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 28th Sept 2018 Shift1
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 : 6789131201 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 perfect square?

Options :

1. ✖ 9801

2. ✖ 2025

3. ✖ 16641

4. ✔ 1250

Career Railways

Question Number : 2 Question Id : 6789131202 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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

Options :

1. ✖ 6

2. ✖ $\frac{2}{9}$

3. ✔ $6\frac{3}{7}$

4. ✖ $5\frac{3}{7}$

Question Number : 3 Question Id : 6789131203 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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

Options :

1. ✔ $\frac{5}{6}$

2. ✖ $\frac{5}{7}$

3. ✖ $\frac{6}{5}$

4. ✖ $\frac{2}{6}$

Question Number : 4 Question Id : 6789131204 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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

Options :

1. ✖ $-\frac{1}{2}$

2. ✖ $\frac{2}{3}$

Career Railways

3. ✔ $1\frac{2}{3}$

4. ✖ $\frac{11}{2}$

Question Number : 5 Question Id : 6789131205 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which of the numbers given below is NOT rational?

Options :

1. ✖ $\sqrt[3]{27}$

2. ✖ $\sqrt[3]{64}$

3. ✔ $\sqrt[4]{32}$

4. ✖ $\sqrt[5]{32}$

Question Number : 6 Question Id : 6789131206 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

How many of the factors of 512 are perfect squares?

Options :

1. ✖ 3

2. ✖ 4

3. ✔ 5

4. ✖ 6

Question Number : 7 Question Id : 6789131207 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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

Options :

1. ✔ 3

2. ✖ –9

3. ✖ –5

Career Railways

4. ✖ 9

Question Number : 8 Question Id : 6789131208 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

$4 + 3 \times 4 + 3 \times 4^2 + 3 \times 4^3 + 3 \times 4^4 + 3 \times 4^5 = ?$

Options :

1. ✔ 4^6

2. ✖ 10×4^4

3. ✖ 9×4^4

4. ✖ 5×4^5

Question Number : 9 Question Id : 6789131209 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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?

Options :

1. ✖ 42

2. ✖ 147

3. ✔ 84

4. ✖ 63

Question Number : 10 Question Id : 6789131210 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Tarun and Tapan started a partnership with investments of ₹

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?

Options :

1. ✖ 3 : 2

2. ✖ 2 : 3

3. ✔ 1 : 1

4. ✖ 1 : 2

Career Railways

Question Number : 11 Question Id : 6789131211 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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 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.

Options :

1. ✖ ₹100

2. ✖ ₹200

3. ✔ ₹300

4. ✖ ₹400

Question Number : 12 Question Id : 6789131212 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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 profit of 11% the seller should have sold the set for ` _____ more.

Options :

1. ✖ 2664.42

2. ✖ 1812.60

3. ✖ 2460

4. ✔ 3120

Question Number : 13 Question Id : 6789131213 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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:

Options :

1. ✖ 280 km/h

2. ✔ 140 km/h

3. ✖ 70 km/h

4. ✖ 105 km/h

Question Number : 14 Question Id : 6789131214 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Career Railways

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?

Options :

1. ✖ 52

2. ✖ 48

3. ✖ 50

4. ✔ 49

Question Number : 15 Question Id : 6789131215 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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 B leaves 5 days before the completion of the work. For how many days did A and B work together?

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

Options :

1. 9

2. 10

3. 11

4. 13

Question Number : 16 Question Id : 6789131216 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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

Options :

1. ✔ 216

2. ✖ 27

3. ✖ 64

4. ✖ 126

Question Number : 17 Question Id : 6789131217 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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. How old will Akash be next year?

Career Railways

Options :

1. ✖ 5 years

2. ✔ 6 years

3. ✖ 4 years

4. ✖ 8 years

Question Number : 18 Question Id : 6789131218 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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?

Options :

1. ✖ 9

2. ✖ 12

3. ✖ 15

4. ✔ 18

Question Number : 19 Question Id : 6789131219 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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?

