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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 12th Dec 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?:	Yes
Highlighter:	No
Auto Save on Console?:	No

Display Number Panel:	Yes
Group All Questions:	No

Question Number : 1 Question Id : 3026164001 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The HCF of 136 and 204 is 68. What is the LCM of the two numbers?

Options :

1. ✔ 408

2. ✖ 544

3. ✖ 612

4. ✖ 816

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Question Number : 2 Question Id : 3026164002 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The sum of $\frac{7}{4}$ and its reciprocal is:

Options :

1. ✖ 1

2. ✖ $2\frac{6}{11}$

3. ✔ $2\frac{9}{28}$

4. ✖ $2\frac{9}{14}$

Question Number : 3 Question Id : 3026164003 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The LCM of 120 and 280 is:

Options :

1. ✖ 1680

2. ✖ 1120

3. ✔ 840

4. ✖ 720

Question Number : 4 Question Id : 3026164004 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

If we transfer 10 balls from pot A to pot B then the number of balls in pot A and B becomes equal. Then, if we transfer 14 balls from pot A to B then the number of balls in pot B is 5 times than that of pot A. How many balls were in pot B initially?

Options :

1. ✖ 10

2. ✔ 11

3. ✖ 12

4. ✖ 15

Question Number : 5 Question Id : 3026164005 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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Simplify:

$1.02 \times \{5.05 - (2.34 + 1.36)\}$

Options :

1. ✖ 1.62

2. ✔ 1.377

3. ✖ 1.836

4. ✖ 2.16

Question Number : 6 Question Id : 3026164006 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The value of $192 \div 2^4 \times 3 + 3$ is:

Options :

1. ✔ 39

2. ✖ 7

3. ✖ 2

4. ✖ 72

Question Number : 7 Question Id : 3026164007 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

$1.005 \div 10.05 = ?$

Options :

1. ✖ 1.001

2. ✖ 0.01

3. ✔ 0.1

4. ✖ 0.001

Question Number : 8 Question Id : 3026164008 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

What is the smallest natural number 1920 should be divided by so that the number of factors of the quotient is odd?

Options :

1. ✖ 40

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2. ✔ 30

3. ✖ 20

4. ✖ 10

Question Number : 9 Question Id : 3026164009 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

If $m = \frac{1}{3-\sqrt{8}}$ and $n = \frac{1}{3+\sqrt{8}}$ then $m^3 + n^3 = ?$

Options :

1. ✔ 198

2. ✖ $8\sqrt{3} - 1$

3. ✖ 71

4. ✖ 72

Question Number : 10 Question Id : 3026164010 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Amit sold goods for ₹ 8,640 and made a profit of 20% in the process. What would have been his profit percentage if he had sold the same goods for ₹ 8,280?

Options :

1. ✖ 10%

2. ✖ 12%

3. ✔ 15%

4. ✖ 18%

Question Number : 11 Question Id : 3026164011 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Inclusive of a 32% peak-time surcharge, the taxi fare came to ₹ 429. What would the payable amount have been without the surcharge?

Options :

1. ✖ ₹ 340

2. ✖ ₹ 335

3. ✖ ₹ 320

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4. ✔ ₹ 325

Question Number : 12 Question Id : 3026164012 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 old stock by recovering only the variable cost. It did this by selling each set of cups for ₹ 399. If the fixed cost accounted for 24% of the total cost, what was the cost price of each set of cups?

Options :

1. ✖ ₹ 520

2. ✔ ₹ 525

3. ✖ ₹ 540

4. ✖ ₹ 550

Question Number : 13 Question Id : 3026164013 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

44 pipes can fill a large water tank in 21 hours. How many hours will it take 55 pipes to fill five such tanks?

Options :

1. ✖ 72

2. ✖ 54

3. ✖ 63

4. ✔ 84

Question Number : 14 Question Id : 3026164014 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

A train travelling at 78 km/h crosses a 445 m long platform in 27 seconds. What is the length of the train?

Options :

1. ✖ 130 m

2. ✖ 120 m

3. ✖ 110 m

4. ✔ 140 m

Question Number : 15 Question Id : 3026164015 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

A person driving at a speed of 63 km/h reaches office 6 minutes early while she reaches 3 minutes late if driving at 54 km/h. What is the distance (in km) that she is covering?

