135022
Status : Answered
Chosen Option : 2

Q.2 The molten material mixed with gases in the mantle of the Earth is called:

- Ans
- 1. Magma
 - 2. Helium
 - 3. Core
 - 4. Lava

Question ID : 6789131265
Option 1 ID : 6789135060
Option 2 ID : 6789135057
Option 3 ID : 6789135058
Option 4 ID : 6789135059
Status : Answered
Chosen Option : 1

Q.3 How many groups and periods are present in the Modern Periodic Table?

- Ans
- 1. 8 groups and 6 periods

2. 18 groups and 9 periods

3. 18 groups and 7 periods

4. 7 groups and 10 periods

Question ID : 6789131274

Option 1 ID : 6789135095

Option 2 ID : 6789135096

Option 3 ID : 6789135094

Option 4 ID : 6789135093

Status : Answered

Chosen Option : 3

Q.4 What is the sum of the reciprocals of the values of zeroes of the polynomial $6x^2 + 3x^2 - 5x + 1$?

Ans 1. 2

2. 3

3. 4

4. 5

Question ID : 6789131222

Option 1 ID : 6789134885

Option 2 ID : 6789134886

Option 3 ID : 6789134887

Option 4 ID : 6789134888

Status : Not Answered

Chosen Option : --

Q.5 Find the odd one out.

A	B	C	D
O15	C3	G7	N15

Ans 1. C

2. B

3. D

4. A

Question ID : 6789131248

Option 1 ID : 6789134991

Option 2 ID : 6789134990

Option 3 ID : 6789134992

Option 4 ID : 6789134989

Status : Answered

Chosen Option : 3

Q.6 What is the valency of copper in cuprous oxide?

Ans 1. 4

2. 3

3. 2

4. 1

Question ID : 6789131261

Option 1 ID : 6789135044

Option 2 ID : 6789135042

Option 3 ID : 6789135041

Option 4 ID : 6789135043

Status : Not Answered

Chosen Option : --

Q.7 315 marbles are distributed among Aman, Ashok and Alok in the ratio 7 : 3 : 5, respectively. How many more marbles did Aman get compared to Ashok?

Ans 1. 84

2. 42

3. 147

4. 63

Question ID : 6789131209

Option 1 ID : 6789134835

Option 2 ID : 6789134833

Option 3 ID : 6789134834

Option 4 ID : 6789134836

Status : Answered

Chosen Option : 1

Q.8 _____ does NOT contain carbonyl group.

Ans 1. Aldehyde

2. Carboxyl acid

3. Ketone

4. Ethanol

Question ID : 6789131273

Option 1 ID : 6789135089

Option 2 ID : 6789135092

Option 3 ID : 6789135090

Option 4 ID : 6789135091

Status : Not Answered

Chosen Option : --

Q.9 One of the two inlet pipes works twice as efficiently as the other. The two, working alongside a drain pipe that can empty a cistern all by itself in 12 hours, can fill the empty cistern in 12 hours. How many hours will the less efficient inlet pipe take to fill the empty cistern by itself?

Ans 1. 9

2. 15

3. 12

4. 18

Question ID : 6789131218

Option 1 ID : 6789134869

Option 2 ID : 6789134871

Option 3 ID : 6789134870
Option 4 ID : 6789134872
Status : Not Answered
Chosen Option : --

Q.1
0 The Battle of Plassey was fought on _____.

- Ans
- 1. 23rd June 1557
 - 2. 23rd June 1657
 - 3. 23rd June 1857
 - 4. 23rd June 1757

Question ID : 6789131294
Option 1 ID : 6789135174
Option 2 ID : 6789135175
Option 3 ID : 6789135176
Option 4 ID : 6789135173
Status : Answered
Chosen Option : 4

Q.1
1 Which assumptions are implied from the below statement?

Statement: "In 10 years, the real impact of unscrupulous use of plastics would be felt," says an ecologist.

Assumptions:

- I. Plastic is non-decomposable
- II. Plastic affects the ecological balance

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

Question ID : 6789131233
Option 1 ID : 6789134930
Option 2 ID : 6789134929
Option 3 ID : 6789134932
Option 4 ID : 6789134931
Status : Answered
Chosen Option : 3

Q.1
2 The point at which all rays converge is termed as ____.

- Ans
- 1. principle axis
 - 2. pole
 - 3. aperture
 - 4. focus

Question ID : 6789131263

Option 1 ID : 6789135051
 Option 2 ID : 6789135050
 Option 3 ID : 6789135052
 Option 4 ID : 6789135049
 Status : Answered
 Chosen Option : 4

Q.1
 3 If E and A are daughters of B and A is married to V, then how is V related to E?

- Ans
- 1. Son-in-law
 - 2. Father-in-law
 - 3. Brother-in-law
 - 4. Mother-in-law

Question ID : 6789131226
 Option 1 ID : 6789134902
 Option 2 ID : 6789134901
 Option 3 ID : 6789134903
 Option 4 ID : 6789134904
 Status : Answered
 Chosen Option : 3

Q.1
 4 Select the option that can replace the question mark (?) in the following series.

