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 04th Dec 2018 Shift2
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?:	Yes
Highlighter:	No
Auto Save on Console?:	No

Display Number Panel:	Yes
Group All Questions:	No

Question Number : 1 Question Id : 6789137001 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The square root of which of the following numbers will be irrational?

Options :

1. ✖ 8464

2. ✖ 7225

3. ✔ 4235

4. ✖ 3136

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Question Number : 2 Question Id : 6789137002 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

$54 \div 3^2 \times 6 + 3 = ?$

Options :

1. ✖ $\frac{2}{3}$

2. ✖ 54

3. ✖ 4

4. ✔ 39

Question Number : 3 Question Id : 6789137003 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The HCF of 88 and 220 is:

Options :

1. ✖ 8

2. ✖ 11

3. ✖ 22

4. ✔ 44

Question Number : 4 Question Id : 6789137004 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which of the numbers below is the square root of 21316?

Options :

1. ✖ 136

2. ✔ 146

3. ✖ 134

4. ✖ 154

Question Number : 5 Question Id : 6789137005 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

$1.42 \times 0.005 = ?$

Options :

1. ✖ 0.71

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2. ✔ 0.0071

3. ✖ 0.00071

4. ✖ 0.071

Question Number : 6 Question Id : 6789137006 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which of the following numbers is NOT a perfect square?

Options :

1. ✖ 40804

2. ✖ 38416

3. ✔ 34967

4. ✖ 30625

Question Number : 7 Question Id : 6789137007 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The value of $96 \div 2^3 \times 3 + 8$ is:

Options :

1. ✖ 12

2. ✔ 44

3. ✖ 3

4. ✖ 132

Question Number : 8 Question Id : 6789137008 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Among the following, which is the closest approximation of $\sqrt{2}$?

Options :

1. ✖ 1.41421357

2. ✔ 1.41421356

3. ✖ 1.41421355

4. ✖ 1.41421354

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Question Number : 9 Question Id : 6789137009 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The ratio of the number of boys to that of the girls in a school was 8 : 11. If there were 399 students in the school, how many of them were boys?

Options :

1. ✖ 176

2. ✔ 168

3. ✖ 184

4. ✖ 160

Question Number : 10 Question Id : 6789137010 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

46% of all tickets sold on a particular day were purchased by students. If the total number of tickets sold on that day was 1250, how many of those were bought by students?

Options :

1. ✖ 580

2. ✔ 575

3. ✖ 570

4. ✖ 550

Question Number : 11 Question Id : 6789137011 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

A sum of ₹ 84,500 is compounded half-yearly at 8% per annum for 1 year 6 months. What is the interest due? (rounded off to the nearest rupee).

Options :

1. ✖ ₹ 10410

2. ✖ ₹ 7030

3. ✔ ₹ 10551

4. ✖ ₹ 8457

Question Number : 12 Question Id : 6789137012 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

A factory outlet decided to get rid of its old stock by recovering only the variable cost by selling each set of cups at ₹ 287. If the fixed cost accounted for 18% of the total cost, what was the cost price of each set of cups?

Options :

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1. ✖ ₹ 320

2. ✖ ₹ 325

3. ✖ ₹ 340

4. ✔ ₹ 350

Question Number : 13 Question Id : 6789137013 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Hitesh alone can complete a task in 24 days while Jinesh alone can complete the task in 30 days. With the help of Ishan, they can complete the same task in 10 days, with all working together. How long will it take Ishan alone to do the same piece of work?

Options :

1. ✖ 32 days

2. ✖ 48 days

3. ✖ 36 days

4. ✔ 40 days

Question Number : 14 Question Id : 6789137014 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

A can do a piece of work alone in 20 days while B takes 16 days to do it by herself. Together with C it takes them 8 days to complete the work. If C and D together can do the work in 60 days, then how many days will D need to complete the task by herself?

Options :

1. ✖ 270

2. ✖ 225

3. ✖ 252

4. ✔ 240

Question Number : 15 Question Id : 6789137015 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

A train travelling at constant speed crosses two persons walking in the same direction as that of the train in 10.8 seconds and 11.4 seconds respectively. The first person was walking at a speed of 4.8 km/h while the second was walking at a speed of 6.6 km/h. What was the speed of the train in km/h?

