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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 Nov 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?:	No
Highlighter:	No
Auto Save on Console?:	No

Display Number Panel:	Yes
Group All Questions:	No

Question Number : 1 Question Id : 6789135801 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Find the value of $\sqrt{0.5}$

Options :

1. ✖ 0.764

2. ✔ 0.707

3. ✖ 0.770

4. ✖ 0.730

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Question Number : 2 Question Id : 6789135802 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

If the number $x3181$ is divisible by 3, what is the face value of x?

Options :

1. ✖ 6

2. ✖ 4

3. ✖ 3

4. ✔ 2

Question Number : 3 Question Id : 6789135803 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

What is the square root of 10404?

Options :

1. ✖ 98

2. ✔ 102

3. ✖ 104

4. ✖ 106

Question Number : 4 Question Id : 6789135804 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The LCM of two numbers is 3718 .Which of the following numbers CANNOT possibly be the HCF of these numbers?

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

Options :

1. 12

2. 39

3. 104

4. 133

Question Number : 5 Question Id : 6789135805 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Solve the following equation:

$$26 + (7 + 8) - 10 \times 20 + 200 = ?$$

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Options :

1. ✔ 41

2. ✖ 48

3. ✖ 51

4. ✖ 58

Question Number : 6 Question Id : 6789135806 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

In the sequence 17, ____, 18, 15, 19, 14, 20, 13, find the missing number.

Options :

1. ✖ 5

2. ✖ 12

3. ✖ 10

4. ✔ 16

Question Number : 7 Question Id : 6789135807 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Tiffany is measuring $\frac{9}{10}$ of a table spoon of sugar with a smaller spoon that holds only a sixth of a table spoon. How much sugar will Tiffany have to measure using an even smaller spoon?

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

Options :

1. $\frac{1}{45}$ of a table spoon

2. $\frac{1}{9}$ of a table spoon

3. $\frac{4}{45}$ of a table spoon

4. $\frac{1}{15}$ of a table spoon

Question Number : 8 Question Id : 6789135808 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

If x is positive and $\frac{x}{\sqrt{243}} = \frac{\sqrt{2187}}{x}$, then the value of x = ?

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Options :

1. ✖ 21

2. ✖ 23

3. ✔ 27

4. ✖ 29

Question Number : 9 Question Id : 6789135809 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Sahana sold an item at ₹ 384 and made a profit of 20%. The cost price of the item was:

Options :

1. ✖ ₹ 360

2. ✖ ₹ 300

3. ✔ ₹ 320

4. ✖ ₹ 364

Question Number : 10 Question Id : 6789135810 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

A company increases the selling price of an article such that the ratio of the revised price to the original price is 8 : 5. What is the profit percentage?

Options :

1. ✖ 50%

2. ✖ 40%

3. ✔ 60%

4. ✖ 100%

Question Number : 11 Question Id : 6789135811 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

How much money do you need to invest at 40% annual interest compounded quarterly, so that you receive ₹ 146.41 back after one year?

Options :

1. ✔ ₹ 100

2. ✖ ₹ 110

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3. ✖ ₹ 115

4. ✖ ₹ 95

Question Number : 12 Question Id : 6789135812 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Distribute ₹ 400 among 6 men, 12 women and 17 boys in such a way that 2 men get an amount equal to 5 boys and 2 women get an amount equal to 3 boys. How much money was given to one man, one woman and one boy?

Options :

1. ✖ ₹ 30

2. ✖ ₹ 30.33

3. ✖ ₹ 80

4. ✔ ₹ 40

Question Number : 13 Question Id : 6789135813 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

A contractor took a contract to construct a bridge in 120 days and deployed 100 workers. Only one fifth of the work finished in 45 days. How many additional workers should be deployed to finish the work at the right time?