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

Question ID : 6789131249
 Option 1 ID : 6789134995
 Option 2 ID : 6789134996
 Option 3 ID : 6789134993

Option 4 ID : 6789134994
Status : Answered
Chosen Option : 2

Q.1
5 $4x^2 + kx + 5$ is divisible by $x + 1$. The same expression is also divisible by:

- Ans
- 1. $4x + 5$
 - 2. $4x - 1$
 - 3. $4x - 5$
 - 4. $x - 5$

Question ID : 6789131221
Option 1 ID : 6789134884
Option 2 ID : 6789134881
Option 3 ID : 6789134883
Option 4 ID : 6789134882
Status : Answered
Chosen Option : 1

Q.1
6 Garima and her sister together can paint the walls of their house in 45 days. If Garima alone did the job, it would have taken her 81 days. If the duo started painting together but Garima's sister had to leave 9 days before the completion of the work, how many days in all would it take the sisters to paint their house?

- Ans
- 1. 49
 - 2. 48
 - 3. 52
 - 4. 50

Question ID : 6789131214
Option 1 ID : 6789134856
Option 2 ID : 6789134854
Option 3 ID : 6789134853
Option 4 ID : 6789134855
Status : Answered
Chosen Option : 1

Q.1
7 _____ has the greatest electron affinity.

- Ans
- 1. Br
 - 2. Cl
 - 3. I
 - 4. F

Question ID : 6789131268
Option 1 ID : 6789135069
Option 2 ID : 6789135071
Option 3 ID : 6789135070
Option 4 ID : 6789135072
Status : Answered
Chosen Option : 4

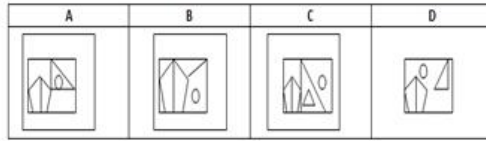
Q.1
8

Which of the answer figures is formed from the shapes given the problem figure?

Problem figure:



Answer figures:



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

Question ID : 6789131253
Option 1 ID : 6789135009
Option 2 ID : 6789135011
Option 3 ID : 6789135010
Option 4 ID : 6789135012
Status : Answered
Chosen Option : 1

Q.1 _____ was the Finance Minister of the Mughal empire during Akbar's reign.

- Ans 1. Birbal
 2. Raja Man Singh I
 3. Tansen
 4. Raja Todar Mal

Question ID : 6789131295
Option 1 ID : 6789135178
Option 2 ID : 6789135180
Option 3 ID : 6789135177
Option 4 ID : 6789135179
Status : Answered
Chosen Option : 4

Q.2 You are given a question and two statements. Identify which of the statements is/are sufficient to answer the question.

Question:

Nayan has 4 caps of 3 different colours. How many blue caps does he have?

Statements:

1. Nayan has 2 white caps.
2. The number of blue caps he has is the same as that of beige caps.

Ans 1. Statement 1 alone is sufficient.

2. Statements 1 and 2 together are sufficient.
3. Statements 1 and 2 together are not sufficient.
4. Statement 2 alone is sufficient.

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

Question ID : 6789131242
Option 1 ID : 6789134965
Option 2 ID : 6789134968
Option 3 ID : 6789134967
Option 4 ID : 6789134966
Status : Answered
Chosen Option : 1

Q.2
1 Read the statement below along with two conclusions.

Statement: Naina asks for pen from Mahi.

Conclusions:

- I. Naina doesn't have a pen
- II. Naina wants to write something

Which conclusion(s) follow(s) the given statement?

- Ans
1. Both the conclusions follow
 2. Conclusion I alone follows
 3. Neither I nor II follows
 4. Conclusion II alone follows

Question ID : 6789131232
Option 1 ID : 6789134927
Option 2 ID : 6789134925
Option 3 ID : 6789134928
Option 4 ID : 6789134926
Status : Answered
Chosen Option : 1

Q.2 _____ is the mobile application launched by the Ministry of Commerce and Industry to aid exporters and importers in
2 the country.

- Ans
1. Nikat Man
 2. Maitree Mitra
 3. Niryat Mitra
 4. Dikhat Mitra

Question ID : 6789131299
Option 1 ID : 6789135193
Option 2 ID : 6789135195
Option 3 ID : 6789135196
Option 4 ID : 6789135194

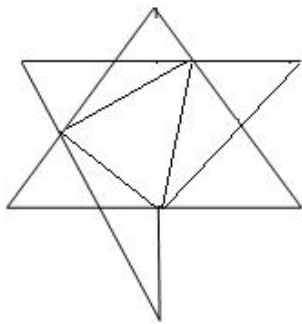
Status : **Answered**
Chosen Option : **3**

Q.2 A year ago Akash's father's age was 9 times that of Akash. After 3 years his father's age will be 5 times that of his age.
3 How old will Akash be next year?

- Ans
- 1. 4 years
 - 2. 5 years
 - 3. 8 years
 - 4. 6 years

Question ID : **6789131217**
Option 1 ID : **6789134867**
Option 2 ID : **6789134865**
Option 3 ID : **6789134868**
Option 4 ID : **6789134866**
Status : **Answered**
Chosen Option : **4**

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



- Ans
- 1. 8
 - 2. 12
 - 3. 11
 - 4. 17

Question ID : **6789131252**
Option 1 ID : **6789135005**
Option 2 ID : **6789135007**
Option 3 ID : **6789135008**
Option 4 ID : **6789135006**
Status : **Answered**
Chosen Option : **4**

Q.2 _____ mutation is NOT hereditary.
5

- Ans
- 1. Deletion
 - 2. Insertion
 - 3. Somatic
 - 4. Duplication

Question ID : 6789131280
 Option 1 ID : 6789135120
 Option 2 ID : 6789135119
 Option 3 ID : 6789135118
 Option 4 ID : 6789135117
 Status : Not Answered
 Chosen Option : --

Q.2
 6 Which of the following is NOT a perfect square?