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Options :

1. ✖ 54.9

2. ✖ 55.8

3. ✔ 56.7

4. ✖ 57.6

Question Number : 16 Question Id : 3026164016 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The sum of the ages of a father and his two sons is 53 years and the difference in the ages of his sons is 4 years. If the age of the father is five times the age of the younger son, find the age (in years) of the elder son.

Options :

1. ✖ 9

2. ✖ 10

3. ✖ 8

4. ✔ 11

Question Number : 17 Question Id : 3026164017 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

A man says to his son, "Seven years ago I was seven times as old as you were and three years hence I will be three times as old as you will be." Find their ages.

Options :

1. ✔ 42, 12

2. ✖ 40, 14

3. ✖ 20, 42

4. ✖ 52, 12

Question Number : 18 Question Id : 3026164018 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

From a 6-cm-radius spherical piece of a hard chocolate, a number of right circular cone shaped pieces are made. The radius of the base of this cone and the height are both 2 cm. The chocolates are packed in a square box with 12 × 9 (i.e., 12 rows and 9 columns) arrangement. The height of the box is 2 cm. To preserve chocolates for longer period, the box is filled with honey. Find the percentage of honey by volume in the box?

Options :

1. ✖ 71.23

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2. ✔ 73.83

3. ✖ 75.46

4. ✖ 70.45

Question Number : 19 Question Id : 3026164019 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The larger of the two angles formed by the hour hand and the minute hand of a clock at 8:35:30 hours is:

Options :

1. ✖ 315.5°

2. ✖ 314.75°

3. ✔ 315.25°

4. ✖ 314.25°

Question Number : 20 Question Id : 3026164020 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

15% of 'm' is equal to 75% of 'n'. What is the value of 'm' if 'n' = 1280?

Options :

1. ✖ 3200

2. ✖ 7200

3. ✖ 6000

4. ✔ 6400

Question Number : 21 Question Id : 3026164021 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

In a right-angled triangle PQR, angle Q = 90°, side PQ = 65 and side QR = 72. Side PR is the hypotenuse. Calculate the value of $\frac{\sin P \times \cos P}{\cos R \times \sin R}$.

Options :

1. ✖ $\frac{72}{97}$

2. ✔ 1

3. ✖ 0

4. ✖ $\frac{65}{72}$

Question Number : 22 Question Id : 3026164022 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The average marks scored by a student in 5 subjects is 75. The average marks scored by him in the first two subject is 65. The average marks scored by him in the last two subjects is 85. How many marks did the student score in the third subject?

Options :

1. ✖ 80 marks

2. ✖ 70 marks

3. ✖ 65 marks

4. ✔ 75 marks

Question Number : 23 Question Id : 3026164023 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The angle of depression of the foot of a building from the top of a tower 66 m away is $30°$. How high is the tower?

Options :

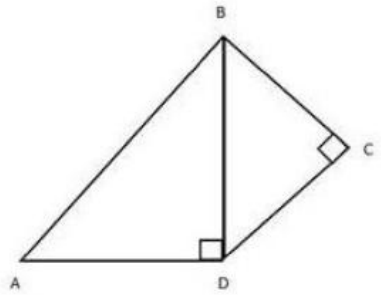
1. ✖ 44 m

2. ✖ $33\sqrt{3}$ m

3. ✔ $22\sqrt{3}$ m

4. ✖ 36 m

Question Number : 24 Question Id : 3026164024 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical



[Figure not to scale]

In the figure given above, $\angle BAD = 30°$ and $\angle DBC = 60°$. If $\overline{AB}$ is 18 cm long, what is the length of $\overline{BC}$?

Options :

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1. ✔ 4.5 cm

2. ✖ 6 cm

3. ✖ 7.5 cm

4. ✖ 9 cm

Question Number : 25 Question Id : 3026164025 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The numerical value of the area of an equilateral triangle is equal to twice the numerical value of its perimeter. What is the area of the said triangle?