Options :

1. ✔ 140 men

2. ✖ 120 men

3. ✖ 160 men

4. ✖ 130 men

Question Number : 14 Question Id : 6789135814 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Divide 1870 into 3 parts such that half of the first part, one-third of the second part and one-sixth of the third part are all equal. The 3 parts are:

Options :

1. ✔ 340, 510, 1020

2. ✖ 360, 490, 1020

3. ✖ 360, 510, 1000

4. ✖ 340, 490, 1040

Question Number : 15 Question Id : 6789135815 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

A and B together can complete a task in 12 days. However, working alone A completes one-fifth of the job and leaves. Then B works alone and completes the rest of the work. It takes 22 days in all to complete the work. If B is more efficient than A, how many days would it have taken B to do the work by herself?

Options :

1. ✖ 16.5

2. ✖ 30 or 44

3. ✖ 20

4. ✔ 16.5 or 20

Question Number : 16 Question Id : 6789135816 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Pipe A can fill an empty cistern in 14 hours. Together with Pipe B it can fill up the empty cistern in 10 hours. Pipe B can fill the empty cistern alone in _____ hours.

Options :

1. ✖ 20

2. ✖ 25

3. ✖ 30

4. ✔ 35

Question Number : 17 Question Id : 6789135817 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

A tank can be filled by two taps A and B in 5 hours and 6 hours, respectively. The full tank can be emptied by a third tap in 10 hours, if all the taps are turned on at the same time. How much time will the empty tank take to be filled completely?

Options :

1. ✔ 3 hours 45 minutes

2. ✖ 5 hours 48 minutes

3. ✖ 3 hours 24 minutes

4. ✖ 4 hours 28 minutes

Question Number : 18 Question Id : 6789135818 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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Four cows are tethered at four corners of a square field of side 35 m so that they can just reach each other. What area of the field remains ungrazed?

Options :

1. ✖ 252.5 sq m

2. ✖ 162.5 sq m

3. ✖ 260.5 sq m

4. ✔ 262.5 sq m

Question Number : 19 Question Id : 6789135819 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The sum of the present ages of Nitya and Satya is 40 years. The product of their ages is 351. What are their current ages in years?

Options :

1. ✖ 28 and 12

2. ✖ 26 and 14

3. ✖ 25 and 15

4. ✔ 27 and 13

Question Number : 20 Question Id : 6789135820 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

7 April 2008 was a:

Options :

1. ✖ Sunday

2. ✔ Monday

3. ✖ Tuesday

4. ✖ Saturday

Question Number : 21 Question Id : 6789135821 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Seven children, each with the same birthday, were born in seven consecutive years. The sum of the ages of the oldest three children is 93 years. What is the sum of the ages, in years, of the youngest three?

Options :

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1. ✖ 90

2. ✖ 87

3. ✖ 84

4. ✔ 81

Question Number : 22 Question Id : 6789135822 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

If $3x^2 + ax + 7$ is perfectly divisible by $x - 1$, then the value of a is:

Options :

1. ✖ -3

2. ✖ -10.5

3. ✖ -10.6

4. ✔ -10

Question Number : 23 Question Id : 6789135823 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The median of the numbers 5, 2, 2, 7, 3 and 8 is:

Options :

1. ✖ 3

2. ✖ 3.5

3. ✔ 4

4. ✖ 4.5

Question Number : 24 Question Id : 6789135824 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

If $\sec^4 \emptyset - \sec^2 \emptyset = 5$, then $\tan^4 \emptyset + \tan^2 \emptyset$ is equal to:

Options :

1. ✖ 1

2. ✖ 2

3. ✖ 4

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4. ✔ 5

Question Number : 25 Question Id : 6789135825 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

In a class of 50 students, the ratio of boys and girls is 2:3. The average marks of boys is 60and that of girls is 70. What are the average marks of the whole class?

Options :

1. ✖ 64

2. ✖ 65

3. ✔ 66

4. ✖ 67

Question Number : 26 Question Id : 6789135826 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Find the word that does not belong to the group.