- Ans 1. 1250
 2. 16641
 3. 2025
 4. 9801

Question ID : 6789131201
 Option 1 ID : 6789134804
 Option 2 ID : 6789134803
 Option 3 ID : 6789134802
 Option 4 ID : 6789134801
 Status : Answered
 Chosen Option : 1

Q.2
 7 Select the option figure that will complete the series of question figures.

Question figures

☺TM ▲ TM☺	TM☺ ▼ ☺TM	☺TM ◀ TM☺	?
-----------------	-----------------	-----------------	---

Option Figures:

A	B	C	D
☺TM ◀ ☺TM	☺TM ▶ TM☺	TM☺ ▶ ☺TM	TM☺ ▶ TM☺

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

Question ID : 6789131245
 Option 1 ID : 6789134978
 Option 2 ID : 6789134979
 Option 3 ID : 6789134977
 Option 4 ID : 6789134980

Status : **Answered**
Chosen Option : 2

Q.2
8 Which Indian has been crowned Miss Teen Universe 2017 at Managua, the capital of Nicaragua?

- Ans
- 1. Neeru Chadha
 - 2. Nisha Dutt
 - 3. Simran Khosla
 - 4. Srishti Kaur

Question ID : 6789131287
Option 1 ID : 6789135148
Option 2 ID : 6789135146
Option 3 ID : 6789135147
Option 4 ID : 6789135145
Status : **Not Answered**
Chosen Option : --

Q.2
9 Voluntary muscles are contained in the ____.

- Ans
- 1. heart
 - 2. hind limb
 - 3. liver
 - 4. lung

Question ID : 6789131276
Option 1 ID : 6789135101
Option 2 ID : 6789135102
Option 3 ID : 6789135103
Option 4 ID : 6789135104
Status : **Not Answered**
Chosen Option : --

Q.3
0 Choose the correct alternative to complete the pattern:

1224364860, 1122334455, 1020304050, _____

- Ans
- 1. 918273642
 - 2. 918273644
 - 3. 918273645
 - 4. 918273643

Question ID : 6789131239
Option 1 ID : 6789134956
Option 2 ID : 6789134954
Option 3 ID : 6789134953
Option 4 ID : 6789134955
Status : **Answered**
Chosen Option : 3

Q.3
1 Which state government launched the 'Gobar-dhan' scheme to support farmers?

Ans

1. Uttar Pradesh
2. Haryana
3. Rajasthan
4. Punjab

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

Question ID : 6789131292
Option 1 ID : 6789135166
Option 2 ID : 6789135167
Option 3 ID : 6789135165
Option 4 ID : 6789135168
Status : Answered
Chosen Option : 2

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

2

Statement:

“Tomorrow morning the hockey team will report by 9.00 am instead of 8:00 am for practise” said the coach.

Assumptions:

- I. That day coach had some other work at 8:00 am.
- II. They usually assemble for practice.

Ans

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

Question ID : 6789131234
Option 1 ID : 6789134933
Option 2 ID : 6789134934
Option 3 ID : 6789134936
Option 4 ID : 6789134935
Status : Answered
Chosen Option : 3

Q.3 Which of the following group produces naked seeds?

3

Ans

1. Angiosperms
2. Bryophyta
3. Thallophyte
4. Gymnosperms

Question ID : 6789131277
Option 1 ID : 6789135108
Option 2 ID : 6789135106
Option 3 ID : 6789135105
Option 4 ID : 6789135107
Status : Answered

Q.3
4 Find the next term in the following series:

31, 38, 44, 51, _____.

- Ans
- 1. 58
 - 2. 57
 - 3. 51
 - 4. 55

Question ID : 6789131236

Option 1 ID : 6789134944

Option 2 ID : 6789134943

Option 3 ID : 6789134941

Option 4 ID : 6789134942

Status : Answered

Chosen Option : 2

Q.3
5 The ratio of the area of a square to the area of a regular hexagon, having the same perimeter is:

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

Question ID : 6789131220

Option 1 ID : 6789134879

Option 2 ID : 6789134877

Option 3 ID : 6789134878

Option 4 ID : 6789134880

Status : Answered

Chosen Option : 1

Q.3
6 $\frac{3}{12}$ of $\frac{(\frac{2}{5} + \frac{4}{15})}{(\frac{2}{5} - \frac{2}{5})} = ?$

- Ans
- 1. $\frac{5}{7}$
 - 2. $\frac{5}{6}$
 - 3. $\frac{6}{5}$
 - 4. $\frac{2}{6}$

Question ID : 6789131203

Option 1 ID : 6789134810

Option 2 ID : 6789134809

Option 3 ID : 6789134811

Option 4 ID : 6789134812
Status : Answered
Chosen Option : 2

Q.3
7 What is the next term in this series?

L, D, O, E, R, F, ?

- Ans
- 1. K
 - 2. S
 - 3. U
 - 4. Q

Question ID : 6789131238
Option 1 ID : 6789134951
Option 2 ID : 6789134950
Option 3 ID : 6789134952
Option 4 ID : 6789134949
Status : Answered
Chosen Option : 3

Q.3
8 The Electoral College who elects the President of India is formed by:

- Ans
- 1. Head of the Parliament
 - 2. Governor
 - 3. Former President
 - 4.