Options :

1. ✖ 40.2

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2. ✖ 39.6

3. ✔ 39.0

4. ✖ 38.4

Question Number : 16 Question Id : 6789137016 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The height and the slant height of a right circular cone are given as $\sqrt{429}$ cm and 25 cm, respectively. Approximating π by $\frac{22}{7}$, find the curved surface area of the said cone.

Options :

1. ✖ $1144\ cm^2$

2. ✔ $1100\ cm^2$

3. ✖ $1078\ cm^2$

4. ✖ $1056\ cm^2$

Question Number : 17 Question Id : 6789137017 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Two pipes 'L' and 'K' can together to fill a tank in 4 hours. Pipe 'K' alone would take 5 hours to fill the tank. How long will it take for pipe 'L' to fill the tank alone?

Options :

1. ✔ 20 hours

2. ✖ 15 hours

3. ✖ 12 hours

4. ✖ 8 hours

Question Number : 18 Question Id : 6789137018 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The Length and Breadth of a rectangle are increased by 15% and 10% respectively. What will be the percentage increase in the Area of the rectangle?

Options :

1. ✖ 20.5%

2. ✖ 25%

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3. ✔ 26.5%

4. ✖ 30.5%

Question Number : 19 Question Id : 6789137019 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Three pipes, A, B and C, can fill a tank from empty to full in 15, 10 and 5 minutes, respectively. When the tank is empty, all the three pipes are opened. A discharges chemical solution P. The portion of solution P in the liquid in the tank after 6 minutes is:

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

Options :

1. $\frac{12}{11}$

2. $\frac{9}{11}$

3. $\frac{2}{11}$

4. $\frac{6}{11}$

Question Number : 20 Question Id : 6789137020 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

15 months ago the age of Tuhin was thrice the age of Sambit, who is 6 months older than Soumik. 5 months from now the age of Tuhin will be 2.5 times the age of Soumik. What is the sum of their current ages?

Options :

1. ✖ 15 years 5 months

2. ✔ 15 years 9 months

3. ✖ 15 years 7 months

4. ✖ 15 years 11 months

Question Number : 21 Question Id : 6789137021 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

A ladder reaches a window that is 48 ft above the ground on one side of the street. Keeping its foot on the same point, the ladder is twined to the other side of the street to reach a window 55 ft above the ground. Find the width of the street if the ladder is 73 ft long.

Options :

1. ✖ 92 ft

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2. ✖ 100 ft

3. ✔ 103 ft

4. ✖ 110 ft

Question Number : 22 Question Id : 6789137022 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The arithmetic mean of four distinct natural numbers is 110. If the greatest of the four numbers is 135, what is the maximum possible value of the range of the set of four numbers?

Options :

1. ✖ 95

2. ✖ 96

3. ✔ 97

4. ✖ 98

Question Number : 23 Question Id : 6789137023 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

In $\Delta ABC, AB = AC$, angle $A = (5x - 30)°$; find angle B (in degree).

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

Options :

1. 80

2. 120

3. 30

4. 60

Question Number : 24 Question Id : 6789137024 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

If $x^2 + 4x - 12 < 0$, which of the following specifies all possible values of 'x'?

Options :

1. ✖ $-2 < x < 6$

2. ✖ $x < -6$

3. ✖ $x > 2$

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4. ✔ $-6 < x < 2$

Question Number : 25 Question Id : 6789137025 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The mean of four numbers is 22. The mean of the smallest three of them is 19. If the range of the data is 15, what is the mean of the largest three?

Options :

1. ✖ 23

2. ✔ 24

3. ✖ 25

4. ✖ 26

Question Number : 26 Question Id : 6789137026 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Cow is related to Milk in the same way as is Tree is related to:

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

Options :

1. Wood

2. Fruit

3. Trunk

4. Shade

Question Number : 27 Question Id : 6789137027 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Nida is the son of Fazil. Fazil is the brother of Meher. Khaif is the husband of Meher. Meher is the _____ of Nida.

Options :

1. ✔ paternal aunt

2. ✖ cousin

3. ✖ paternal uncle

4. ✖ brother

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Question Number : 28 Question Id : 6789137028 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Find the odd one out.

Options :

1. ✖ Bharatanatyam

2. ✖ Odissi

3. ✖ Kathakali

4. ✔ Hip-Hop

Question Number : 29 Question Id : 6789137029 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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

Statements:

No Jockey is Ace.

No Ace is Queen

Conclusions:

I. No Jockey is Queen

II. All Queens are Jockeys

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 : 30 Question Id : 6789137030 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Select the option that is related to the first term in the same way as the third term is related to the fourth term.