Diesel, Biogas, Petroleum, Natural gas

Options :

1. ✖ Diesel

2. ✔ Biogas

3. ✖ Petroleum

4. ✖ Natural gas

Question Number : 27 Question Id : 6789135827 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Choose the missing option.

Book : Pages :: Hand : ?

Options :

1. ✖ Nails

2. ✔ Fingers

3. ✖ Arm

4. ✖ Lines

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Question Number : 28 Question Id : 6789135828 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

In a code language, OIL is written as QKN. What is the code for COCONUT?

Options :

1. ✔ EQEQPWV

2. ✖ EQEQPWS

3. ✖ EQEQOWV

4. ✖ EQEQOWU

Question Number : 29 Question Id : 6789135829 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 word on the same basis as the second word is related to the first word.

Listen : Understand :: Rest : ?

Options :

1. ✔ Rejuvenate

2. ✖ Recreate

3. ✖ Enjoy

4. ✖ Remake

Question Number : 30 Question Id : 6789135830 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Given below are two statements followed by two conclusions numbered I and II. You have to consider the statements to be true, even if they seem to be at variance from commonly known facts. Decide which of the conclusions follow/s from the statements.

Statements

1) All flowers are petals.

2) No petal is a rose.

Conclusions:

I) All petals are flowers.

II) No rose is a flower.

Options :

1. ✖ Only conclusion I follows

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2. ✔ Only conclusion II follows

3. ✖ Both conclusions I and II follow

4. ✖ Neither conclusion I nor II follow

Question Number : 31 Question Id : 6789135831 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which of the two conclusions follows on the basis of given statements?

Statement: All the frames are Panels. No panel is a screen

Conclusions:

1. Some frames are screens.
2. No screen is a Panel

Options :

1. ✖ Only (1) follows

2. ✔ Only (2) follows

3. ✖ Either (1) or (2) follows

4. ✖ Both (1) & (2) follows

Question Number : 32 Question Id : 6789135832 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:

In a T-20 crickets match between India and Sri Lanka, the total runs made by India is 250. Out of these 180 runs were made by bowlers.

Conclusions:

1. 70 % of the team consists of bowlers
2. The strike batsmen were bowlers

Options :

1. ✖ Only conclusion 1 follows

2. ✖ Only conclusion 2 follows

3. ✖ Either 1 or 2 follows

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4. ✔ Neither 1 nor 2 follows

Question Number : 33 Question Id : 6789135833 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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

Statement: "If you want get into MBA, study in X institute," A advices B.

Assumptions:

I. Institute X is known for good coaching for getting into MBA.

II. B listens to A

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 : 6789135834 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Read the given question and choose which argument is strong.

Question:

Buying a house or flat on home loan is convenient to customers.

Arguments:

I. Yes, it is difficult for the common man to buy a home on a single instalment.

II. No, customers have to pay more interest on the loan.

Options :

1. ✔ Only argument I is strong

2. ✖ Only argument II is strong

3. ✖ Either argument I or II is strong

4. ✖ Neither arguments I nor II is strong

Question Number : 35 Question Id : 6789135835 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Consider the statement and the following arguments and decide which of the arguments is/are strong with respect to the statement.

Statement:

Should physical education be made compulsory in school curriculum?

Arguments:

I. Yes, it helps to keep a child's mind and body active

II. No, we cannot expect all children to be interested in physical activity

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 : 6789135836 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:

PZ, RX, UU, YQ, ?

Options :

1. ✖ DP

2. ✔ DL

3. ✖ LW

4. ✖ OM

Question Number : 37 Question Id : 6789135837 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

3 R # 2 A $ K 5 % T 7 & N Y + X B / L Q @ 1

If the second half is reversed then the number of symbols that are preceded by a number and followed by letter is:

Options :

1. ✖ 3

2. ✖ 0

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3. ✔ 2

4. ✖ 1

Question Number : 38 Question Id : 6789135838 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

X attempts 100 questions and gets 340 marks. If for every correct answer is 4 marks and every wrong answer is negative one mark, then the number of questions correctly answered by Mr. X is:

Options :

1. ✖ 90

2. ✔ 88

3. ✖ 86

4. ✖ 87

Question Number : 39 Question Id : 6789135839 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

In below options, three words are similar in some context and one word is different. Choose the word which is different from the rest.