Elected members of the Parliament and the State Legislative Assemblies

Question ID : 6789131290
Option 1 ID : 6789135157
Option 2 ID : 6789135160
Option 3 ID : 6789135159
Option 4 ID : 6789135158
Status : Answered
Chosen Option : 4

Q.3
9 An element of atomic number 16 will belong to the _____ period of the periodic table.

- Ans
- 1. 5th
 - 2. 6th
 - 3. 3rd
 - 4. 4th

Question ID : 6789131267
Option 1 ID : 6789135067
Option 2 ID : 6789135068
Option 3 ID : 6789135065
Option 4 ID : 6789135066
Status : Answered
Chosen Option : 3

Q.4 An electric bulb of 100 W is used 8 hours per day. The energy consumed by the bulb in one day is ____ units.

0

- Ans
- 1. 800
 - 2. 80
 - 3. 8
 - 4. 0.8

Question ID : 6789131259
Option 1 ID : 6789135033
Option 2 ID : 6789135034
Option 3 ID : 6789135035
Option 4 ID : 6789135036
Status : Answered
Chosen Option : 4

Q.4 As of February 2018, who was the spokesperson of the Indian Navy?

1

- Ans
- 1. Captain D. K. Sharma
 - 2. Admiral Suresh Bhatt
 - 3. Captain M.K. Sharma
 - 4. Pranab Mukherjee

Question ID : 6789131288
Option 1 ID : 6789135150
Option 2 ID : 6789135151
Option 3 ID : 6789135149
Option 4 ID : 6789135152
Status : Not Answered
Chosen Option : --

Q.4 Pipe C and D alone can fill a tank in 4 and 5 hours, respectively. If pipe C is closed after 3 hours and at the same time pipe D is opened, in how many hours will the tank get filled?

2

- Ans
- 1. 0.8
 - 2. 1.25
 - 3. 1
 - 4. 1.5

Question ID : 6789131219
Option 1 ID : 6789134874
Option 2 ID : 6789134875
Option 3 ID : 6789134873
Option 4 ID : 6789134876
Status : Answered
Chosen Option : 2

Q.4 $\{52 - (9 - 2)\} \div [3 \times \{1 + (-2) \times (-2)\}] = ?$





3

- Ans
- 1. 3
 - 2. -9
 - 3. 9

 4. -5

Question ID : 6789131207
Option 1 ID : 6789134825
Option 2 ID : 6789134826
Option 3 ID : 6789134828
Option 4 ID : 6789134827
Status : Answered
Chosen Option : 1

Q.4 Nikhil meets a boy at the park. The boy identifies Nikhil as his father's younger brother. Nikhil is the boy's _____.

- 4
Ans  1. father
 2. maternal uncle
 3. cousin
 4. paternal uncle





Question ID : 6789131230
Option 1 ID : 6789134917
Option 2 ID : 6789134918
Option 3 ID : 6789134920
Option 4 ID : 6789134919
Status : Answered
Chosen Option : 4

Q.4 Football was officially included as a competitive game in Olympics in:

- 5
Ans  1. 1908
 2. 1924
 3. 1916
 4. 1900

Question ID : 6789131281
Option 1 ID : 6789135124
Option 2 ID : 6789135122
Option 3 ID : 6789135123
Option 4 ID : 6789135121
Status : Not Answered
Chosen Option : --

Q.4 What is the area of a triangle whose vertices are A(-4, -2), B(-3, -5) and C(3, -2)?

- 6
Ans  1. 12 sq units
 2. 10 sq units
 3. 7.5 sq units
 4. 10.5 sq units

Question ID : 6789131225
Option 1 ID : 6789134900
Option 2 ID : 6789134899
Option 3 ID : 6789134897
Option 4 ID : 6789134898

Status : **Answered**
Chosen Option : **3**

Q.4 A and B can do a piece of work together in 15 days while A alone can do it in 25 days. They start working together but
7 B leaves 5 days before the completion of the work. For how many days did A and B work together?

- Ans**
1. **10**
 2. **13**
 3. **9**
 4. **11**

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

Question ID : **6789131215**
Option 1 ID : **6789134858**
Option 2 ID : **6789134860**
Option 3 ID : **6789134857**
Option 4 ID : **6789134859**
Status : **Not Answered**
Chosen Option : **--**

Q.4 The Second Equation of Motion gives the relationship between _____ and Time.
8

- Ans**
1. Acceleration
 2. Position
 3. Momentum
 4. Velocity

Question ID : **6789131260**
Option 1 ID : **6789135039**
Option 2 ID : **6789135038**
Option 3 ID : **6789135040**
Option 4 ID : **6789135037**
Status : **Answered**
Chosen Option : **3**

Q.4 If two charged bodies having equal potential are connected through a conducting wire, then:
9

- Ans**
1. magnetic induction flows
 2. current flows from positive to negative
 3. current will not flow
 4. current will flow from negative to positive

Question ID : **6789131266**
Option 1 ID : **6789135061**
Option 2 ID : **6789135064**
Option 3 ID : **6789135063**
Option 4 ID : **6789135062**
Status : **Not Answered**
Chosen Option : **--**

Q.5 Who among the following won the 'ITA Sterling Icon of Indian Entertainment' award at the 17th edition of the Indian
0 Television Academy Awards held in November 2017?