Options :

1. ✖ 1

2. ✖ 0.8

3. ✔ 1.25

4. ✖ 1.5

Question Number : 20 Question Id : 6789131220 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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

Options :

1. ✔ $\sqrt{3} : 2$

Career Railways

2. ✖ $1 : \sqrt{3}$

3. ✖ $2 : 3$

4. ✖ $4 : 3\sqrt{3}$

Question Number : 21 Question Id : 6789131221 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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

Options :

1. ✖ $4x - 1$

2. ✖ $x - 5$

3. ✖ $4x - 5$

4. ✔ $4x + 5$

Question Number : 22 Question Id : 6789131222 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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

Options :

1. ✖ 2

2. ✖ 3

3. ✖ 4

4. ✔ 5

Question Number : 23 Question Id : 6789131223 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

If the standard deviation of 0, 1, 2, 3_____9 is K, then the standard deviation of 10, 11, 12, 13_____ 19 will be:

Options :

1. ✔ K

2. ✖ K+1

3. ✖ K+4

4. ✖ K+8

Question Number : 24 Question Id : 6789131224 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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

Options :

1. ✖ 25.5

2. ✖ -25.5

3. ✔ -24.5

4. ✖ 24.5

Question Number : 25 Question Id : 6789131225 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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

Options :

1. ✖ 7.5 sq units

2. ✔ 10.5 sq units

3. ✖ 10 sq units

4. ✖ 12 sq units

Question Number : 26 Question Id : 6789131226 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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

Options :

1. ✖ Father-in-law

2. ✖ Son-in-law

3. ✔ Brother-in-law

4. ✖ Mother-in-law

Question Number : 27 Question Id : 6789131227 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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

Options :

Career Railways

1. ✖ Paternal Aunt

2. ✖ Maternal Aunt

3. ✔ Cousins

4. ✖ Sister-in-law

Question Number : 28 Question Id : 6789131228 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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

Options :

1. ✖ father-in-law

2. ✔ brother-in-law

3. ✖ sister-in-law

4. ✖ daughter-in-law

Question Number : 29 Question Id : 6789131229 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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

Options :

1. ✖ friends

2. ✔ cousins

3. ✖ twins

4. ✖ nieces

Question Number : 30 Question Id : 6789131230 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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

Options :

1. ✖ father

2. ✖ maternal uncle

3. ✔ paternal uncle

Career Railways

4. ✖ cousin

Question Number : 31 Question Id : 6789131231 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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

Options :

1. ✔ 715120

2. ✖ 715121

3. ✖ 715123

4. ✖ 715122

Question Number : 32 Question Id : 6789131232 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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?

Options :

1. ✖ Conclusion I alone follows

2. ✖ Conclusion II alone follows

3. ✔ Both the conclusions follow

4. ✖ Neither I nor II follows

Question Number : 33 Question Id : 6789131233 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Career Railways

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

Options :

1. ✖ Only assumption I is implicit

2. ✖ Only assumption II is implicit

3. ✖ Neither I nor II is implicit

4. ✔ Both I and II are implicit

Question Number : 34 Question Id : 6789131234 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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

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.

Options :

1. ✖ Only I is implicit.

2. ✔ Only II is implicit.

3. ✖ Neither I nor II is implicit.

4. ✖ Both I and II are implicit.

Career Railways

Question Number : 35 Question Id : 6789131235 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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.

Options :

1. ✖ Both arguments I and II are strong.

2. ✖ Only argument II is strong.

3. ✖ Neither argument I nor II is strong.

4. ✔ Only argument I is strong.

Question Number : 36 Question Id : 6789131236 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Find the next term in the following series:

31, 38, 44, 51,_____.

Options :

1. ✖ 51

2. ✖ 55

3. ✔ 57

4. ✖ 58

Question Number : 37 Question Id : 6789131237 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

What is the next term in the given series?

22A, 42E, 62I, ?___

Options :

Career Railways

1. ✖ 82N

2. ✔ 82M

3. ✖ 82K

4. ✖ 82O

Question Number : 38 Question Id : 6789131238 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

What is the next term in this series?

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

Options :

1. ✖ Q

2. ✖ S

3. ✖ K

4. ✔ U

Question Number : 39 Question Id : 6789131239 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Choose the correct alternative to complete the pattern:

1224364860, 1122334455, 1020304050, _____

Options :

1. ✔ 918273645

2. ✖ 918273644

3. ✖ 918273643

4. ✖ 918273642

Question Number : 40 Question Id : 6789131240 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Career Railways

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?