Options :

1. ✖ $24\sqrt{3}$ cm^2

2. ✖ 48 cm^2

3. ✔ $48\sqrt{3}$ cm^2

4. ✖ $36\sqrt{3}$ cm^2

Question Number : 26 Question Id : 3026164026 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Rishi introduced a boy as the son of the only daughter of the father of her uncle. The boy is Rishi's:

Options :

1. ✖ Son

2. ✖ Uncle

3. ✔ Brother

4. ✖ Nephew

Question Number : 27 Question Id : 3026164027 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Select the correct option to complete the following analogy.

Pen : Write :: Knife : ?

Options :

1. ✖ Murder

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2. ✔ Cut

3. ✖ Close

4. ✖ Joint

Question Number : 28 Question Id : 3026164028 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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

Question:
Should our country extend generous behaviour and goodwill to our troublesome neighbours?

Arguments:
I. Yes. Some or the other day we will be paid for our generosity.
II. No. Our neighbours might take our generosity for lenience.

Options :

1. ✖ Only argument I is strong

2. ✖ Only argument II is strong

3. ✖ Either I or II is strong

4. ✔ Both I and II are strong

Question Number : 29 Question Id : 3026164029 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Study the first two pairs of words and find the missing word from the following related pair.

Washing machine : Clothes
Coffee machine : Coffee
Xerox machine : ?

Options :

1. ✖ Ink

2. ✖ Xerox

3. ✖ Electricity

4. ✔ Photocopy

Question Number : 30 Question Id : 3026164030 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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

Question:
How many girls are there in a class?

Statements:

I. Total number of students in the class is 40.
II. 60% of the students in the class are boys.

Options :

1. ✖ Statement I alone is sufficient while II alone is not sufficient

2. ✖ Statement II alone is sufficient while I alone is not sufficient

3. ✖ Either statement I or II alone is sufficient

4. ✔ Both statements I and II are sufficient

Question Number : 31 Question Id : 3026164031 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 third term in the same way as the second term is related to the first term.

PUTZ : 7328 :: MORN : _____

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

Options :

1. 4895

2. 4965

3. 4695

4. 4659

Question Number : 32 Question Id : 3026164032 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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

Statement:
Changing old ideas with new one gives good results.

Conclusions:
1. Change is the only thing that never changes.
2. Remove old ideas as they are old.

Options :

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1. ✔ Only conclusion 1 follows

2. ✖ Only conclusion 2 follows

3. ✖ Both 1 and 2 follows

4. ✖ Neither 1 nor 2 follows

Question Number : 33 Question Id : 3026164033 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. Assuming that the information in the statements is true, even if they appear to be in variance with commonly known facts, select which of the conclusions logically follow(s) from the statement(s) beyond reasonable doubt.

Statements:

S.S Rajamouli is a very good director. He is very intelligent.

Conclusions:

I. All directors are very intelligent
II. All intelligent people are very good directors

Options :

1. ✖ Only I follows

2. ✖ Only II follows

3. ✖ Both I and II follow

4. ✔ Neither I nor II follows

Question Number : 34 Question Id : 3026164034 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Choose the option in which the last statement can be deduced logically from the preceding two.

Statements:

A. All fruits are sweet.
B. Grapes are sweet.
C. All grapes are fruits.

Options :

1. ✖ ABC

2. ✔ ACB

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3. ✖ CBA

4. ✖ BAC

Question Number : 35 Question Id : 3026164035 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:
Does dancing have any benefits?

Arguments:
I. Yes, it has both physical and mental benefits including muscular strength and motor co-ordination
II. No, though dancing give benefits, not all can dance to increase their physical and mental abilities.

Options :

1. ✔ Only argument I is strong.

2. ✖ Only argument II is strong.

3. ✖ Both arguments I and II are strong.

4. ✖ Neither I nor II is strong.

Question Number : 36 Question Id : 3026164036 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

4 W X Z 8 Q P O J 6 G T M V E U H 5 3 B

Based on the given sequence, select the term that does NOT belong to the following group.

Q 6, U B, T E, Z O

Options :

1. ✖ Q 6

2. ✖ U B

3. ✔ T E

4. ✖ Z O

Question Number : 37 Question Id : 3026164037 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.