Options :

1. ✔ Spider

2. ✖ Butterfly

3. ✖ Cockroach

4. ✖ Mosquito

Question Number : 40 Question Id : 6789135840 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:

Which word represents 'wet' in the code language?

Statements:

1. 'Mat is wet' is written as 'Mt e ge'.
2. 'Wet your hands' is written as 'Ge u ha'.

Options :

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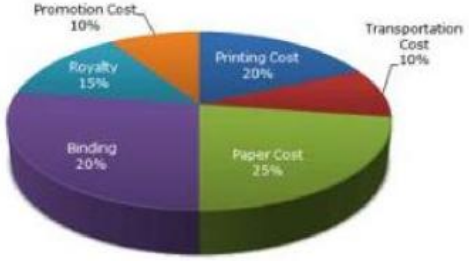
1. ✖ Statement 2 alone is sufficient.

2. ✔ Statements 1 and 2 together are sufficient.

3. ✖ Statement 1 alone is sufficient.

4. ✖ Statements 1 and 2 together are insufficient.

Question Number : 41 Question Id : 6789135841 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical



The given pie graph represents the expenditure of a publishing house in Karnataka.

The central angle of the sector corresponding to the expenditure of printing cost is _____.

Options :

1. ✔ 72°

2. ✖ 54°

3. ✖ 36°

4. ✖ 90°

Question Number : 42 Question Id : 6789135842 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

After distributing the chocolates equally among 25 students, 8 chocolates remain. Had the number of students been 28, 22 chocolates would have been left after equal distribution. What was the total number of chocolates?

Options :

1. ✖ 356

2. ✔ 358

3. ✖ 385

4. ✖ 365

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Question Number : 43 Question Id : 6789135843 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:

What is the total age of the brothers 20 years from now?

Statements:

1. Nakul is 12 years old now.
2. Vimal's age is thrice that of one-fourth of the age of Nakul.

Options :

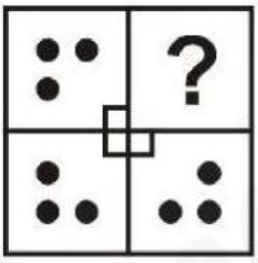
1. ✖ Statement 1 alone is sufficient.

2. ✖ Statement 2 alone is sufficient.

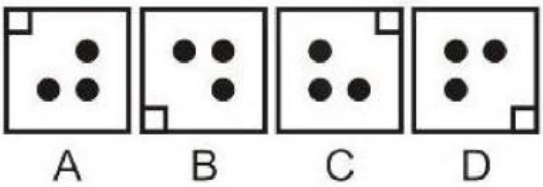
3. ✖ Statements 1 and 2 together are not sufficient.

4. ✔ Statements 1 and 2 together are sufficient.

Question Number : 44 Question Id : 6789135844 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical



The figure that fit the blank place is:



Options :

1. ✖ A

2. ✔ B

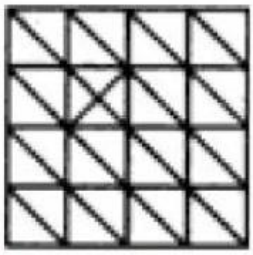
3. ✖ C

4. ✖ D

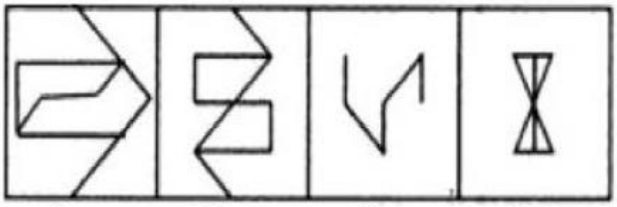
Question Number : 45 Question Id : 6789135845 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which of the answer figures is embedded in the given problem figure?