Options :

1. ✖ 500

2. ✔ 300

3. ✖ 250

4. ✖ 350

Question Number : 41 Question Id : 6789131241 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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

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.

Options :

1. ✖ Statement 1 alone is sufficient

Career Railways

2. ✖ Statement 2 alone is sufficient

3. ✖ Statement 1 and 2 together are insufficient

4. ✔ Statements 1 and 2 together are sufficient

Question Number : 42 Question Id : 6789131242 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:

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.

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

Options :

1. Statement 1 alone is sufficient.

2. Statement 2 alone is sufficient.

3. Statements 1 and 2 together are not sufficient.

4. Statements 1 and 2 together are sufficient.

Question Number : 43 Question Id : 6789131243 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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

Career Railways

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

Options :

1. ✖ Statements 1 and 3 are sufficient
2. ✖ Statements 1, 2, 3 and 4 together are sufficient
3. ✖ Statements 1, 2 and 3 are sufficient
4. ✔ All the statements are insufficient

Question Number : 44 Question Id : 6789131244 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which of the following does NOT belong to the given group?

A. Tunnel

B. Bunker

C. Well

D. Building

Options :

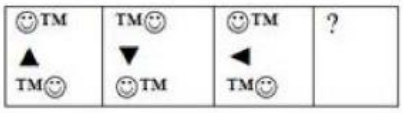
1. ✖ A
2. ✖ B
3. ✖ C
4. ✔ D

Question Number : 45 Question Id : 6789131245 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

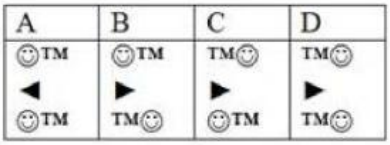
Career Railways

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

Question figures



Option Figures:



Options :

1. ✖ A

2. ✖ D

3. ✔ C

4. ✖ B

Question Number : 46 Question Id : 6789131246 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which of the following does NOT belong to this group?

A. Poetry

B. Sonnet

C. Rhyme

D. Diagram

Options :

1. ✖ A

2. ✖ B

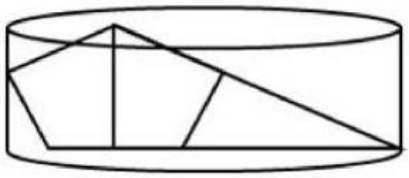
3. ✖ C

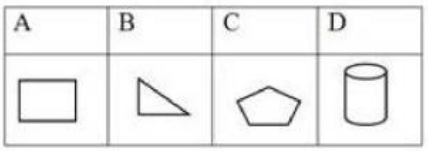
Career Railways

4. ✔ D

Question Number : 47 Question Id : 6789131247 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which of the shapes in the options are combined to form the given shape?





Options :

1. ✖ A, B and D

2. ✔ B, C and D

3. ✖ C and D

4. ✖ D and A

Question Number : 48 Question Id : 6789131248 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Find the odd one out.

A	B	C	D
O15	C3	G7	N15

Options :

1. ✖ A

2. ✖ B

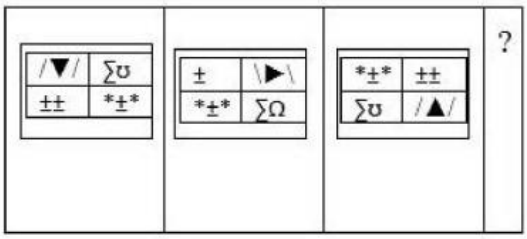
3. ✖ C

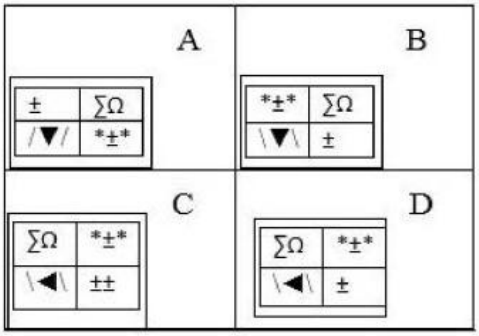
4. ✔ D

Question Number : 49 Question Id : 6789131249 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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

Career Railways





Options :

1. ✖ A

2. ✖ B

3. ✖ C

4. ✔ D

Question Number : 50 Question Id : 6789131250 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which of the following correctly represents the relationship between the given classes?