Arrangement : _____ :: Selection : Combination

Options :

1. ✔ Permutation

2. ✖ Simulation

3. ✖ Manipulation

4. ✖ Inclusion

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Question Number : 31 Question Id : 6789137031 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

If NYLON can be written as 1425121514, how can COTTON be written?

Options :

1. ✔ 31520201514

2. ✖ 315010623

3. ✖ 516891012

4. ✖ 5019234

Question Number : 32 Question Id : 6789137032 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Each question given below consists of a statement, followed by two arguments numbered I and II. You have to decide which of the arguments is a 'strong' argument.

Statement :
Should after school job be made mandatory for all the students?

Arguments :
I. Yes, It helps in developing life skills.
II. No, NOT all the students are matured enough to handle the issues arising in the job.

Options :

1. ✖ Only argument I is strong

2. ✖ Only argument II is strong

3. ✖ Neither I nor II is strong and

4. ✔ Both I and II are strong

Question Number : 33 Question Id : 6789137033 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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

Statement:
"Meena's mobile has more features than her sister's", says a friend of Meena.

Conclusions:
I. Meena has a sister.
II. Meena's friend is a very close associate of her sister.

Options :

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1. ✔ Conclusion I alone follows.

2. ✖ Conclusion II alone follows.

3. ✖ Both the conclusions follow.

4. ✖ Neither conclusion I nor II follows.

Question Number : 34 Question Id : 6789137034 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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

Statement:

Should the Indian Government stop spending huge amounts of money on border security?

Arguments:

I. Yes, it is waste of public funds

II. No, this is a national security issue

Options :

1. ✖ Only I is strong

2. ✔ Only II is strong

3. ✖ Either I or II is strong

4. ✖ Neither I nor II is strong

Question Number : 35 Question Id : 6789137035 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Consider the statements and the following assumptions and decide which of the assumptions is/are implicit in the statement

Statement:

As part of the city beautification drive, the local municipal body is planning to clean the old lake which is in the centre of the city.

Assumptions:

I. Lakes, if maintained well, add to the beauty of the city and check on the water level of that area

II. The lake is full of dirt

Options :

1. ✖ Only I is implicit

2. ✖ Only II is implicit

3. ✔ Both I and II are implicit

4. ✖ Neither I nor II is implicit

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Question Number : 36 Question Id : 6789137036 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Find the next letter in the series.

KB, LD, MG, NK, ?

Options :

1. ✖ OG

2. ✔ OP

3. ✖ PG

4. ✖ PU

Question Number : 37 Question Id : 6789137037 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.

2J, 8M, 26P, __

Options :

1. ✔ 80S

2. ✖ 81S

3. ✖ 80T

4. ✖ 81T

Question Number : 38 Question Id : 6789137038 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.

126, 132, 142, 148, ___

Options :

1. ✖ 152

2. ✖ 162

3. ✖ 168

4. ✔ 158

Question Number : 39 Question Id : 6789137039 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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Find out the two operations to be interchanged for making the following equation correct.

$((3 \times 10 + 14) \div 4) - 2 = 6$

Options :

1. ✔ addition and subtraction

2. ✖ subtraction and division

3. ✖ division and multiplication

4. ✖ multiplication and addition

Question Number : 40 Question Id : 6789137040 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:
Who is the oldest among T, V and W?

Statements:
1. T is older than W.
2. W is the elder sister of V.

Options :

1. ✖ Statement 1 alone is sufficient.

2. ✖ Statements 1 and 2 together are insufficient.

3. ✖ Statement 2 alone is sufficient.

4. ✔ Statements 1 and 2 together are sufficient.

Question Number : 41 Question Id : 6789137041 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 necessary/sufficient to answer the question.

Question:
Nayan has 6 boards of 3 different shapes. Find how many square-boards she has?

Statements:
1. The number of rectangular and circular boards are same
2. There is 1 circular board

Options :

1. ✖ Statement 1 alone is sufficient.

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2. ✖ Statement 2 alone is sufficient.

3. ✖ Statement 1 and 2 together are not sufficient.

4. ✔ Statements 1 and 2 together are sufficient.

Question Number : 42 Question Id : 6789137042 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Consider the following question and decide which of the statements is sufficient to answer the question.

Question:
Find the value of x.
Statements:
I. Sum of squares of positive consecutive even numbers is 52.
II. Difference of the number is 2.