Problem figure:



Answer figures:



Options :

1. ✖ A

2. ✖ B

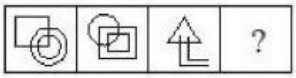
3. ✔ C

4. ✖ D

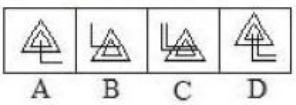
Question Number : 46 Question Id : 6789135846 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Find the next figure in the given series.

Problem figures:



Answer figures:



Options :

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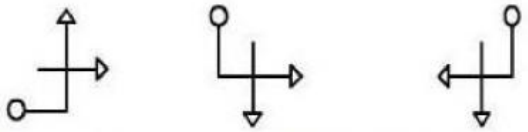
1. ✖ A

2. ✔ B

3. ✖ C

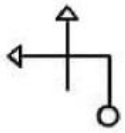
4. ✖ D

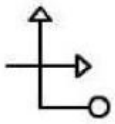
Question Number : 47 Question Id : 6789135847 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

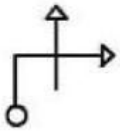


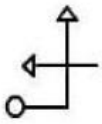
Choose the correct picture which comes next in the sequence of the above pictures

Options :

1. ✔ 

2. ✖ 

3. ✖ 

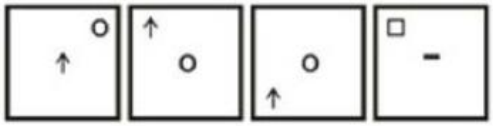
4. ✖ 

Question Number : 48 Question Id : 6789135848 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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Choose the correct picture from the below options which comes next in the sequence of the above five pictures.



A B C D

Options :

1. ✖ A

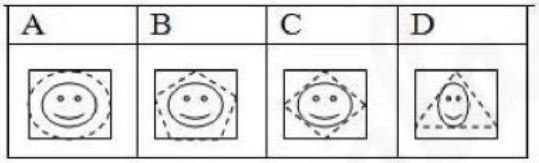
2. ✖ B

3. ✔ C

4. ✖ D

Question Number : 49 Question Id : 6789135849 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. ✔ A

2. ✖ B

3. ✖ C

4. ✖ D

Question Number : 50 Question Id : 6789135850 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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

Statement:

"Do not smoke inside the factory, this is a safety requirement" – A notice.

Assumptions:

I. Workers generally do not pay heed to such notices.

II. Safety inside a factory is desirable.

Options :

1. ✖ Only assumption I is implicit

2. ✔ Only assumption II is implicit

3. ✖ Either I or II is implicit

4. ✖ Neither I nor II is implicit

Question Number : 51 Question Id : 6789135851 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Find the number of squares in the following figure.



Options :

1. ✖ 9

2. ✔ 14

3. ✖ 16

4. ✖ 27

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Question Number : 52 Question Id : 6789135852 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

50 students enrol for three different software training courses. 20 opt for course 1and 2. 30 opt for course 2 and 3. 15 opt for course 1 and 3. The number of students who took only course 1 and only 2 was 20 each and only course 3 was 5. How many students took all the three courses?

Options :

1. ✔ 30

2. ✖ 25

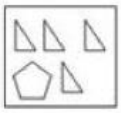
3. ✖ 37

4. ✖ 35

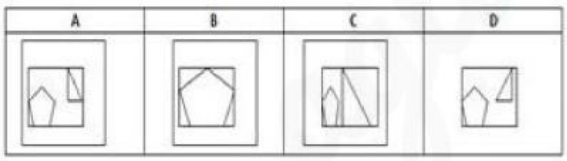
Question Number : 53 Question Id : 6789135853 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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

4. ✖ D

Question Number : 54 Question Id : 6789135854 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Vindhya and Suma were playing caroms seated in standard carroms seating arrangement. If Suma is facing in the west direction, then her opponent Vindhya was facing in which direction?