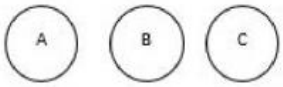
A) Spades

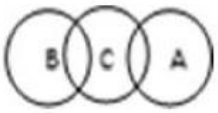
B) Hearts

C) Deck of cards

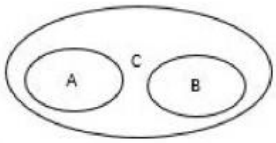
Options :

Career Railways

1. ✖ 

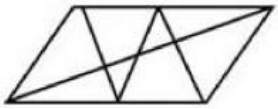
2. ✖ 

3. ✖ 

4. ✔ 

Question Number : 51 Question Id : 6789131251 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 below figure?



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

Options :

1. 10

2. 12

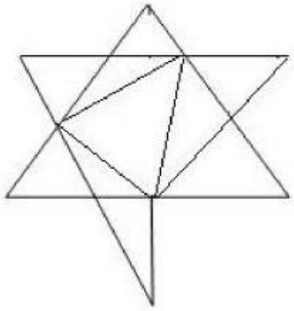
3. 8

4. 6

Question Number : 52 Question Id : 6789131252 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Career Railways

How many triangles are there in the following figure?



Options :

1. ✖ 8

2. ✔ 17

3. ✖ 12

4. ✖ 11

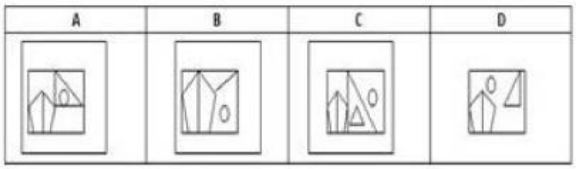
Question Number : 53 Question Id : 6789131253 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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

Problem figure:



Answer figures:



Options :

1. ✖ A

2. ✔ B

3. ✖ C

Career Railways

4. ✖ D

Question Number : 54 Question Id : 6789131254 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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?

Options :

1. ✖ South

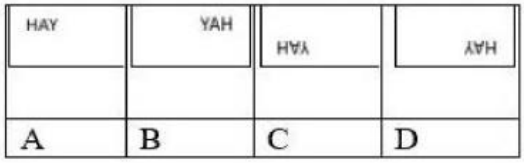
2. ✖ East

3. ✖ North

4. ✔ West

Question Number : 55 Question Id : 6789131255 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

What is the horizontal mirror image of HAY?



Options :

1. ✖ A

2. ✖ B

3. ✔ C

4. ✖ D

Question Number : 56 Question Id : 6789131256 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

An object travels 10 m in 4 s and then another 14 m in 2 s. What is the average speed of the object?

Options :

1. ✖ 4 m

2. ✔ $4\ ms^{-1}$

3. ✖ $4\ s^{-1}$

Career Railways

4. ✖ $4.5\ ms^{-1}$

Question Number : 57 Question Id : 6789131257 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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

Options :

1. ✔ $4.43\ ms^{-1}$

2. ✖ $5.17\ ms^{-1}$

3. ✖ $5.00\ s^{-1}$

4. ✖ $6.17\ ms^{-1}$

Question Number : 58 Question Id : 6789131258 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

What is the formula of average velocity?

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

Options :

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

2. $V = s/t$

3. $V_{av} = u + v$

4. $V_{av} = u - v/2$

Question Number : 59 Question Id : 6789131259 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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

Options :

1. ✖ 800

2. ✖ 80

3. ✖ 8

4. ✔ 0.8

Career Railways

Question Number : 60 Question Id : 6789131260 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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

Options :

1. ✖ Velocity

2. ✔ Position

3. ✖ Acceleration

4. ✖ Momentum

Question Number : 61 Question Id : 6789131261 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

What is the valency of copper in cuprous oxide?

Options :

1. ✖ 2

2. ✖ 3

3. ✔ 1

4. ✖ 4

Question Number : 62 Question Id : 6789131262 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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:

Options :

1. ✔ 2 m

2. ✖ 1 m

3. ✖ 0.5 m

4. ✖ 4 m

Question Number : 63 Question Id : 6789131263 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The point at which all rays converge is termed as ___.