Options :

1. ✔ Only statement I is sufficient while statement II is not

2. ✖ Only statement II is sufficient while statement I is not

3. ✖ Neither statement I nor II is sufficient

4. ✖ Both statements I and II are sufficient

Question Number : 43 Question Id : 6789137043 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Consider the following question and decide which of the statements is sufficient to answer the question.
Question:
Find the value of p
Statements:
1. $p : p^2 :: p^2 : 1000$
2. $p^2 + 2pn + n^2 = 21$

Options :

1. ✔ Only 1 is sufficient

2. ✖ Only 2 is sufficient

3. ✖ Either 1 or 2 is sufficient

4. ✖ Neither 1 nor 2 is sufficient

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Question Number : 44 Question Id : 6789137044 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Sadhana was facing towards the north-east. She turns 45° clockwise, then 180° anticlockwise directions. In which direction she is facing now.

Options :

1. ✖ East

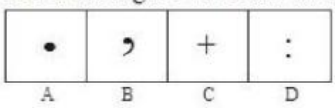
2. ✔ West

3. ✖ North

4. ✖ South

Question Number : 45 Question Id : 6789137045 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

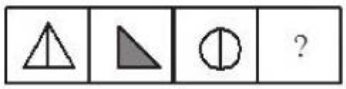
2. ✖ B

3. ✔ C

4. ✖ D

Question Number : 46 Question Id : 6789137046 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Find the figure that is related to the third figure in the same way as the second figure is related to the first figure.



Options :

1. ✔ 

2. ✖ 

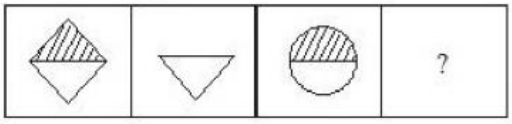
3. ✖ 

4. ✖ 

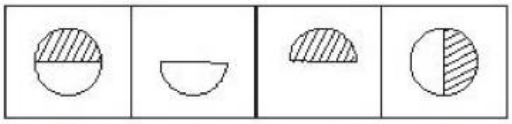
Question Number : 47 Question Id : 6789137047 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Find the next figure in the given series.

Problem figures:



Answer figures:



Options :

1. ✖ A

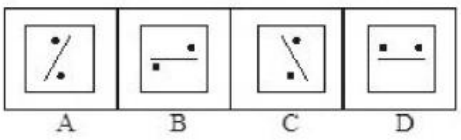
2. ✔ B

3. ✖ C

4. ✖ D

Question Number : 48 Question Id : 6789137048 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Find the odd one out from among the given figures.



Options :

1. ✖ A

2. ✖ B

3. ✖ C

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4. ✔ D

Question Number : 49 Question Id : 6789137049 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

In a code language,
Biscuit = 83
Cake = 20
Cookie = 58
In the same code language, Coffee = ?

Options :

1. ✔ 40

2. ✖ 44

3. ✖ 33

4. ✖ 34

Question Number : 50 Question Id : 6789137050 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Find the odd one out:

Σ, Φ, δ, #

Options :

1. ✖ Σ

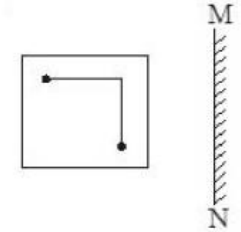
2. ✖ Φ

3. ✖ δ

4. ✔ #

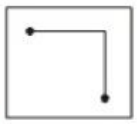
Question Number : 51 Question Id : 6789137051 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

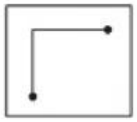
Find the mirror image of the given figure, when the mirror is held at line MN

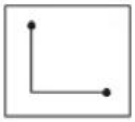


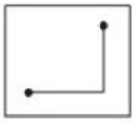
Options :

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1. ✖ 

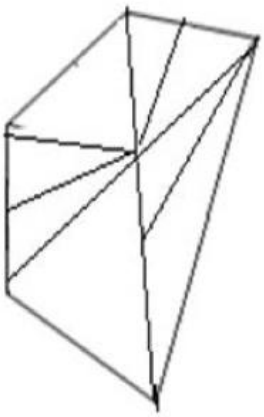
2. ✔ 

3. ✖ 

4. ✖ 

Question Number : 52 Question Id : 6789137052 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

How many triangles are present in the below figure?