Options :

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1. ✖ West

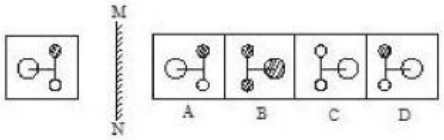
2. ✔ East

3. ✖ North

4. ✖ South

Question Number : 55 Question Id : 6789135855 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 : 6789135856 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The SI unit of weight is the same as that of _____.

Options :

1. ✖ momentum

2. ✖ mass

3. ✔ force

4. ✖ acceleration

Question Number : 57 Question Id : 6789135857 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Taking off of a rocket can be explained by:

Options :

1. ✖ 1^{st} law of motion

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2. ✖ 2^{nd} law of motion

3. ✖ Law of conservation of energy

4. ✔ Law of conservation of momentum

Question Number : 58 Question Id : 6789135858 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

If a body, in translatory motion, moves along a curved path, then the motion is called _____.

Options :

1. ✔ curvilinear motion

2. ✖ rectilinear motion

3. ✖ periodic motion

4. ✖ simple harmonic motion

Question Number : 59 Question Id : 6789135859 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

A planet has a radius and a mass both half of those of the earth. The value of g on that planet will be:

Options :

1. ✖ $4.9\ m/s^2$

2. ✖ $9.8\ m/s^2$

3. ✔ $19.6\ m/s^2$

4. ✖ $39.2\ m/s^2$

Question Number : 60 Question Id : 6789135860 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

_____ has only magnitude and NO direction.

Options :

1. ✖ Force

2. ✖ Momentum

3. ✔ Work

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4. ✖ Displacement

Question Number : 61 Question Id : 6789135861 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Potential energy and kinetic energy are types of:

Options :

1. ✖ electrical energy

2. ✖ chemical energy

3. ✖ nuclear energy

4. ✔ mechanical energy

Question Number : 62 Question Id : 6789135862 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which one is INCORRECT regarding kinetic energy?

Options :

1. ✖ Bodies in motion have Kinetic Energy.

2. ✖ Energy possessed by a body by virtue of its motion is known as Kinetic Energy.

3. ✖ It is calculated by $\text{K.E} = \frac{1}{2}(mv^2)$

4. ✔ Energy in a body at rest is part of kinetic energy.

Question Number : 63 Question Id : 6789135863 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Loudness of sound can be measured in _____.

Options :

1. ✖ Echo

2. ✖ Hertz

3. ✔ Decibels

4. ✖ Frequency

Question Number : 64 Question Id : 6789135864 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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For how long does the sensation of sound persist in the human brain?

Options :

1. ✔ 0.1 s

2. ✖ 0.2 s

3. ✖ 0.001 s

4. ✖ 10 s

Question Number : 65 Question Id : 6789135865 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

How many types of electrical (circuit) connections are there?

Options :

1. ✖ One

2. ✔ Two

3. ✖ Three

4. ✖ Four

Question Number : 66 Question Id : 6789135866 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

An electric circuit comprises of:

Options :

1. ✖ electrical component(s) and connecting wires

2. ✖ electrical component(s), connecting wires and plug key

3. ✔ electrical component(s), connecting wires, cell (battery) and plug key

4. ✖ electrical component(s), connecting wires and cell (battery)

Question Number : 67 Question Id : 6789135867 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

How many moles are present in 64 g of He?

Options :

1. ✖ 10 moles

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2. ✖ 15 moles

3. ✔ 16 moles

4. ✖ 25 moles

Question Number : 68 Question Id : 6789135868 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

A group of atoms carrying a charge is known as a _____ ion.

Options :

1. ✖ mono atomic

2. ✖ diatomic

3. ✖ tetra atomic

4. ✔ polyatomic

Question Number : 69 Question Id : 6789135869 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Why is solid CO_2 called dry ice?