Options :

1. ✔ focus

Career Railways

2. ✖ pole

3. ✖ principle axis

4. ✖ aperture

Question Number : 64 Question Id : 6789131264 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Compressions and rarefactions are due to variability of:

Options :

1. ✖ ray refraction

2. ✖ magnetic difference

3. ✖ temperature difference

4. ✔ air pressure

Question Number : 65 Question Id : 6789131265 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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

Options :

1. ✖ Helium

2. ✖ Core

3. ✖ Lava

4. ✔ Magma

Question Number : 66 Question Id : 6789131266 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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

Options :

1. ✖ magnetic induction flows

2. ✖ current will flow from negative to positive

3. ✔ current will not flow

Career Railways

4. ✖ current flows from positive to negative

Question Number : 67 Question Id : 6789131267 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

An element of atomic number 16 will belong to the_____ period of the periodic table.

Options :

1. ✔ 3^{rd}

2. ✖ 4^{th}

3. ✖ 5^{th}

4. ✖ 6^{th}

Question Number : 68 Question Id : 6789131268 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

_____ has the greatest electron affinity.

Options :

1. ✖ Br

2. ✖ I

3. ✔ Cl

4. ✖ F

Question Number : 69 Question Id : 6789131269 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The law of definite proportions was stated by _____.

Options :

1. ✖ Democritus

2. ✔ Proust

3. ✖ Lavoisier

4. ✖ John Dalton

Question Number : 70 Question Id : 6789131270 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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

Career Railways

Options :

1. ✖ 7

2. ✖ 8

3. ✔ 6

4. ✖ 9

Question Number : 71 Question Id : 6789131271 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

_____ is not acidic.

Options :

1. ✔ CCl_4

2. ✖ PCl_4

3. ✖ $SbCl_4$

4. ✖ PCl_3

Question Number : 72 Question Id : 6789131272 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

____ is a semiconductor.

Options :

1. ✖ Sn

2. ✔ Ge

3. ✖ Pb

4. ✖ Ga

Question Number : 73 Question Id : 6789131273 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

____ does NOT contain carbonyl group.

Options :

1. ✖ Aldehyde

2. ✖ Ketone

Career Railways

3. ✔ Ethanol

4. ✖ Carboxyl acid

Question Number : 74 Question Id : 6789131274 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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

Options :

1. ✖ 7 groups and 10 periods

2. ✔ 18 groups and 7 periods

3. ✖ 8 groups and 6 periods

4. ✖ 18 groups and 9 periods

Question Number : 75 Question Id : 6789131275 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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

Options :

1. ✖ Al(2,8,3)

2. ✖ P(2,8,5)

3. ✖ S(2,8,6)

4. ✔ Cl(2,8,7)

Question Number : 76 Question Id : 6789131276 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Voluntary muscles are contained in the___.

Options :

1. ✖ heart

2. ✔ hind limb

3. ✖ liver

Career Railways

4. ✖ lung

Question Number : 77 Question Id : 6789131277 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which of the following group produces naked seeds?

Options :

1. ✖ Thallophyte

2. ✖ Bryophyta

3. ✔ Gymnosperms

4. ✖ Angiosperms

Question Number : 78 Question Id : 6789131278 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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

Options :

1. ✖ neutrons

2. ✖ neurons

3. ✖ protons

4. ✔ nephrons

Question Number : 79 Question Id : 6789131279 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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

Options :

1. ✖ 23

2. ✔ 46

3. ✖ 24

4. ✖ 48

Question Number : 80 Question Id : 6789131280 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Career Railways

_____ mutation is NOT hereditary.

Options :

1. ✖ Duplication

2. ✔ Somatic

3. ✖ Insertion

4. ✖ Deletion

Question Number : 81 Question Id : 6789131281 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Football was officially included as a competitive game in Olympics in:

Options :

1. ✖ 1900

2. ✖ 1924

3. ✖ 1916

4. ✔ 1908

Question Number : 82 Question Id : 6789131282 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The Rajiv Gandhi Khel Ratna Awardee receives a cash price of rupees:

Options :

1. ✖ 7 lakh

2. ✔ 7.5 lakh

3. ✖ 10 lakh

4. ✖ 25 lakh

Question Number : 83 Question Id : 6789131283 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

With which sport is B Sai Praneeth associated?