- Ans 1. Jitendra
 2. Ekta Kapoor
 3. Siddharth Roy Kapur
 4. Shobha Kapoor

Question ID : 6789131285
Option 1 ID : 6789135137
Option 2 ID : 6789135140
Option 3 ID : 6789135139
Option 4 ID : 6789135138
Status : Answered
Chosen Option : 2

Q.5 V is the daughter of MX and N is the daughter of NX. MX and NX have the same father. V and N are:
1

- Ans 1. Sister-in-law
 2. Cousins
 3. Paternal Aunt
 4. Maternal Aunt

Question ID : 6789131227
Option 1 ID : 6789134908
Option 2 ID : 6789134907
Option 3 ID : 6789134905
Option 4 ID : 6789134906
Status : Answered
Chosen Option : 2

Q.5 What is the horizontal mirror image of HAY?
2

HAY	YAH	HAY	HAY
A	B	C	D

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

Question ID : 6789131255
Option 1 ID : 6789135017
Option 2 ID : 6789135018
Option 3 ID : 6789135020
Option 4 ID : 6789135019
Status : Answered
Chosen Option : 2

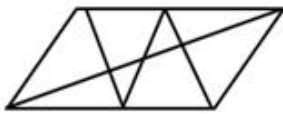
Q.5 The Rajiv Gandhi Khel Ratna Awardee receives a cash price of rupees:
3

- Ans 1. 7.5 lakh

- 2. 7 lakh
- 3. 25 lakh
- 4. 10 lakh

Question ID : 6789131282
Option 1 ID : 6789135126
Option 2 ID : 6789135125
Option 3 ID : 6789135128
Option 4 ID : 6789135127
Status : Not Answered
Chosen Option : --

Q.5
4 How many triangles are there in the below figure?



- Ans 1. 6
2. 12
3. 10
4. 8

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

Question ID : 6789131251
Option 1 ID : 6789135004
Option 2 ID : 6789135002
Option 3 ID : 6789135001
Option 4 ID : 6789135003
Status : Answered
Chosen Option : 2

Q.5
5 "A table, a chair, a bowl of fruit and a violin: what else does a man need to be happy?" is said by:

- Ans 1. Albert Einstein
 2. Alexander Graham bell
 3. Sir Isac Newton
 4. Alan Turing

Question ID : 6789131284
Option 1 ID : 6789135134
Option 2 ID : 6789135136
Option 3 ID : 6789135133
Option 4 ID : 6789135135
Status : Not Answered
Chosen Option : --

Q.5
6 Compressions and rarefactions are due to variability of:

- Ans
- 1. magnetic difference
 - 2. ray refraction
 - 3. air pressure
 - 4. temperature difference

Question ID : 6789131264
Option 1 ID : 6789135054
Option 2 ID : 6789135053
Option 3 ID : 6789135056
Option 4 ID : 6789135055
Status : Answered
Chosen Option : 4

Q.5 Tarun and Tapan started a partnership with investments of ₹
7 13,000 and ₹ 19,500 respectively, however due to a financial emergency Tapan had to withdraw his investment after 8 months. In what ratio should the profit of the first 12 months be shared among the duo?

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

Question ID : 6789131210
Option 1 ID : 6789134840
Option 2 ID : 6789134839
Option 3 ID : 6789134837
Option 4 ID : 6789134838
Status : Answered
Chosen Option : 2

Q.5 India is the _____ most populated country in the world.
8

- Ans
- 1. fourth
 - 2. first
 - 3. third
 - 4. second

Question ID : 6789131297
Option 1 ID : 6789135188
Option 2 ID : 6789135186
Option 3 ID : 6789135185
Option 4 ID : 6789135187
Status : Answered
Chosen Option : 4

Q.5 What is the formula of average velocity?
9

- Ans
- 1. $V_{av} = u - v/2$
 - 2. $V_{av} = u + v/2$
 - 3. $V_{av} = u + v$

4. $V = s/t$

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

Question ID : 6789131258
Option 1 ID : 6789135032
Option 2 ID : 6789135029
Option 3 ID : 6789135031
Option 4 ID : 6789135030
Status : Answered
Chosen Option : 4

Q.6
0 The volume of sales in a store is recorded for four different quarters. The following is the data.

Quarters	Volume of sales
Quarter 1	200
Quarter 2	100
Quarter 3	350
Quarter 4	550

What are the average sales per quarter?

- Ans
- 1. 250
 - 2. 300
 - 3. 350
 - 4. 500

Question ID : 6789131240
Option 1 ID : 6789134959
Option 2 ID : 6789134958
Option 3 ID : 6789134960
Option 4 ID : 6789134957
Status : Answered
Chosen Option : 2

Q.6
1 Which of the following does NOT belong to the given group?

- A. Tunnel
- B. Bunker
- C. Well
- D. Building

- Ans
- 1. B

2. D

3. A

4. C

Question ID : 6789131244

Option 1 ID : 6789134974

Option 2 ID : 6789134976

Option 3 ID : 6789134973

Option 4 ID : 6789134975

Status : Answered

Chosen Option : 3

Q.6
2 Jayant introduces a man to his friend as his wife's father's son. The man is Jayant's _____.

Ans 1. brother-in-law

2. sister-in-law

3. father-in-law

4. daughter-in-law

Question ID : 6789131228

Option 1 ID : 6789134910

Option 2 ID : 6789134911

Option 3 ID : 6789134909

Option 4 ID : 6789134912

Status : Answered

Chosen Option : 1

Q.6
3 The filtration units in the human kidney are known as _____.