C3, O15, ____

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Options :

1. ✔ A1

2. ✖ Z26

3. ✖ B2

4. ✖ C3

Question Number : 38 Question Id : 3026164038 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:
128, 145, 152, 169, _____.

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

Options :

1. 180

2. 185

3. 188

4. 186

Question Number : 39 Question Id : 3026164039 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Find the next term in the series.
ZW2623, VU2221, _____.

Options :

1. ✖ SR1819

2. ✖ RS1918

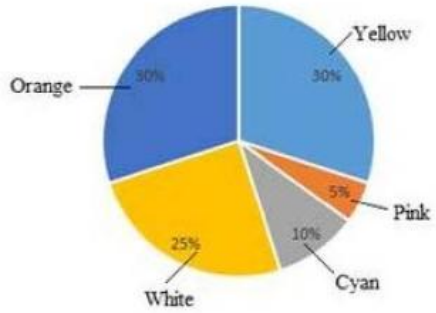
3. ✔ RS1819

4. ✖ SR1918

Question Number : 40 Question Id : 3026164040 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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The following pie chart shows the sales of different colours of paint by a company for Q3 of 2016.



If the sales of all the paint colours amounted to ₹ 2,16,000, then how much did the colour 'cyan' sell for?

Options :

1. ✖ ₹ 64,800

2. ✔ ₹ 21,600

3. ✖ ₹ 10,800

4. ✖ ₹ 21,616

Question Number : 41 Question Id : 3026164041 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Student/ Subject	P	C	B	M
W	70	90	50	85
X	55	80	95	60
Y	60	20	90	40
Z	90	80	40	65

The given table represents the marks obtained by four students, W, X, Y and Z, in four subjects, P, C, B and M, with the maximum marks in each subject being 100.
The average marks of the four students in subject C is:

Options :

1. ✖ 67.25

2. ✔ 67.5

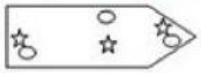
3. ✖ 67.75

4. ✖ 67

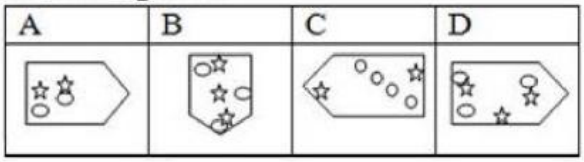
Question Number : 42 Question Id : 3026164042 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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Which of the patterns in the answer figures most closely resembles the given pattern?



Answer figures:



Options :

1. ✖ A

2. ✔ B

3. ✖ C

4. ✖ D

Question Number : 43 Question Id : 3026164043 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:
What is the measure of the sides of a right-angled triangle?

Statements:

1. Hypotenuse and base has a difference of 5 cms.
2. Hypotenuse and perpendicular has the difference of 2 cms.

Options :

1. ✖ Statement 1 alone is sufficient while statement 2 alone is not sufficient

2. ✖ Statement 2 alone is sufficient while statement 1 alone is not sufficient

3. ✔ Both statements 1 and 2 together are sufficient

4. ✖ Each statement alone is sufficient

Question Number : 44 Question Id : 3026164044 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 third term in the same way as the second term is related to the first term.

Cat : Kitten :: Sheep : ?

Options :

1. ✔ Lamb

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2. ✖ Larva

3. ✖ Tadpole

4. ✖ Fawn

Question Number : 45 Question Id : 3026164045 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Three out of the four options given below are related in a particular way. Choose the option that is different or odd from the others.

Options :

1. ✖ Peso

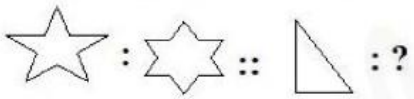
2. ✖ Taka

3. ✖ Won

4. ✔ Kuwait

Question Number : 46 Question Id : 3026164046 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Identify the option that relates to the third figure in the same way that the second figure relates to the first figure.



Options :

1. ✔ 

2. ✖ 

3. ✖ 

4. ✖ 

Question Number : 47 Question Id : 3026164047 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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Choose the option that closely resembles the mirror image of the given figure.





a b c d

Options :

1. ✔ a

2. ✖ b

3. ✖ d

4. ✖ c

Question Number : 48 Question Id : 3026164048 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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

Cube : 6 faces :: Pentagon : ?