Options :

1. ✖ It is dry but cool.

2. ✔ It converts directly into gaseous state when the pressure decreases to 1 atmosphere.

3. ✖ It is the isotope of CO_2.

4. ✖ It converts directly into gaseous state if refrigerated.

Question Number : 70 Question Id : 6789135870 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The pH value of a neutral solution is:

Options :

1. ✖ 0

2. ✖ 6

3. ✔ 7

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4. ✖ 8

Question Number : 71 Question Id : 6789135871 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which one is NOT true of base?

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

Options :

1. Furnishes OH^- in aqueous medium/molten state

2. Sour in taste

3. Turns red litmus blue

4. Reacts with metals to produce $H_2(g)$ and salt

Question Number : 72 Question Id : 6789135872 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

_____ is a good conductor of electricity.

Options :

1. ✖ Neon

2. ✖ Phosphorous

3. ✔ Graphite

4. ✖ Carbon

Question Number : 73 Question Id : 6789135873 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Alkynes, unsaturated hydrocarbon containing a triple bond between two carbon atoms, have a general formula, which is _____.

Options :

1. ✖ C_nH_{2n+2}

2. ✖ C_nH_{2n-1}

3. ✖ C_nH_{2n}

4. ✔ C_nH_{2n-2}

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Question Number : 74 Question Id : 6789135874 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which of the following always increases while going from top to bottom in a group?

Options :

1. ✖ Electronegativity

2. ✖ Oxidising power

3. ✖ Tendency to get reduced

4. ✔ Metallic character

Question Number : 75 Question Id : 6789135875 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which of the following represents the electronic configuration of the most electropositive element?

Options :

1. ✖ $[He]2s^1$

2. ✔ $[Xe]6s^1$

3. ✖ $[He]2s^2$

4. ✖ $[Xe]2s^2$

Question Number : 76 Question Id : 6789135876 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

_____ have a three-chambered heart.

Options :

1. ✖ Fishes

2. ✔ Amphibians

3. ✖ Birds

4. ✖ Reptiles

Question Number : 77 Question Id : 6789135877 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which of the following is NOT a characteristic of Vertebrata?

Options :

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1. ✖ Bilateral symmetry

2. ✖ Internal skeleton

3. ✔ Radial symmetry

4. ✖ Notochord

Question Number : 78 Question Id : 6789135878 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which of the following is the vein that collects blood from the anterior parts of the body?

Options :

1. ✔ Superior Vena Cava

2. ✖ Inferior Vena Cava

3. ✖ Aorta

4. ✖ Ventricles

Question Number : 79 Question Id : 6789135879 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

_____ serves as a nutritive tissue for the growing embryo.

Options :

1. ✖ Zygote

2. ✔ Endosperm

3. ✖ Ovule

4. ✖ Ovary

Question Number : 80 Question Id : 6789135880 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which of the following plants DOES NOT reproduce asexually?

Options :

1. ✖ Onion

2. ✖ Potato

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3. ✔ Sweet Potato

4. ✖ Ginger

Question Number : 81 Question Id : 6789135881 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The game of football was introduced in India by the Britishers in the year:

Options :

1. ✖ 1820

2. ✔ 1848

3. ✖ 1832

4. ✖ 1838

Question Number : 82 Question Id : 6789135882 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The first global cricket academy in the UAE was inaugurated by:

Options :

1. ✖ Rahul Dravid

2. ✔ M S Dhoni

3. ✖ Sunil Gavaskar

4. ✖ Sachin Tendulkar

Question Number : 83 Question Id : 6789135883 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

With which sport is the 'Murugappa Gold Cup' associated?

Options :

1. ✖ Ice-skating

2. ✖ Cricket

3. ✔ Hockey

4. ✖ Swimming

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Question Number : 84 Question Id : 6789135884 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Eminent Konkani writer Mahabaleshwar Sail has been honoured with the Saraswati Samman 2016 Award for his novel _____.

