Career Railways

Question Paper Preview

Notations :

1.Options shown in green color and with ✔ icon are correct.

2.Options shown in red color and with ✖ icon are incorrect.

Question Paper Name:	RRB Level 1 02nd Nov 2018 Shift3
Subject Name:	Level 1
Duration:	90
Total Marks:	100
Display Marks:	No
Share Answer Key With Delivery Engine:	Yes
Actual Answer Key:	Yes
Calculator:	None
Magnifying Glass Required?:	No
Ruler Required?:	No
Eraser Required?:	No
Scratch Pad Required?:	No
Rough Sketch/Notepad Required?:	No
Protractor Required?:	No
Show Watermark on Console?:	No
Highlighter:	No
Auto Save on Console?:	No

Display Number Panel:	Yes
Group All Questions:	No

Question Number : 1 Question Id : 3026161201 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Solve:

$\sqrt{4225} - \sqrt{1225} + 6 = ?$

Options :

1. ✖ $\sqrt{1290}$

2. ✔ $\sqrt{1296}$

3. ✖ $\sqrt{1320}$

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4. ✖ $\sqrt{1248}$

Question Number : 2 Question Id : 3026161202 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

After taking out $\frac{1}{5}$ of the contents of a purse, $\frac{1}{12}$ of the remainder was found to be ₹ 7.40. What sum did the purse contain at first?

Options :

1. ✔ ₹ 111

2. ✖ ₹ 101

3. ✖ ₹ 109

4. ✖ ₹ 105

Question Number : 3 Question Id : 3026161203 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

In decimal system, $\frac{73}{8}$ may be represented as:

Options :

1. ✔ 9.125

2. ✖ 9.100

3. ✖ 8.125

4. ✖ 9.120

Question Number : 4 Question Id : 3026161204 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Solve the below equation.

5 + 5.55 + 55.5 + 5.05 + 555 + 6.55 = ?

Options :

1. ✔ 632.65

2. ✖ 631.65

3. ✖ 632.55

4. ✖ 631.55

Question Number : 5 Question Id : 3026161205 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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If $\frac{1}{3.718} = 0.2689$, then find value of $\frac{1}{0.0003718}$

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

Options :

1. 268.0

2. 266.9

3. 2589.9

4. 2689.6

Question Number : 6 Question Id : 3026161206 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The product of two numbers is 76800 and their LCM is 960. The HCF of the two numbers is:

Options :

1. ✖ 160

2. ✔ 80

3. ✖ 120

4. ✖ 40

Question Number : 7 Question Id : 3026161207 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

In a school, the number of students in Grades 6, 7 and 8 were 184, 276 and 322 respectively. If every grade was divided in sections and every section had the same number of students, what was the maximum number of students that could be there in each section?

Options :

1. ✖ 23

2. ✖ 69

3. ✔ 46

4. ✖ 92

Question Number : 8 Question Id : 3026161208 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

If $a = 0.250$, then the value of $\sqrt{9a^2 - 6a + 1} + 4a$ is:

Options :

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1. ✔ 1.250

2. ✖ 1.125

3. ✖ 1.225

4. ✖ 1.500

Question Number : 9 Question Id : 3026161209 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Mohinder sold a pair of trousers at a loss of 11%. If he had paid ₹ 300 for the pair, how much did he sell them for?

Options :

1. ✖ ₹ 333

2. ✖ ₹ 289

3. ✔ ₹ 267

4. ✖ ₹ 271

Question Number : 10 Question Id : 3026161210 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

If ₹ 154 is divided in the ratio of 7 : 4, the smaller share will be equal to ₹ ____.

Options :

1. ✖ 98

2. ✔ 56

3. ✖ 44

4. ✖ 88

Question Number : 11 Question Id : 3026161211 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The coordinates of the point that divides the line segment joining the points (– 4, 4) and (4, 0) internally in the ratio 3 : 1 are given by:

Options :

1. ✔ (2, 1)

2. ✖ (0, 4)

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3. ✖ $(-3, 4)$

4. ✖ $(1, 3)$

Question Number : 12 Question Id : 3026161212 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

A trader sells his shirts at 6% below the marked price. He marks his shirts at 15% above the cost. The profit percentage earned by the trader is:

Options :

1. ✖ 9%

2. ✔ 8.1%

3. ✖ 21%

4. ✖ 13.5%

Question Number : 13 Question Id : 3026161213 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Train A leaves station X at 5 a.m. and reaches station Y at 9 a.m. Another train B leaves station Y at 6:30 a.m. and reaches station X at 10 a.m. At what time do the two trains meet?