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

Options :

1. 12

2. 13

3. 10

4. 9

Question Number : 53 Question Id : 6789137053 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Sanjay was heading towards south-west direction. Suddenly he turns right by 90°. Now he was facing which direction?

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Options :

1. ✔ North-west

2. ✖ North-east

3. ✖ South-east

4. ✖ South-west

Question Number : 54 Question Id : 6789137054 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

A is sweeping a rectangular hall that has entrance in the East. On entering the room, A starts sweeping to her left side. With one stroke, A makes an angle of 180° with the broom. Which direction does the broom face now?

Options :

1. ✖ South

2. ✖ West

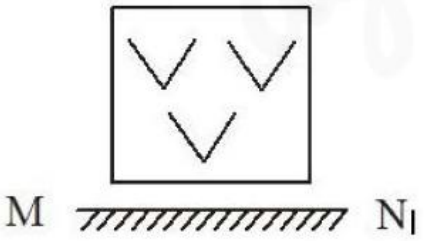
3. ✖ East

4. ✔ North

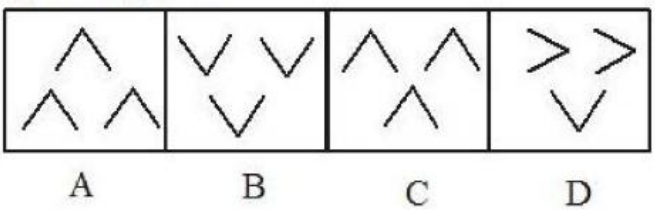
Question Number : 55 Question Id : 6789137055 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Choose the mirror image for the following figure:

Question figure:



Option Figures:



Options :

1. ✔ A

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2. ✖ B

3. ✖ C

4. ✖ D

Question Number : 56 Question Id : 6789137056 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Positive acceleration means _____ .

Options :

1. ✖ velocity of a body decreases

2. ✖ a body has constant velocity

3. ✖ velocity of a body is zero

4. ✔ velocity of a body increases

Question Number : 57 Question Id : 6789137057 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 relation between position and _____ .

Options :

1. ✖ velocity

2. ✖ momentum

3. ✖ displacement

4. ✔ time

Question Number : 58 Question Id : 6789137058 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Some of the leaves may get detached from a tree if we vigorously shake its branches. This is because of _____.

Options :

1. ✖ velocity

2. ✖ momentum

3. ✔ inertia

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4. ✖ Free fall

Question Number : 59 Question Id : 6789137059 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which of the following quantities specifies the direction of motion along with its speed?

Options :

1. ✖ Displacement

2. ✔ Velocity

3. ✖ Momentum

4. ✖ Force

Question Number : 60 Question Id : 6789137060 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

When you compress a coil spring, you do work on it. The elastic PE is _____.

Options :

1. ✖ Unchanged

2. ✖ Decreased

3. ✔ Increased

4. ✖ Zero

Question Number : 61 Question Id : 6789137061 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

If just before striking the ground a 2 kg mass has 400 J of kinetic energy, then the height from which it was dropped is ($g = 10\ m/s^2$, friction is ignored):

Options :

1. ✖ 25 m

2. ✔ 20 m

3. ✖ 10 m

4. ✖ 15 m

Question Number : 62 Question Id : 6789137062 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

5.5 kwh = ?

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Options :

1. ✗ 14.0×10^6 J

2. ✓ 19.8×10^6 J

3. ✗ 14.4×10^5 J

4. ✗ 14.4×10^8 J

Question Number : 63 Question Id : 6789137063 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 sound wave?

Options :

1. ✓ Density

2. ✗ Amplitude

3. ✗ Time period and frequency

4. ✗ Speed

Question Number : 64 Question Id : 6789137064 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

What is the wavelength of a sound wave with a frequency of 840 Hz and a speed of 380 m/s in a given medium?

Options :

1. ✗ 1.45 m

2. ✗ 2.45 m

3. ✓ 0.45 m

4. ✗ 5.45 m

Question Number : 65 Question Id : 6789137065 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Based on conductivity of electricity, pick the odd one out from the following options.

Options :

1. ✗ Human body

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2. ✖ Graphite

3. ✖ Copper

4. ✔ Rubber

Question Number : 66 Question Id : 6789137066 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The SI unit of electric current is:

Options :

1. ✖ Volt

2. ✖ Ohm

3. ✔ Ampere

4. ✖ Ohm-m

Question Number : 67 Question Id : 6789137067 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The salt used in soda-acid fire extinguishers is:

Options :

1. ✖ Sodium carbonate

2. ✖ Calcium oxychloride

3. ✔ Sodium hydrogen carbonate

4. ✖ Sodium hydroxide

Question Number : 68 Question Id : 6789137068 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which of the following is monoatomic?