Options :

1. ✖ 7 faces

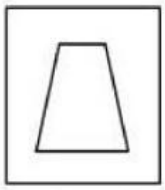
2. ✖ 3 faces

3. ✔ 5 faces

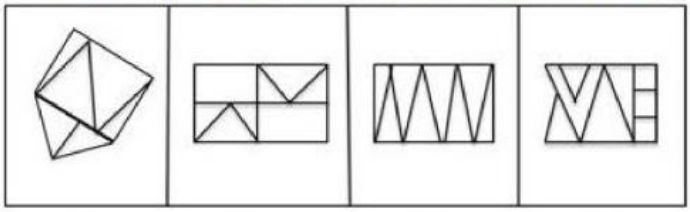
4. ✖ 4 faces

Question Number : 49 Question Id : 3026164049 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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The above figure is embedded in one of these four figures given below.



Select the figure containing the above figure.

Options :

1. ✖ A

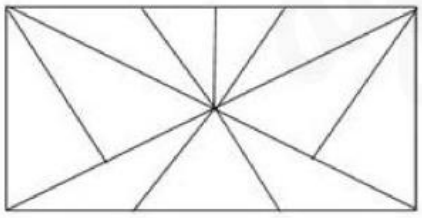
2. ✖ B

3. ✔ C

4. ✖ D

Question Number : 50 Question Id : 3026164050 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Count the number of triangles in the given figure.



Options :

1. ✖ 26

2. ✖ 27

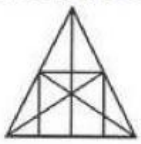
3. ✔ 28

4. ✖ 29

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Question Number : 51 Question Id : 3026164051 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

What is the number of slanting lines and the number of triangles in the given figure



Options :

1. ✗ 5 slanting lines and 36 triangles

2. ✗ 4 slanting lines and 34 triangles

3. ✓ 4 slanting lines and 36 triangles

4. ✗ 5 slanting lines and 34 triangles

Question Number : 52 Question Id : 3026164052 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Out of 100 artists who chose at least one concept to paint, 20 chose environmental awareness and science fiction only; 30 chose environmental awareness and global warming only; and 15 chose science fiction and global warming only. Exactly 5 artists chose to paint only one concept. How many chose all the three concepts to portray?

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

Options :

1. 3

2. 10

3. 20

4. 15

Question Number : 53 Question Id : 3026164053 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Starting from point O facing West a man walks 4 km reach point A, turns right walks 4 km reach point B, turn right walks 4km reach point C, turns right walks 3 km reach point D, turns left walks 4 km reach point E, turns right walks 5 km reach point F

At point E the man is facing _____ direction.

Options :

1. ✓ East

2. ✗ West

3. ✗ North

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4. ✖ South

Question Number : 54 Question Id : 3026164054 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Lina is cleaning a rectangular board, the corners of the board facing south-west, south-east, north-west and north-east. She is standing facing east, She starts cleaning from the centre of the board and takes her hand straight up to front facing edge of the board. In which direction is she cleaning now?

Options :

1. ✔ East

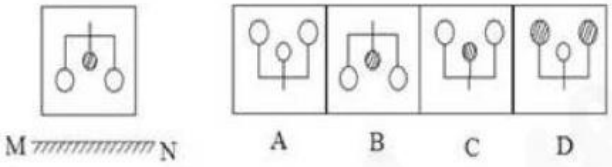
2. ✖ West

3. ✖ North

4. ✖ South

Question Number : 55 Question Id : 3026164055 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:



Options :

1. ✖ A

2. ✖ B

3. ✔ C

4. ✖ D

Question Number : 56 Question Id : 3026164056 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Pressure is defined as ____.

Options :

1. ✖ weight per unit volume

2. ✔ thrust per unit area

3. ✖ product of mass and acceleration

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4. ✖ mass per unit volume

Question Number : 57 Question Id : 3026164057 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Zero acceleration means _____.