Options :

1. ✖ 7 a.m.

2. ✖ 7.30 a.m.

3. ✔ 7.40 a.m.

4. ✖ 8 a.m.

Question Number : 14 Question Id : 3026161214 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Jagan cycles to a museum and returns to the starting point by his car. He takes a total of 2 hours 30 minutes for this journey. He would have taken 1 hour 30 minutes less by using the car both ways in this journey. How long would it have taken for him to cycle both ways?

Options :

1. ✖ 4 hours 30 minutes

2. ✔ 4 hours

3. ✖ 3 hours 30 minutes

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4. ✖ 2 hours

Question Number : 15 Question Id : 3026161215 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

A, B and C can complete a task in 8, 9 and 12 days, respectively, working alone. C starts doing the task alone, and after a day, B joins him. 3 days after starting the work, A also joins them. Find the number of days in total in which the task will be completed.

Options :

1. ✖ $3\frac{7}{29}$

2. ✖ $1\frac{6}{23}$

3. ✔ $4\frac{15}{23}$

4. ✖ $3\frac{23}{29}$

Question Number : 16 Question Id : 3026161216 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

18 months ago Dev's age was 2.5 times the age of Rex. 4 months from now Dev will be twice as old as Rex. The sum of their present ages is

Options :

1. ✔ 15 years 10 months

2. ✖ 16 years 2 months

3. ✖ 15 years 8 months

4. ✖ 19 years

Question Number : 17 Question Id : 3026161217 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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

Options :

1. ✖ 55

2. ✖ 45

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3. ✔ 50

4. ✖ 20

Question Number : 18 Question Id : 3026161218 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

A clock takes 9 seconds to strike 6. At the same rate, how long would it take for it to strike 10?

Options :

1. ✖ 6.67 seconds

2. ✖ 10 seconds

3. ✖ 12 seconds

4. ✔ 15 seconds

Question Number : 19 Question Id : 3026161219 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Two pipes can fill a cistern in 10 and 15 hours respectively, while a third pipe can drain the filled cistern completely in 8 hours. If the three pipes are switched on in turns simultaneously, how many hours will it take to fill the empty cistern?

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

Options :

1. 62

2. 71

3. 72

4. 65

Question Number : 20 Question Id : 3026161220 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Two pipes can fill a cistern in 10 and 12 hours respectively, while a third pipe can drain the filled cistern completely in 9 hours. If the three pipes are switched on simultaneously, how many hours will it take to fill the empty cistern?

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

Options :

1. 37.4

2. 41.5

3. 42

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4. 40.5

Question Number : 21 Question Id : 3026161221 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Find the value of $sin\ 12° \times cos\ 18° \times sec\ 78° \times cosec\ 72°$.

Options :

1. ✖ $\sqrt{3}$

2. ✖ $\frac{\sqrt{3}}{3}$

3. ✖ $\frac{1}{2}$

4. ✔ 1

Question Number : 22 Question Id : 3026161222 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

For what value of 'x' will the mean of the following numbers be 12.25?
8, 11, 6, 14, 10, 23, 19, x

Options :

1. ✔ 7

2. ✖ 8

3. ✖ 13

4. ✖ 12

Question Number : 23 Question Id : 3026161223 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

If a, b, c and d are positive integers with $a \times b \times c = 200$, $b \times c \times d = 90$, $c \times d \times a = 54$ and $d \times a \times b = 48$, the value of $a \times b \times c \times d$ is:

Options :

1. ✖ 240

2. ✖ 150

3. ✔ 360

4. ✖ 420

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Question Number : 24 Question Id : 3026161224 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

If $\tan\theta = \frac{4}{3}$, find the value of $\sin\theta + \cos\theta$ (both $\sin\theta$ and $\cos\theta$ are positive).