Options :

1. ✖ Kho-Kho

2. ✖ Cricket

Career Railways

3. ✔ Badminton

4. ✖ Taekwondo

Question Number : 84 Question Id : 6789131284 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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

Options :

1. ✖ Sir Isac Newton

2. ✔ Albert Einstein

3. ✖ Alan Turing

4. ✖ Alexander Graham bell

Question Number : 85 Question Id : 6789131285 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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

Options :

1. ✖ Jitendra

2. ✖ Shobha Kapoor

3. ✖ Siddharth Roy Kapur

4. ✔ Ekta Kapoor

Question Number : 86 Question Id : 6789131286 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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

Options :

1. ✖ Music

2. ✔ Science

3. ✖ Sports

4. ✖ Literature

Career Railways

Question Number : 87 Question Id : 6789131287 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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

Options :

1. ✔ Srishti Kaur

2. ✖ Nisha Dutt

3. ✖ Simran Khosla

4. ✖ Neeru Chadha

Question Number : 88 Question Id : 6789131288 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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

Options :

1. ✖ Captain M.K. Sharma

2. ✔ Captain D. K. Sharma

3. ✖ Admiral Suresh Bhatt

4. ✖ Pranab Mukherjee

Question Number : 89 Question Id : 6789131289 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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

Options :

1. ✖ A. K. Bhatt

2. ✔ Anil Chauhan

3. ✖ Ranbir Singh

4. ✖ Sarath Chand

Question Number : 90 Question Id : 6789131290 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The Electoral College who elects the President of India is formed by:

Options :

Career Railways

1. ✖ Head of the Parliament

2. ✔ Elected members of the Parliament and the State Legislative Assemblies

3. ✖ Former President

4. ✖ Governor

Question Number : 91 Question Id : 6789131291 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

India celebrates its Constitution Day on:

Options :

1. ✖ 15th December

2. ✔ 26th November

3. ✖ 21st August

4. ✖ 26th January

Question Number : 92 Question Id : 6789131292 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which state government launched the 'Gobar-dhan' scheme to support farmers?

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

Options :

1. Rajasthan

2. Uttar Pradesh

3. Haryana

4. Punjab

Question Number : 93 Question Id : 6789131293 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which of the following is the official currency of the European Union?

Options :

1. ✖ Dollar

Career Railways

2. ✔ Euro

3. ✖ Yen

4. ✖ Pound

Question Number : 94 Question Id : 6789131294 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The Battle of Plassey was fought on_____.

Options :

1. ✔ 23rd June 1757

2. ✖ 23rd June 1557

3. ✖ 23rd June 1657

4. ✖ 23rd June 1857

Question Number : 95 Question Id : 6789131295 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

_____was the Finance Minister of the Mughal empire during Akbar's reign.

Options :

1. ✖ Tansen

2. ✖ Birbal

3. ✔ Raja Todar Mal

4. ✖ Raja Man Singh 1

Question Number : 96 Question Id : 6789131296 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which of the below is NOT a city/ village/ town of Rajasthan?

Options :

1. ✖ Sikar

2. ✖ Tonk

3. ✖ Nagaur

Career Railways

4. ✔ Navsari

Question Number : 97 Question Id : 6789131297 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

India is the _____ most populated country in the world.

Options :

1. ✖ third

2. ✖ first

3. ✔ second

4. ✖ fourth

Question Number : 98 Question Id : 6789131298 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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

Options :

1. ✔ Urjit Patel

2. ✖ Arvind Subramanian

3. ✖ Raghuram Rajan

4. ✖ Amitabh Kant

Question Number : 99 Question Id : 6789131299 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

_____is the mobile application launched by the Ministry of Commerce and Industry to aid exporters and importers in the country.

Options :

1. ✖ Nikat Man

2. ✖ Dikhat Mitra

3. ✖ Maitree Mitra

4. ✔ Niryat Mitra

Question Number : 100 Question Id : 6789131300 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Career Railways

The Human Development Index was developed by____ in 1990

Options :

1. ✖ Apara Sen

2. ✖ Mahbub Khan

3. ✔ Mahbub-ul-Haq and Amartya Sen

4. ✖ Syed-ul-Haq

aglasem.com