Options :

1. ✖ velocity of the body is zero

2. ✔ body has constant velocity

3. ✖ velocity of a body decreases

4. ✖ velocity of a body increases

Question Number : 58 Question Id : 3026164058 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The mass of an object is 85 kg and its velocity is 60 ms^{-1}. Find the momentum of the object.

Options :

1. ✖ 510 kg ms^{-1}

2. ✖ 51,000 kg ms^{-1}

3. ✔ 5,100 kg ms^{-1}

4. ✖ 5,700 kg ms^{-1}

Question Number : 59 Question Id : 3026164059 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Aditi runs on a circular track of length 800 m in 50 s and returns to the starting point. Calculate the average velocity.

Options :

1. ✖ 10 ms^{-1}

2. ✖ 8.5 ms^{-1}

3. ✔ 0 ms^{-1}

4. ✖ 16 ms^{-1}

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Question Number : 60 Question Id : 3026164060 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

On which of the following quantities the work done by a body is NOT dependent?

Options :

1. ✔ Initial Velocity of the body.

2. ✖ The angle between the force and Displacement.

3. ✖ Force Applied.

4. ✖ Displacement.

Question Number : 61 Question Id : 3026164061 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

If a person moves 4 m with a constant force of 12 N, then the work done by him is:

Options :

1. ✖ 3 J

2. ✖ 6 J

3. ✔ 48 J

4. ✖ 2 J

Question Number : 62 Question Id : 3026164062 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

When a man pushes a wall but fails to displace it, it does:

Options :

1. ✖ negative work

2. ✖ positive work

3. ✔ no work at all

4. ✖ maximum positive work

Question Number : 63 Question Id : 3026164063 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Sound waves are _____ waves.

Options :

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1. ✖ electromagnetic

2. ✖ transverse

3. ✖ super

4. ✔ mechanical

Question Number : 64 Question Id : 3026164064 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

What is the intensity level of the faintest audible sound?

Options :

1. ✖ 10 dB

2. ✖ 100 dB

3. ✔ 0 dB

4. ✖ 25 dB

Question Number : 65 Question Id : 3026164065 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

How much current will flow through a body if it touches the terminals of a 12 V battery at 1,00,000 Ω resistance?

Options :

1. ✔ 1.2×10^{-4}

2. ✖ 1.5×10^{-4}

3. ✖ 2.4×10^{-4}

4. ✖ 4.8×10^{-4}

Question Number : 66 Question Id : 3026164066 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Electric shock is a combined effect of which of the following:

a) Potential difference
b) Electric current
c) Temperature

Options :

1. ✖ Only a

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2. ✔ Only a and b

3. ✖ Only b and c

4. ✖ All the three (a, b & c)

Question Number : 67 Question Id : 3026164067 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

If the Atomic Number of an atom of an element is 8, what will be its Electronic Configuration?

Options :

1. ✖ 2, 4, 2

2. ✖ 4, 2, 2

3. ✔ 2, 6

4. ✖ 4, 4

Question Number : 68 Question Id : 3026164068 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

What will be the mass of two moles of Nitrogen? (Atomic Mass of Nitrogen is 14 u)

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

Options :

1. 14 g/mol

2. 28 g/mol

3. 56 g/mol

4. 42 g/mol

Question Number : 69 Question Id : 3026164069 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

7.5 grams of a gas occupy 5.6 litres of volume at STP. The gas is (Atomic weights of C, N and O are 12, 14 and 16 respectively):

Options :

1. ✔ NO

2. ✖ CO

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3. ✖ N_2O

4. ✖ CO_2

Question Number : 70 Question Id : 3026164070 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

When crystals of lead nitrate are heated strongly in a dry test tube:

Options :

1. ✖ crystals immediately melt

2. ✔ a brown residue is left

3. ✖ white fumes appear in the tube

4. ✖ a yellow residue is left

Question Number : 71 Question Id : 3026164071 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

What is the process of mixing an acid or base with water resulting in a decrease in the concentration of ions $(\frac{H_3O^+}{OH^-})$ per unit volume?