Options :

1. ✔ $1\frac{2}{5}$

2. ✖ 7

3. ✖ 1

4. ✖ $2\frac{1}{3}$

Question Number : 25 Question Id : 3026161225 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Find the ratio in which the line $4x + y = 13$ divides the line segment joined by the two points (1,6) and (6,1).

Options :

1. ✖ 2 : 5

2. ✖ 2 : 3

3. ✔ 1 : 4

4. ✖ 1 : 3

Question Number : 26 Question Id : 3026161226 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

If 4539454 stands for DECIDED, then decode 8597820.

Options :

1. ✖ HIGHEST

2. ✖ HIGHWAY

3. ✔ HEIGHT

4. ✖ HEIGHER

Question Number : 27 Question Id : 3026161227 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

V is the daughter of K and M. M is the son of V's grandfather? Who is K to V?

Options :

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1. ✖ Niece

2. ✖ Cousin

3. ✖ Sister

4. ✔ Mother

Question Number : 28 Question Id : 3026161228 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

There are six people L, M, N, O, P and Q, in a house. N is the sister of Q. M is the brother of P's husband. O is the father of L and grandfather of Q. There are two fathers, one mother and three brothers in the group.
Who is P's husband?

Options :

1. ✖ N

2. ✔ L

3. ✖ M

4. ✖ O

Question Number : 29 Question Id : 3026161229 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

In a certain code, CLOCK is written as BMNDJ. How will WHEEL be written in that code?

Options :

1. ✖ VIKDJ

2. ✖ IDFVJ

3. ✖ JKVIF

4. ✔ VIDFK

Question Number : 30 Question Id : 3026161230 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Consider the following statements to be true and decide which of the conclusions logically follows from the statements.

Statements:
Off late, it has been noticed that school-going children have become avid as well as more regular viewers of television, resulting in a decline in the readership of newspapers.

Conclusions:
I. A method of increasing the readership of newspapers should be devised.
II. A team of experts should be sent to other countries to study the impact of TV on the readership of newspapers.

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Options :

1. ✖ Only conclusion I follows

2. ✖ Only conclusion II follows

3. ✖ Either conclusion I or II follows

4. ✔ Neither conclusion I nor II follows

Question Number : 31 Question Id : 3026161231 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Find the missing word in the below series:
STAR: ASRT:: MARS: _____

Options :

1. ✖ RSMA

2. ✔ RMSA

3. ✖ SMRA

4. ✖ SARM

Question Number : 32 Question Id : 3026161232 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Read the given statement(s) and conclusion carefully and select which of the options is possible.
Statement:
1. The box has jewellery.
2. The box has gold.
Conclusions:
The box has a diamond necklace and ring.

Options :

1. ✖ True

2. ✖ False

3. ✔ Probably true or false

4. ✖ Definitely false

Question Number : 33 Question Id : 3026161233 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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Read the given statement and courses of action carefully and select which of the following courses of action logically follow(s) from the statement.

Statement:

Many of the young students refuse to join the defence forces due to the lack of an attractive career.

Courses of action:

1. The government should make the defence forces career attractive.
2. Civilian jobs should be cut so that many join defence.

Options :

1. ✔ Only 1 follows.

2. ✖ Only 2 follows.

3. ✖ Both 1 and 2 follow.

4. ✖ Neither 1 nor 2 follows.

Question Number : 34 Question Id : 3026161234 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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

Statement:

"The soup is yummy" Mani told his mother.

Conclusions:

I. Mani's mother had made a soup.

II. Mani liked the soup.

Options :

1. ✖ Conclusion I alone follows.

2. ✔ Conclusion II alone follows.

3. ✖ Both conclusions follow.

4. ✖ Neither I nor II follows.

Question Number : 35 Question Id : 3026161235 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Given below is a statement followed by two assumptions numbered I and II. You have to consider the statement and the following assumptions and decide which of the assumptions is implicit in the statement.

Statement:

I like to repair bikes. I want to become a mechanical engineer.

Assumptions:

I) I am a mechanical engineer.

II) I used to repair bikes.