Ans 1. nephrons

2. protons

3. neurons

4. neutrons

Question ID : 6789131278

Option 1 ID : 6789135112

Option 2 ID : 6789135111

Option 3 ID : 6789135110

Option 4 ID : 6789135109

Status : Answered

Chosen Option : 1

Q.6
4 Two trains, one 153 m long and the other 127 m long, coming from opposite directions crossed each other in 7.2 seconds. The combined speed of the two trains every hour would then be:

Ans 1. 140 km/h

2. 105 km/h

3. 70 km/h

4. 280 km/h

Question ID : 6789131213

Option 1 ID : 6789134850

Option 2 ID : 6789134852
Option 3 ID : 6789134851
Option 4 ID : 6789134849
Status : Answered
Chosen Option : 1

Q.6 If the chromosome number is 46 in a human being, how many chromosomes are present in somatic cells of the human being?

- Ans
- 1. 24
 - 2. 46
 - 3. 23
 - 4. 48

Question ID : 6789131279
Option 1 ID : 6789135115
Option 2 ID : 6789135114
Option 3 ID : 6789135113
Option 4 ID : 6789135116
Status : Answered
Chosen Option : 3

Q.6 A fraction when added to $\frac{7}{3}$ gives 4. The said fraction is:

- Ans
- 1. $1\frac{2}{3}$
 - 2. $-\frac{1}{2}$
 - 3. $\frac{2}{3}$
 - 4. $\frac{11}{2}$

Question ID : 6789131204
Option 1 ID : 6789134815
Option 2 ID : 6789134813
Option 3 ID : 6789134814
Option 4 ID : 6789134816
Status : Answered
Chosen Option : 1

Q.6 $4 + 3 \times 4 + 3 \times 4^2 + 3 \times 4^3 + 3 \times 4^4 + 3 \times 4^5 = ?$

- Ans
- 1. 5×4^5
 - 2. 9×4^4
 - 3. 4^6
 - 4. 10×4^4

Question ID : 6789131208
Option 1 ID : 6789134832
Option 2 ID : 6789134831
Option 3 ID : 6789134829

Option 4 ID : 6789134830
Status : Answered
Chosen Option : 3

Q.6
8 Who is the current (as of July 2018) Governor of Reserve Bank of India (RBI)?

- Ans
- 1. Arvind Subramanian
 - 2. Urjit Patel
 - 3. Amitabh Kant
 - 4. Raghuram Rajan

Question ID : 6789131298
Option 1 ID : 6789135190
Option 2 ID : 6789135189
Option 3 ID : 6789135192
Option 4 ID : 6789135191
Status : Answered
Chosen Option : 2

Q.6
9 Study the following question and statements, and decide which of the statements is/are sufficient to answer the question.

Question:

J, K, L, M, N and O are standing in a row. If we arrange them according to their height from tallest to shortest, who is standing in the third place?

Statements:

- 1. L is the tallest
- 2. J is taller than K
- 3. N is the shortest of all
- 4. K is taller than O

- Ans
- 1. All the statements are insufficient
 - 2. Statements 1, 2 and 3 are sufficient
 - 3. Statements 1, 2, 3 and 4 together are sufficient
 - 4. Statements 1 and 3 are sufficient

Question ID : 6789131243
Option 1 ID : 6789134972
Option 2 ID : 6789134971
Option 3 ID : 6789134970
Option 4 ID : 6789134969
Status : Answered
Chosen Option : 1

Q.7
0 Which of the numbers given below is NOT rational?

- Ans
- 1. $\sqrt[4]{32}$
 - 2. $\sqrt[3]{64}$
 - 3. $\sqrt[5]{32}$
 - 4. $\sqrt[3]{27}$

Question ID : 6789131205
Option 1 ID : 6789134819
Option 2 ID : 6789134818
Option 3 ID : 6789134820
Option 4 ID : 6789134817
Status : Answered
Chosen Option : 1

Q.7
1 _____ is a semiconductor.

- Ans
- 1. Ga
 - 2. Pb
 - 3. Ge
 - 4. Sn

Question ID : 6789131272
Option 1 ID : 6789135088
Option 2 ID : 6789135087
Option 3 ID : 6789135086
Option 4 ID : 6789135085
Status : Answered
Chosen Option : 3

Q.7
2 If $3x^2 + ax + 4$ is perfectly divisible by $x - 8$, then the value of a is:

- Ans
- 1. 24.5
 - 2. -25.5
 - 3. -24.5
 - 4. 25.5

Question ID : 6789131224
Option 1 ID : 6789134896
Option 2 ID : 6789134894
Option 3 ID : 6789134895
Option 4 ID : 6789134893
Status : Answered
Chosen Option : 3

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

3 **Question:**

What is the total age of Nakul and Dwij?

Statements:

1. Nakul is 12 years old today.
2. Dwij is younger to Nakul by 3 years.

- Ans
- 1. Statement 1 and 2 together are insufficient
 - 2. Statements 1 and 2 together are sufficient
 - 3. Statement 1 alone is sufficient
 - 4. Statement 2 alone is sufficient

Question ID : 6789131241
Option 1 ID : 6789134963
Option 2 ID : 6789134964

Q.7
4 Which of the following does NOT belong to this group?

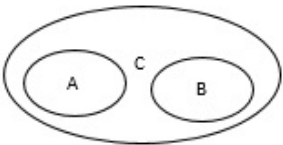
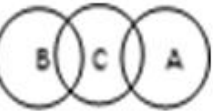
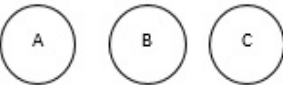

- A. Poetry
- B. Sonnet
- C. Rhyme
- D. Diagram

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

Q.7
5 Which of the following correctly represents the relationship between the given classes?