Options :

1. ✖ Emulsification

2. ✖ Solution

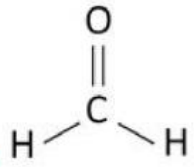
3. ✔ Dilution

4. ✖ Saponification

Question Number : 72 Question Id : 3026164072 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

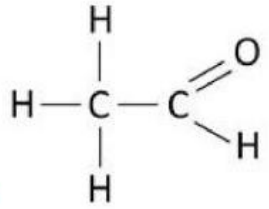
Which of the following does NOT belong to the same homologous series?

Options :

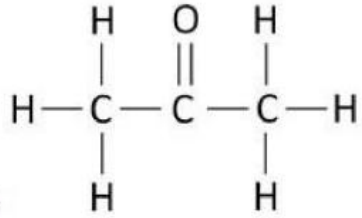
1. ✖ 

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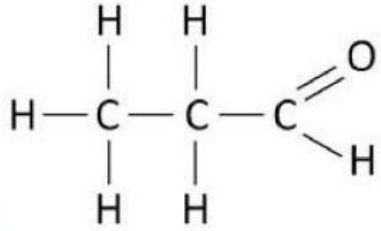
2. ✖



3. ✔



4. ✖



Question Number : 73 Question Id : 3026164073 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 crystalline allotrope of carbon?

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

Options :

1. Diamond

2. Graphite

3. C_{12}

4. C_{60}

Question Number : 74 Question Id : 3026164074 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The electronic configuration of an element is 2, 8, 2. Name the element.

Options :

1. ✔ Magnesium

2. ✖ Potassium

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3. ✖ Radon

4. ✖ Sodium

Question Number : 75 Question Id : 3026164075 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

M orbit (shell) can accommodate _____ electrons.

Options :

1. ✖ 2

2. ✖ 8

3. ✔ 18

4. ✖ 32

Question Number : 76 Question Id : 3026164076 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

In plants, the process of taking up permanent shape, size and function is called _____.

Options :

1. ✖ transpiration

2. ✖ maturation

3. ✔ differentiation

4. ✖ respiration

Question Number : 77 Question Id : 3026164077 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which of the following shows symbiotic relationship?

Options :

1. ✖ Spirogyra

2. ✖ Diatoms

3. ✔ Lichens

4. ✖ Anabaena

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Question Number : 78 Question Id : 3026164078 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The lining of the mouth is made up of _____ .

Options :

1. ✔ Squamous epithelium

2. ✖ Cuboidal epithelium

3. ✖ Columnar epithelium

4. ✖ Pseudostratified columnar epithelium

Question Number : 79 Question Id : 3026164079 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

After fertilisation, the _____ develops into a seed

Options :

1. ✔ ovule

2. ✖ ovary

3. ✖ stigma

4. ✖ carpel

Question Number : 80 Question Id : 3026164080 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Oestrogen, the female hormone, is secreted by the _____ in females.

Options :

1. ✔ Ovary

2. ✖ Oviduct

3. ✖ Uterus

4. ✖ Cervix

Question Number : 81 Question Id : 3026164081 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Who among the following Indian Cricketers has received the Padma Bhushan award in 2018?

Options :

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1. ✔ M S Dhoni

2. ✖ Rahul Dravid

3. ✖ Anil Kumble

4. ✖ K Srikanth

Question Number : 82 Question Id : 3026164082 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The 2018 BWF World Championships was held in:

Options :

1. ✔ China

2. ✖ Malaysia

3. ✖ Indonesia

4. ✖ Singapore

Question Number : 83 Question Id : 3026164083 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The first (inaugural) edition of the Khelo India School Games (KISG) was held from:

Options :

1. ✔ 31st Jan to 8th Feb 2018

2. ✖ 2nd Feb to 2nd March 2018

3. ✖ 1st March to 31st March 2018

4. ✖ 1st Jan to 31st Jan 2018

Question Number : 84 Question Id : 3026164084 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Shahzar Rizvi is associated with which of the following sports?

Options :

1. ✖ Volleyball

2. ✖ Football

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3. ✖ Hockey

4. ✔ Shooting

Question Number : 85 Question Id : 3026164085 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Author and journalist Mamang Dai won the 2017 Sahitya Akademi Award for her novel 'The Black Hill'. From which state does she hail?