Options :

1. ✖ Only assumption I is implicit

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2. ✔ Only assumption II is implicit

3. ✖ Both assumptions I and II are implicit

4. ✖ Either assumption I or II is implicit

Question Number : 36 Question Id : 3026161236 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

2, 4, 7, 11, 16, _____, 29…

The missing term in the sequence is:

Options :

1. ✖ 21

2. ✔ 22

3. ✖ 23

4. ✖ 24

Question Number : 37 Question Id : 3026161237 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Solve the below equation:

$$11 \div 3 \times \frac{1}{9} + 5 + 6\left(1 \div \frac{1}{6}\right) =$$

Options :

1. ✔ $\frac{1118}{27}$

2. ✖ $\frac{118}{27}$

3. ✖ $\frac{18}{27}$

4. ✖ $\frac{1181}{27}$

Question Number : 38 Question Id : 3026161238 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Find the next term in the given series.

26, 30, 36, 44, __

Options :

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1. ✖ 56

2. ✖ 58

3. ✖ 50

4. ✔ 54

Question Number : 39 Question Id : 3026161239 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Two groups of women and men signed a work. Group A with 4 men and 6 women can complete the work in 8 days; while group B with 3 men and 7 women can complete the same work in 10 days. In how many days will 10 women complete the same work?

Options :

1. ✖ 35

2. ✔ 40

3. ✖ 45

4. ✖ 50

Question Number : 40 Question Id : 3026161240 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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

Question:
Four sticks, L, R, P and T, are arranged according to descending order of their heights and labelled 1 to 4. Which stick is placed in the second position?

Statements:
1. T is longer than L and L is longer than P and R.
2. L is a wooden stick and all others are plastic ones.

Options :

1. ✔ Statement 1 alone is sufficient.

2. ✖ Statements 1 and 2 together are sufficient.

3. ✖ Statement 2 alone is sufficient.

4. ✖ Statements 1 and 2 together are insufficient.

Question Number : 41 Question Id : 3026161241 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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

Question:
What is the code for 'Let'?

Statements:
1. 'Let's hear him' is coded as 'La's hyh im'.
2. 'Let us go' is coded as 'La e ge'.

Options :

1. ✔ Statements 1 and 2 together are sufficient.

2. ✖ Statement 1 alone is sufficient.

3. ✖ Statement 2 alone is sufficient.

4. ✖ Neither statement 1 nor 2 is sufficient.

Question Number : 42 Question Id : 3026161242 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Nathan's yearly income is ₹ 15,00,000 and each month he pays an EMI of ₹ 40,000 for his vehicle. What percentage of his monthly salary goes towards the EMI?

Options :

1. ✖ 24%

2. ✔ 32%

3. ✖ 28%

4. ✖ 20%

Question Number : 43 Question Id : 3026161243 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

You are given a question and two statements. Identify which of the statements is/are sufficient to answer the question.
Question:
Find the total number of chairs in a room.
Statement:
1) The room has chairs equal to double the number of stools.
2) There are 12 stools in the room.

Options :

1. ✖ Only 1 is sufficient

2. ✖ Only 2 is sufficient

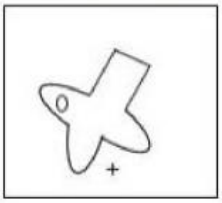
3. ✖ Either 1 or 2 is sufficient

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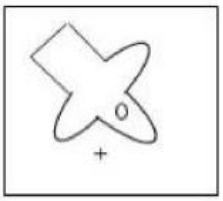
4. ✔ Both 1 and 2 are sufficient

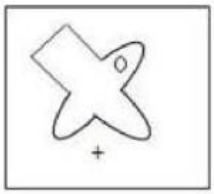
Question Number : 44 Question Id : 3026161244 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

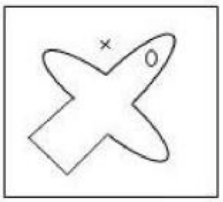
Find the mirror image of the following figure.

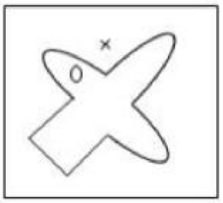


Options :

1. ✖ 

2. ✔ 

3. ✖ 

4. ✖ 

Question Number : 45 Question Id : 3026161245 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Pavani and Rajitha were walking in the opposite direction. If Pavani was walking towards the north-west, then in which direction was Rajitha walking towards?