Options :

1. ✖ Oxygen

2. ✔ Argon

3. ✖ Hydrogen

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4. ✖ Sulphur

Question Number : 69 Question Id : 6789137069 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The relative molecular mass of Sulphur Dioxide $[SO_2]$ is:

Options :

1. ✖ 6.4 u

2. ✔ 64 u

3. ✖ 6.5 u

4. ✖ 65 u

Question Number : 70 Question Id : 6789137070 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Consider the equation $PbO + HCl \rightarrow PbCl_2 + H_2O$.
Moles of HCl required to balance the equation are:

Options :

1. ✖ 1

2. ✔ 2

3. ✖ 3

4. ✖ 4

Question Number : 71 Question Id : 6789137071 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which one of the below is not a property of bases?

Options :

1. ✖ They turn red litmus blue

2. ✖ They dissolve fatty material

3. ✔ They produce hydrogen ion in water

4. ✖ They have a slippery, soapy feel

Question Number : 72 Question Id : 6789137072 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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In its native state, a metal is present:

Options :

1. ✖ as a mixture with another metal

2. ✔ in a free state

3. ✖ as a mixture with a non-metal

4. ✖ as a mixture with a compound

Question Number : 73 Question Id : 6789137073 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which of the following metals are stored in kerosene?

Options :

1. ✖ Aluminium (Al) and Calcium (Ca)

2. ✖ Silicon (Si) and Mercury (Hg)

3. ✖ Gold (Au) and Silver (Ag)

4. ✔ Potassium (K) and Sodium (Na)

Question Number : 74 Question Id : 6789137074 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which of the following do not form a part of the periodic table?

Options :

1. ✖ Halogens

2. ✔ Carcinogens

3. ✖ Lanthanides

4. ✖ Actinides

Question Number : 75 Question Id : 6789137075 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which of the following is NOT an Alkaline Earth Metal?

Options :

1. ✔ Sodium

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2. ✖ Magnesium

3. ✖ Calcium

4. ✖ Barium

Question Number : 76 Question Id : 6789137076 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

A bacterium is capable of withstanding extreme heat, dryness and toxic chemicals. This indicates that it is probably able to form _____.

Options :

1. ✖ endotoxins

2. ✔ endospores

3. ✖ a thick peptidoglycan wall

4. ✖ endogenous buds

Question Number : 77 Question Id : 6789137077 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which of the following animals does NOT belong to phylum Mollusca?

Options :

1. ✖ Snails

2. ✖ Octopus

3. ✔ Antedon

4. ✖ Chiton

Question Number : 78 Question Id : 6789137078 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

In plants, Cytokinins _____ .

Options :

1. ✖ stimulate cells to grow longer

2. ✔ promote cell division

3. ✖ help in growth of stem

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4. ✖ inhibit growth

Question Number : 79 Question Id : 6789137079 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The reproductive parts of _____ are located in the flower.

Options :

1. ✖ Thallopyta

2. ✖ Bryophyta

3. ✖ Pteridophyta

4. ✔ Angiosperms

Question Number : 80 Question Id : 6789137080 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The sperms are temporarily stored in the _____.

Options :

1. ✖ vas deferens

2. ✖ vas efferens

3. ✔ epididymis

4. ✖ bladder

Question Number : 81 Question Id : 6789137081 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The PyeongChang Winter Olympics 2018 were held in which country?

Options :

1. ✖ Greenland

2. ✖ Alaska

3. ✔ South Korea

4. ✖ Switzerland

Question Number : 82 Question Id : 6789137082 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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Who among the following is a well-known swimming champion?

Options :

1. ✔ Sandeep Sejwal

2. ✖ Gagan Narang

3. ✖ Deepika kumari

4. ✖ Mirabai chanu

Question Number : 83 Question Id : 6789137083 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

In which game/sport Saurabh chaudhary has recently won a gold medal?

Options :

1. ✖ Wrestling

2. ✖ Swimming

3. ✖ Boxing

4. ✔ Shooting

Question Number : 84 Question Id : 6789137084 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The prestigious Dhyan Chand award was instituted by the government of India in which year?