Options :

1. ✖ Assam

2. ✖ Nagaland

3. ✔ Arunachal Pradesh

4. ✖ West Bengal

Question Number : 86 Question Id : 3026164086 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

As of July 2018, the Chairman of Film and Television Institute of India (FTII) in Pune is:

Options :

1. ✖ Pahlaj Nihlani

2. ✔ Anupam Kher

3. ✖ Gajendra Chauhan

4. ✖ Prasoon Joshi

Question Number : 87 Question Id : 3026164087 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

In July 2018, who was appointed as the CEO of the Democratic National Committee?

Options :

1. ✔ Seema Nanda

2. ✖ Tom Perez

3. ✖ Alexis Herman

4. ✖ Bobbie Kilberg

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Question Number : 88 Question Id : 3026164088 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The minster for agriculture and horticulture for the state of Maharashtra is ___.

Options :

1. ✖ Subhash Deshmukh

2. ✖ Sambhaji Patil

3. ✖ Ram Shinde

4. ✔ Chandrakantdada Patil

Question Number : 89 Question Id : 3026164089 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Who is the Chief Minister of West Bengal as of August 2018?

Options :

1. ✔ Mamata Banerjee

2. ✖ Manohar Parrikar

3. ✖ Biplab Dev

4. ✖ Naveen Patnaik

Question Number : 90 Question Id : 3026164090 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

What is the name of the program that aims to resolve the problem of stressed assets with public-sector banks?

Options :

1. ✔ Sashakt

2. ✖ Sakt

3. ✖ Shakti

4. ✖ Sampathi

Question Number : 91 Question Id : 3026164091 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which of the following State governments has launched the Happiness Department in the year 2016?

Options :

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1. ✖ Gujarat

2. ✖ Maharashtra

3. ✔ Madhya Pradesh

4. ✖ Kerala

Question Number : 92 Question Id : 3026164092 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The word 'Socialism' in the Preamble of Indian Constitution derives its inspiration from which of the following?

Options :

1. ✖ French Revolution

2. ✔ Russian Revolution

3. ✖ American Revolution

4. ✖ German Revolution

Question Number : 93 Question Id : 3026164093 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Who is the minister in-charge of Housing and Urban Planning of Uttar Pradesh?

Options :

1. ✔ Shri Yogi Adityanath

2. ✖ Shri Rajesh Agarwal

3. ✖ Smt. Reeta Bahuguna Joshi

4. ✖ Shri Satya Dev Pachauri

Question Number : 94 Question Id : 3026164094 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The oldest Veda is the _____.

Options :

1. ✔ Rig Veda

2. ✖ Sama Veda

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3. ✖ Yajur Veda

4. ✖ Atharva Veda

Question Number : 95 Question Id : 3026164095 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

_____ 'Futuhat-i-Firuz Shahi' gives a record of his administrative achievements.

Options :

1. ✖ Zia-ud-din Barani's

2. ✖ Abu'l Fazl's

3. ✔ Firoz Shah Tughlaq's

4. ✖ Gulbadan Begum's

Question Number : 96 Question Id : 3026164096 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

India lies entirely in the _____ and _____ part of the hemisphere of the earth.

Options :

1. ✔ northern , eastern

2. ✖ western , eastern

3. ✖ southern , eastern

4. ✖ northern , southern

Question Number : 97 Question Id : 3026164097 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Salem Steel plant is located in _____.

Options :

1. ✖ West Bengal

2. ✖ Andhra Pradesh

3. ✖ Odisha

4. ✔ Tamil Nadu

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Question Number : 98 Question Id : 3026164098 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The third Indian Ocean conference was held in:

Options :

1. ✔ Vietnam

2. ✖ USA

3. ✖ Germany

4. ✖ India

Question Number : 99 Question Id : 3026164099 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which of the following mines is abundantly found in Karnataka?

Options :

1. ✔ Gold

2. ✖ Platinum

3. ✖ Petroleum

4. ✖ Coal

Question Number : 100 Question Id : 3026164100 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

In October 2017, with which financial services company did the Andhra Pradesh government tie up for its Vizag Digital Dhan Sankalp (VDDS) project?

Options :

1. ✔ Visa

2. ✖ Genie Lending

3. ✖ Bajaj Finserv

4. ✖ Billy Johnston and Company