Options :

1. ✔ South-east

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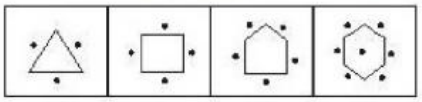
2. ✖ South-west

3. ✖ North-east

4. ✖ North-west

Question Number : 46 Question Id : 3026161246 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Out of the four given figures, three are similar in a certain manner. However, one figure is NOT like the other three.



Select the figure which is different from the rest.

Options :

1. ✖ A

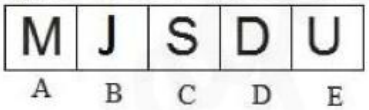
2. ✖ B

3. ✖ C

4. ✔ D

Question Number : 47 Question Id : 3026161247 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Choose the figure which is different from the others.



Options :

1. ✖ A

2. ✖ B

3. ✖ C

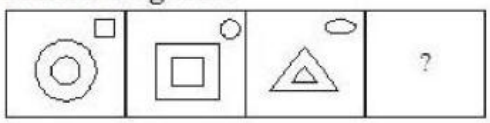
4. ✔ E

Question Number : 48 Question Id : 3026161248 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

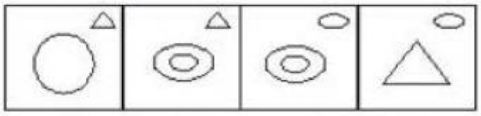
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Find the next figure in the given series.

Problem figures:



Answer figures:



Options :

1. ✖ A

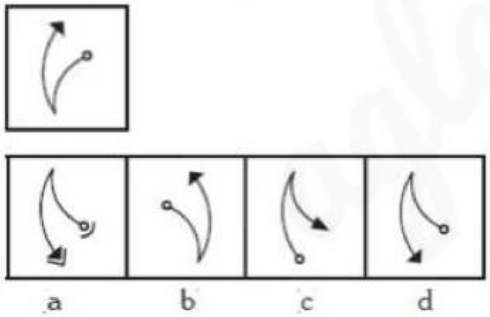
2. ✔ B

3. ✖ C

4. ✖ D

Question Number : 49 Question Id : 3026161249 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Select the water image of the given figure.



Options :

1. ✖ a

2. ✖ b

3. ✖ c

4. ✔ d

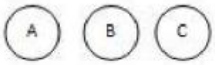
Question Number : 50 Question Id : 3026161250 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

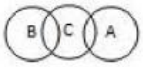
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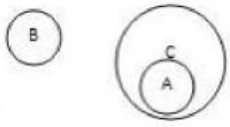
Which of the following correctly represents the relationship between?

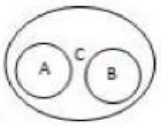
A) Tiger
B) Fox
C) Animals

Options :

1. ✖ 

2. ✖ 

3. ✖ 

4. ✔ 

Question Number : 51 Question Id : 3026161251 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

How many triangles are there in the given figure?



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

Options :

1. 10

2. 14

3. 8

4. 6

Question Number : 52 Question Id : 3026161252 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

In a group of girls, 22 play tennis, 20 play badminton and 10 play cricket. 5 play all the three games. 8 play at least two of the games. How many play exactly one game?

Options :

1. ✖ 38

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2. ✔ 31

3. ✖ 45

4. ✖ 40

Question Number : 53 Question Id : 3026161253 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Sudha and Radha were playing chess in the standard chess seating arrangement. Sudha notices that the hours hand at 6 pm in her watch was pointing towards the north-east. Then what would be the direction of the hours hand in Radha's watch?

Options :

1. ✖ South

2. ✖ West

3. ✔ South-west

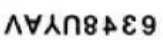
4. ✖ North-west

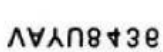
Question Number : 54 Question Id : 3026161254 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

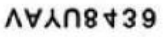
Choose the correct water image of the given figure.

VAYU8436

Options :

1. ✖ 

2. ✔ 

3. ✖ 

4. ✖ 

Question Number : 55 Question Id : 3026161255 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Sachin and Anjali were talking to each other face to face in the evening. If Anjali's shadow was exactly to the left of Sachin, which direction was Sachin facing?