- A) Spades
- B) Hearts
- C) Deck of cards

Ans

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

Option 1 ID : 6789135000
Option 2 ID : 6789134998
Option 3 ID : 6789134997
Option 4 ID : 6789134999
Status : Answered
Chosen Option : 1

Q.7 The electronic configuration of four elements is given below. Which one among the following will be more electro
6 negative?

- Ans 1. Al(2,8,3)
 2. P(2,8,5)
 3. Cl(2,8,7)
 4. S(2,8,6)

Question ID : 6789131275
Option 1 ID : 6789135097
Option 2 ID : 6789135098
Option 3 ID : 6789135100
Option 4 ID : 6789135099
Status : Not Answered
Chosen Option : --

Q.7 To dispose of the old stocks, a person sold a tea-set for ₹ 3,540, which was 41% below the cost price. In order to make a
7 profit of 11% the seller should have sold the set for _____ more.

- Ans 1. 2664.42
 2. 2460
 3. 1812.60
 4. 3120

Question ID : 6789131212
Option 1 ID : 6789134845
Option 2 ID : 6789134847
Option 3 ID : 6789134846
Option 4 ID : 6789134848
Status : Answered
Chosen Option : 4

Q.7 Which of the following is the official currency of the European Union?
8

- Ans 1. Yen
 2. Dollar
 3. Euro
 4. Pound

Question ID : 6789131293
Option 1 ID : 6789135171
Option 2 ID : 6789135169
Option 3 ID : 6789135170
Option 4 ID : 6789135172
Status : Answered
Chosen Option : 3

Q.7
9 How many of the factors of 512 are perfect squares?

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

Question ID : 6789131206
Option 1 ID : 6789134821
Option 2 ID : 6789134823
Option 3 ID : 6789134824
Option 4 ID : 6789134822
Status : Answered
Chosen Option : 1

Q.8
0 India celebrates its Constitution Day on:

- Ans
- 1. 15th December
 - 2. 26th November
 - 3. 21st August
 - 4. 26th January

Question ID : 6789131291
Option 1 ID : 6789135161
Option 2 ID : 6789135162
Option 3 ID : 6789135163
Option 4 ID : 6789135164
Status : Answered
Chosen Option : 4

Q.8
1 An object has a potential energy of 400 J with a mass of 20 kg and gravity of 10 N kg^{-1} . The height of the object is:

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

Question ID : 6789131262
Option 1 ID : 6789135047
Option 2 ID : 6789135048
Option 3 ID : 6789135046
Option 4 ID : 6789135045
Status : Answered
Chosen Option : 4

Q.8
2 With which sport is B Sai Praneeth associated?

- Ans
- 1. Cricket
 - 2. Kho-Kho
 - 3. Taekwondo

✓ 4. Badminton

Question ID : 6789131283
Option 1 ID : 6789135130
Option 2 ID : 6789135129
Option 3 ID : 6789135132
Option 4 ID : 6789135131
Status : Not Answered
Chosen Option : --

Q.8 In which of the following field Udipi Ramachandra Rao has been awarded 'Padma Vibhushan' by the Government of
3 India in 2017?

- Ans
- ✗ 1. Sports
 - ✓ 2. Science
 - ✗ 3. Literature
 - ✗ 4. Music

Question ID : 6789131286
Option 1 ID : 6789135143
Option 2 ID : 6789135142
Option 3 ID : 6789135144
Option 4 ID : 6789135141
Status : Not Answered
Chosen Option : --

Q.8 Which of the below is NOT a city/ village/ town of Rajasthan?
4

- Ans
- ✗ 1. Tonk
 - ✗ 2. Nagaur
 - ✗ 3. Sikar
 - ✓ 4. Navsari

Question ID : 6789131296
Option 1 ID : 6789135182
Option 2 ID : 6789135183
Option 3 ID : 6789135181
Option 4 ID : 6789135184
Status : Not Answered
Chosen Option : --

Q.8 _____ is not acidic.
5

- Ans
- ✗ 1. SbCl_4
 - ✓ 2. CCl_4
 - ✗ 3. PCl_4
 - ✗ 4. PCl_3

Question ID : 6789131271
Option 1 ID : 6789135083
Option 2 ID : 6789135081
Option 3 ID : 6789135082

Option 4 ID : 6789135084
Status : Not Answered
Chosen Option : --

Q.8 A shopkeeper sold two items, one at 25% profit and another at 15% loss and got a profit of ₹ 35. If the cost price of the
6 item sold at 25% profit is twice than that of the item sold at 15% loss, find the sum of the cost price of both items.

- Ans 1. ₹300
 2. ₹200
 3. ₹100
 4. ₹400

Question ID : 6789131211
Option 1 ID : 6789134843
Option 2 ID : 6789134842
Option 3 ID : 6789134841
Option 4 ID : 6789134844
Status : Answered
Chosen Option : 1

Q.8 What is the next term in the given series?
7

22A, 42E, 62I, ? ____

- Ans 1. 82M
 2. 82N
 3. 82K
 4. 82O

Question ID : 6789131237
Option 1 ID : 6789134946
Option 2 ID : 6789134945
Option 3 ID : 6789134947
Option 4 ID : 6789134948
Status : Answered
Chosen Option : 1

Q.8 An object travels 15 m in 4 s and then another 16 m in 3 s. What is the average speed of the object?
8

- Ans 1. 5.17 ms^{-1}
 2. 4.43 ms^{-1}
 3. 5.00 s^{-1}
 4. 6.17 ms^{-1}

Question ID : 6789131257
Option 1 ID : 6789135026
Option 2 ID : 6789135025
Option 3 ID : 6789135027
Option 4 ID : 6789135028
Status : Answered
Chosen Option : 2

Q.8
9 The law of definite proportions was stated by _____.