Options :

1. ✖ 2000

2. ✖ 2010

3. ✖ 2005

4. ✔ 2002

Question Number : 85 Question Id : 6789137085 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which civilian award of India was awarded to K J Yesudas in 2017 for his contribution to Indian Music?

Options :

1. ✔ Padma Vibushan

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2. ✖ Padma Bhushan

3. ✖ Padma Shree

4. ✖ Bharat Ratna

Question Number : 86 Question Id : 6789137086 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

'Sahitya Akademi' headquarters are located in which city of India?

Options :

1. ✖ Nagpur

2. ✔ New Delhi

3. ✖ Varanasi

4. ✖ Bengaluru

Question Number : 87 Question Id : 6789137087 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Shakti Sthala is a solar power park, inaugurated recently in which of the following states?

Options :

1. ✖ Assam

2. ✖ Chhattisgarh

3. ✔ Karnataka

4. ✖ Odisha

Question Number : 88 Question Id : 6789137088 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Who was appointed the Chief Justice of Madras High Court in March 2017?

Options :

1. ✖ Satish K Agnihotri

2. ✖ Sanjay Kishan Kaul

3. ✔ Indira Banerjee

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4. ✖ Rajesh Kumar Agrawal

Question Number : 89 Question Id : 6789137089 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Who became the first Indian woman to be elected as Judge of the International Tribunal for the Law of the Sea (ITLOS)?

Options :

1. ✖ Gyan Sudha Misra

2. ✖ Sujata Manohar

3. ✔ Dr. Neeru Chadha

4. ✖ Ruma Pal

Question Number : 90 Question Id : 6789137090 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Who among the following was awarded the Bharat Ratna in 2015?

Options :

1. ✖ LK Advani

2. ✖ Rahul Gandhi

3. ✖ Bezwada Wilson

4. ✔ Atal Bihari Vajpayee

Question Number : 91 Question Id : 6789137091 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

What is the capital of Nagaland?

Options :

1. ✔ Kohima

2. ✖ Imphal

3. ✖ Gangtok

4. ✖ Dispur

Question Number : 92 Question Id : 6789137092 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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When is National Hindi Day observed in India?

Options :

1. ✔ 14 September

2. ✖ 14 November

3. ✖ 14 December

4. ✖ 14 June

Question Number : 93 Question Id : 6789137093 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

In which country was the World Cities Summit 2018 held?

Options :

1. ✔ Singapore

2. ✖ Korea

3. ✖ China

4. ✖ Japan

Question Number : 94 Question Id : 6789137094 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The most important event of Ashoka's reign was the conquest of Kalinga, modern day _____, which proved to be the turning point of his life.

Options :

1. ✖ Bihar

2. ✔ Odisha

3. ✖ Assam

4. ✖ Jharkhand

Question Number : 95 Question Id : 6789137095 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

_____ was the summer capital of the British.

Options :

1. ✖ Ooty

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2. ✔ Shimla

3. ✖ Darjeeling

4. ✖ Dalhousie

Question Number : 96 Question Id : 6789137096 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The _____ is the meridian on which the Indian Standard Time is based.

Options :

1. ✔ 82 and a half degrees East longitude

2. ✖ 83 and a half degrees East longitude

3. ✖ 84 and a half degrees East longitude

4. ✖ 81 and a half degrees East longitude

Question Number : 97 Question Id : 6789137097 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which of the following state does NOT share its border with Nepal?

Options :

1. ✖ Uttar Pradesh

2. ✔ Himachal Pradesh

3. ✖ Uttarakhand

4. ✖ Bihar

Question Number : 98 Question Id : 6789137098 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

What is the percentage of Below Poverty line (BPL) in India according to 2011 census?

Options :

1. ✔ 22%

2. ✖ 32%

3. ✖ 35%

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4. ✖ 42%

Question Number : 99 Question Id : 6789137099 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which state of India is the leading producer of rubber?

Options :

1. ✖ Tamilnadu

2. ✖ Telangana

3. ✖ Himachal Pradesh

4. ✔ Kerala

Question Number : 100 Question Id : 6789137100 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

What did the Reserve Bank of India ask all the banks to do by the 30th of April 2018, to tighten internal controls in banks?

Options :

1. ✖ To link NEFT with their core banking solutions (CBS)

2. ✖ To link MICR with their core banking solutions (CBS)

3. ✖ To link RTGS with their core banking solutions (CBS)

4. ✔ To link SWIFT with their core banking solutions (CBS)