Options :

1. ✖ East

2. ✖ West

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3. ✖ North

4. ✔ South

Question Number : 56 Question Id : 3026161256 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

If we increase the area for a given force, we spread it out causing pressure (force per unit area) to:

Options :

1. ✖ Become larger

2. ✔ Become smaller

3. ✖ Remain unchanged

4. ✖ Become zero

Question Number : 57 Question Id : 3026161257 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

If force (F) and acceleration (a) are given, then the formula to find mass (m) of the object is _____ .

Options :

1. ✖ a/F

2. ✔ F/a

3. ✖ F - a

4. ✖ F X a

Question Number : 58 Question Id : 3026161258 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which of the below is not the equation of uniform accelerated motion?

Options :

1. ✖ $V^2 - u^2 = 2as$

2. ✔ $v - u = a + t$

3. ✖ $S = ut + \frac{1}{2}at^2$

4. ✖ $V = u + at$

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Question Number : 59 Question Id : 3026161259 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which of the following examples illustrates Newton's third law of motion?

Options :

1. ✖ When a bus starts suddenly, the passengers receive a backward jerk.

2. ✖ While catching a fast moving cricket ball, the fielder gradually pulls his hand backwards with the moving ball.

3. ✔ Launching of a rocket.

4. ✖ When we stop pedalling, the bicycle begins to slow down.

Question Number : 60 Question Id : 3026161260 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

5 kW =_____ Watts

Options :

1. ✖ 50

2. ✖ 500

3. ✔ 5000

4. ✖ 50000

Question Number : 61 Question Id : 3026161261 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

An electric bulb of 60 W is used for 6 h per day. Calculate the 'units' of energy consumed in one day by the bulb.

Options :

1. ✖ 3.6 units

2. ✔ 0.36 units

3. ✖ 36 units

4. ✖ 0.036 units

Question Number : 62 Question Id : 3026161262 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which one of the following is the commercial unit of energy?

Options :

1. ✖ kWm

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2. ✖ Whm

3. ✔ kWh

4. ✖ khm

Question Number : 63 Question Id : 3026161263 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Sound waves in air are _____.

Options :

1. ✖ transverse

2. ✔ longitudinal

3. ✖ lengthy

4. ✖ amplified

Question Number : 64 Question Id : 3026161264 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which of the following metals is a better conductor of electricity?

Options :

1. ✖ Tungsten

2. ✖ Aluminium

3. ✖ Copper

4. ✔ Silver

Question Number : 65 Question Id : 3026161265 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

A proton possesses a positive charge of :

Options :

1. ✖ $1.6 \times 10^{-18} C$

2. ✔ $1.6 \times 10^{-19} C$

3. ✖ $1.6 \times 10^{+18} C$

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4. ✖ $1.6 \times 10^{+19}C$

Question Number : 66 Question Id : 3026161266 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

A 9 Ω resistance wire is doubled on it. Calculate the new resistance of the wire.

Options :

1. ✔ 2.25 Ω

2. ✖ 1.00 Ω

3. ✖ 1.25 Ω

4. ✖ 1.5 Ω

Question Number : 67 Question Id : 3026161267 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Dalton's law of partial pressures is applicable to which one of the following systems?

Options :

1. ✔ $CO + H_2$

2. ✖ $H_2 + Cl_2$

3. ✖ $NO + O_2$

4. ✖ $NH_3 + HCl$

Question Number : 68 Question Id : 3026161268 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The formula of calcium hydroxide is _____.

Options :

1. ✖ CaOH

2. ✔ $Ca(OH)_2$

3. ✖ Ca_2OH

4. ✖ $Ca(OH)_3$

Question Number : 69 Question Id : 3026161269 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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Solids, liquids and gases diffuse into liquids. Which of these is true about diffusion?

Options :

1. ✖ The rate of diffusion in solids is higher than that of liquids or gases.

2. ✔ The rate of diffusion in gases is higher than that of liquids or solids.

3. ✖ The rate of diffusion in liquids is higher than that of solids or gases.

4. ✖ The rate of diffusion in gases is lower than that of liquids or solids.

Question Number : 70 Question Id : 3026161270 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The chemical formula of hydrated Copper Sulphate is:

Options :

1. ✖ $CuSO_4$

2. ✖ $CuSO_4.2H_2O$

3. ✔ $CuSO_4.5H_2O$

4. ✖ $CuSO_4.7H_2O$

Question Number : 71 Question Id : 3026161271 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which of the following statements is/are true/false?