- Ans
- 1. Democritus
 - 2. Lavoisier
 - 3. Proust
 - 4. John Dalton

Question ID : 6789131269

Option 1 ID : 6789135073

Option 2 ID : 6789135075

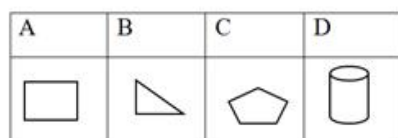
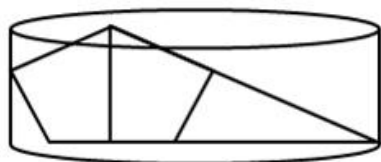
Option 3 ID : 6789135074

Option 4 ID : 6789135076

Status : Not Answered

Chosen Option : --

Q.9
0 Which of the shapes in the options are combined to form the given shape?



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

Question ID : 6789131247

Option 1 ID : 6789134985

Option 2 ID : 6789134986

Option 3 ID : 6789134988

Option 4 ID : 6789134987

Status : Answered

Chosen Option : 2

Q.9
1 The Human Development Index was developed by _____ in 1990

- Ans
- 1. Mahbub Khan
 - 2. Aparna Sen
 - 3. Syed-ul-Haq
 - 4. Mahbub-ul-Haq and Amartya Sen

Question ID : 6789131300

Option 1 ID : 6789135198

Option 2 ID : 6789135197

Option 3 ID : 6789135200
Option 4 ID : 6789135199
Status : Answered
Chosen Option : 4

Q.9
2 If PIG is coded as 1697, then what will be the code for GOAT?

- Ans
- 1. 715122
 - 2. 715120
 - 3. 715123
 - 4. 715121

Question ID : 6789131231
Option 1 ID : 6789134924
Option 2 ID : 6789134921
Option 3 ID : 6789134923
Option 4 ID : 6789134922
Status : Answered
Chosen Option : 2

Q.9
3 By what number should $6\frac{2}{9}$ be multiplied to get 40?

- Ans
- 1. $5\frac{3}{7}$
 - 2. 6
 - 3. $\frac{2}{9}$
 - 4. $6\frac{3}{7}$

Question ID : 6789131202
Option 1 ID : 6789134808
Option 2 ID : 6789134805
Option 3 ID : 6789134806
Option 4 ID : 6789134807
Status : Answered
Chosen Option : 4

Q.9
4 Leela introduces two girls to her friend as the daughters of the only sister of her father. Leela and the girls are _____.

- Ans
- 1. cousins
 - 2. friends
 - 3. nieces
 - 4. twins

Question ID : 6789131229
Option 1 ID : 6789134914
Option 2 ID : 6789134913
Option 3 ID : 6789134916
Option 4 ID : 6789134915
Status : Answered
Chosen Option : 1

Q.9 Murali takes his dog for a walk. He turns left at a cross road and faces South. Towards which direction was he walking before turning left?

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

Question ID : 6789131254
Option 1 ID : 6789135014
Option 2 ID : 6789135015
Option 3 ID : 6789135016
Option 4 ID : 6789135013
Status : Answered
Chosen Option : 3

Q.9 A solution turns blue litmus to red, its pH is likely to be ____.

- Ans
- 1. 9
 - 2. 8
 - 3. 6
 - 4. 7

Question ID : 6789131270
Option 1 ID : 6789135080
Option 2 ID : 6789135078
Option 3 ID : 6789135079
Option 4 ID : 6789135077
Status : Answered
Chosen Option : 2

Q.9 If the standard deviation of 0, 1, 2, 3 _____ 9 is K, then the standard deviation of 10, 11, 12, 13 _____ 19 will be:

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

Question ID : 6789131223
Option 1 ID : 6789134890
Option 2 ID : 6789134889
Option 3 ID : 6789134891
Option 4 ID : 6789134892
Status : Not Answered
Chosen Option : --

Q.9 Who was appointed as the new Director General of Military Operations of the Indian Army in 2018?

- Ans
- 1. Sarath Chand
 - 2. Anil Chauhan
 - 3. Ranbir Singh
 - 4. A. K. Bhatt

Question ID : 6789131289
Option 1 ID : 6789135156
Option 2 ID : 6789135154
Option 3 ID : 6789135155
Option 4 ID : 6789135153
Status : Not Answered
Chosen Option : --

Q.9 Given is a statement followed by two arguments. Decide which of the arguments is/are strong with respect to the statement.

Statement:

There is an increase in mobile usage and cell phone towers.

Arguments:

- I. It shows global development and fast and easy way to get connected with the wider world.
- II. In the long run, there will be more signals that will affect the normal functioning of the ecological systems.

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

Question ID : 6789131235
Option 1 ID : 6789134939
Option 2 ID : 6789134937
Option 3 ID : 6789134940
Option 4 ID : 6789134938
Status : Answered
Chosen Option : 4

Q.1 How many balls, each of radius 1 cm, can be made from a steel sphere whose radius is 6 cm?

- Ans
- 1. 126
 - 2. 27
 - 3. 64
 - 4. 216

Question ID : 6789131216
Option 1 ID : 6789134864
Option 2 ID : 6789134862
Option 3 ID : 6789134863
Option 4 ID : 6789134861
Status : Answered
Chosen Option : 4