A. An acid which is completely ionized into ions and produces large number of H^+ ions. For example HCl, H_2SO_4, HNO_3

B. An acid which is partially ionized in water and produces less number of H^- ions. Form example $CH_3COOH, H_2CO_3, H_2SO_3$.

Options :

1. ✖ Only A is true

2. ✖ Only B is true

3. ✔ Both A and B are true

4. ✖ Both A and B are false

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Question Number : 72 Question Id : 3026161272 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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

Options :

1. ✖ Argon

2. ✖ Sodium

3. ✖ Magnesium

4. ✔ Aluminium

Question Number : 73 Question Id : 3026161273 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The group which is water repelling is called:

Options :

1. ✔ Hydrophobic

2. ✖ Hydrophilic

3. ✖ Micelles

4. ✖ Denatured alcohol

Question Number : 74 Question Id : 3026161274 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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

Options :

1. ✖ Helium

2. ✔ Hydrogen

3. ✖ Carbon

4. ✖ Neon

Question Number : 75 Question Id : 3026161275 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

There are _____ metalloids in the modern periodic table.

Options :

1. ✖ 4

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2. ✖ 5

3. ✖ 6

4. ✔ 7

Question Number : 76 Question Id : 3026161276 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Match the following.

(1) Skin	A) Adipose tissue
(2) Cartilage	B) Stratified squamous epithelium
(3) Skeletal muscles	C) Striated muscles
(4) Subcutaneous layer	D) Surface of joints

Options :

1. ✖ 1-A, 2-B, 3-C, 4-D

2. ✔ 1-B, 2-D, 3-C, 4-A

3. ✖ 1-D, 2-C, 3-B, 4-1

4. ✖ 1-B, 2-D, 3-A, 4-C

Question Number : 77 Question Id : 3026161277 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

_____ connects bones.

Options :

1. ✖ Areolar

2. ✔ Ligament

3. ✖ Tendon

4. ✖ Cartilage

Question Number : 78 Question Id : 3026161278 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which of the following hormones makes the heart beat faster in order to supply more oxygen to our muscles?

Options :

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1. ✖ Thyroxin

2. ✔ Adrenaline

3. ✖ Insulin

4. ✖ Animal hormone

Question Number : 79 Question Id : 3026161279 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which of the following is NOT a characteristic of Vertebrata?

Options :

1. ✖ They have notochord at some stage of life.

2. ✖ They are triploblastic.

3. ✖ They are coelomate.

4. ✔ They are asymmetrical.

Question Number : 80 Question Id : 3026161280 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The secretion from the prostate gland enters into the:

Options :

1. ✖ Ureter

2. ✔ Urethra

3. ✖ Kidney

4. ✖ Testis

Question Number : 81 Question Id : 3026161281 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

_____was the 2017 Arjuna Award winner in the category of Archery.

Options :

1. ✔ VJ Surekha

2. ✖ Debendro Singh

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3. ✖ SV Sunil

4. ✖ Jasvir Singh

Question Number : 82 Question Id : 3026161282 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The word "Agricultural Shot" is associated with which sport?

Options :

1. ✖ Hockey

2. ✖ Football

3. ✖ Squash

4. ✔ Cricket

Question Number : 83 Question Id : 3026161283 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Who was the winner of 2014 FIFA World Cup?

Options :

1. ✔ Germany

2. ✖ France

3. ✖ Brazil

4. ✖ Argentina

Question Number : 84 Question Id : 3026161284 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Who painted the famous portrait of The Last Supper?

Options :

1. ✖ Monet

2. ✖ Michelangelo

3. ✔ Leonardo Da Vinci

4. ✖ Mozzart

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Question Number : 85 Question Id : 3026161285 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which of the following is a 2017 Hindi/English Indian socio-political documentary about the rise of anti-corruption protests in India, and the formation and rise to power of the Aam Aadmi Party?

Options :

1. ✔ An Insignificant Man

2. ✖ India in a Day

3. ✖ My Hero Brother

4. ✖ Ordinary Heroes

Question Number : 86 Question Id : 3026161286 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which of the following films was selected as the 'Best Film on Social Issues' at the 64^{th} National Film Awards?

Options :

1. ✖ Ventilator

2. ✖ Pulimurugan

3. ✖ Rustom

4. ✔ Pink

Question Number : 87 Question Id : 3026161287 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which Indian Anti-Hunger activist was honoured with the 2017 Queen's Young Leader award?

Options :

1. ✖ Priti Patel

2. ✖ Jaggi Vasudev

3. ✔ Ankit Kawatra

4. ✖ Madhu Chitkara

Question Number : 88 Question Id : 3026161288 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Who among the following was bestowed with the 10^{th} edition of the Clinton Global Citizen Award-2016 for leadership in business and philanthropy?

Options :

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1. ✔ Adi Godrej

2. ✖ Mukesh Ambani

3. ✖ Rahul Bajaj

4. ✖ Azim Premji

Question Number : 89 Question Id : 3026161289 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Who started the 'Bachpan Bachao Andolan' campaign for which s/he received the Nobel peace prize?

Options :

1. ✖ Medha Patkar

2. ✔ Kailash Satyarthi

3. ✖ Jaggi Vasudev

4. ✖ Malala Yousafzai

Question Number : 90 Question Id : 3026161290 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

As of 2018, who is the president and founder of the Nationalist Congress Party in India?

Options :

1. ✖ Suravaram Sudhakar Reddy

2. ✖ Amit Shah

3. ✖ Sitaram Yechury

4. ✔ Sharad Pawar

Question Number : 91 Question Id : 3026161291 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

As of 2018, Uddhav Thackeray is the incumbent president of which Hindu nationalist party of India?

Options :

1. ✔ Shiv Sena

2. ✖ Brahmo Samaj

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3. ✖ Arya Samaj

4. ✖ Anushilan Samiti

Question Number : 92 Question Id : 3026161292 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

According to the Public Affairs Index 2018, which is the best-governed state in India?

Options :

1. ✖ Bihar

2. ✔ Kerala

3. ✖ Madhya Pradesh

4. ✖ Uttar Pradesh

Question Number : 93 Question Id : 3026161293 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The Union Health Ministry recently announced the launch of a medical monitoring scheme called LaQshya. The scheme is focused on improving which aspect of healthcare?

Options :

1. ✖ Paediatric care

2. ✔ Maternity and labour room care

3. ✖ Geriatric care

4. ✖ Cancer care

Question Number : 94 Question Id : 3026161294 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

In 1791, Jonathan Duncan, the East India Company's resident, started a _____ college for the study of Hindu law and philosophy.

Options :

1. ✔ Sanskrit

2. ✖ Hindi

3. ✖ Tamil

4. ✖ English

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Question Number : 95 Question Id : 3026161295 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

_____ was the Diwan of Travancore, who led a rebellion in 1808 and was publicly hanged.

Options :

1. ✖ Queen Chennamma

2. ✖ Sir Thomas Munro

3. ✔ Velu Thampi

4. ✖ Veera Pandya

Question Number : 96 Question Id : 3026161296 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

There are _____ gold fields in India.

Options :

1. ✖ 1

2. ✖ 2

3. ✖ 4

4. ✔ 3

Question Number : 97 Question Id : 3026161297 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

India is just _____ degrees North of the Equator.

Options :

1. ✖ 10

2. ✔ 8

3. ✖ 6

4. ✖ 7

Question Number : 98 Question Id : 3026161298 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

In the context of Indian economy, which of the following is a subject under the secondary sector?

Options :

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1. ✖ Agriculture

2. ✔ Industries

3. ✖ Health

4. ✖ Banking

Question Number : 99 Question Id : 3026161299 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which amongst the following is an initiative taken by Council of Scientific and Industrial Research for deepening the scientific social responsibility?

Options :

1. ✖ Usttad

2. ✖ Research and Development

3. ✔ Jigyasa

4. ✖ CSR

Question Number : 100 Question Id : 3026161300 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

PCA (supervisory tools to maintain sound financial health of banks) stands for:

Options :

1. ✔ Prompt Corrective Action

2. ✖ Prompt Collective Action

3. ✖ Possible Corrective Action

4. ✖ Possible Collective Action