Options :

1. ✖ Paltadcho Munis

2. ✖ Yug Sanvar

3. ✔ Hawthan

4. ✖ Vikhar Vilkho

Question Number : 85 Question Id : 6789135885 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

What is the title of Akhil Sharma's 2017 book – a collection of eight masterful stories that focus on Indian protagonists at home?

Options :

1. ✔ 'A Life of Adventure and Delight'

2. ✖ 'Family Life'

3. ✖ 'An Obedient Father'

4. ✖ 'I am a Failure'

Question Number : 86 Question Id : 6789135886 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which film has won the Best Educational film award in the National awards, 2017?

Options :

1. ✖ Placebo

2. ✖ Rustom

3. ✔ The Waterfall

4. ✖ Neerja

Question Number : 87 Question Id : 6789135887 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Who is the chairman of Press Trust of India?

Options :

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1. ✔ Viveck Goenka

2. ✖ Sameer Jain

3. ✖ Riyad Mathew

4. ✖ N. Ravi

Question Number : 88 Question Id : 6789135888 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Nirmala Sitharaman became the first full-time female _____ of India after she was promoted to the Union Cabinet.

Options :

1. ✖ Home minister

2. ✔ Defence minister

3. ✖ Education minister

4. ✖ Health minister

Question Number : 89 Question Id : 6789135889 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

When is National Navy Day celebrated in India?

Options :

1. ✔ December 4^{th}

2. ✖ July 15^{th}

3. ✖ November 12^{th}

4. ✖ December 12^{th}

Question Number : 90 Question Id : 6789135890 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Who was the first woman to be the defence minister of India?

Options :

1. ✖ Sarojini Naidu

2. ✖ Sushma Swaraj

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3. ✔ Indira Gandhi

4. ✖ Mamta Banerjee

Question Number : 91 Question Id : 6789135891 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

_____ government has signed a MoU with the Bill and Melinda Gates Foundation for agricultural transformation.

Options :

1. ✖ Karnataka

2. ✔ Odisha

3. ✖ Maharashtra

4. ✖ Andhra Pradesh

Question Number : 92 Question Id : 6789135892 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which state does the Indian political leader Om Prakash Chautala hail from?

Options :

1. ✖ Mizoram

2. ✖ Assam

3. ✖ Meghalaya

4. ✔ Haryana

Question Number : 93 Question Id : 6789135893 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Who is the supreme commander of the Indian Armed Forces?

Options :

1. ✔ The President of India

2. ✖ The Prime Minister of India

3. ✖ The Home Minister of India

4. ✖ The Defence Minister of India

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Question Number : 94 Question Id : 6789135894 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The Subsidiary Alliance, one of the most significant policies put into practice to expand British territory in India, was introduced by _____.

Options :

1. ✔ Lord Wellesley

2. ✖ Lord Dalhousie

3. ✖ Lord William

4. ✖ Lord Cornwallis

Question Number : 95 Question Id : 6789135895 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The Sur Dynasty was founded by Sher Shah who ruled from _____.

Options :

1. ✖ 1530 to 1545

2. ✖ 1535 to 1545

3. ✔ 1540 to 1545

4. ✖ 1538 to 1545

Question Number : 96 Question Id : 6789135896 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Chail Wildlife Sanctuary is situated in _____.

Options :

1. ✖ Uttarakhand

2. ✔ Himachal Pradesh

3. ✖ Punjab

4. ✖ Delhi

Question Number : 97 Question Id : 6789135897 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Rishikesh is a city located in _____ district in the Indian state of Uttarakhand.

Options :

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1. ✖ Rudrapur

2. ✖ Nainital

3. ✔ Dehradun

4. ✖ Roorkie

Question Number : 98 Question Id : 6789135898 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Education is a function of which ministry of the Government of India?

Options :

1. ✖ Home affairs

2. ✔ Human Resource Development

3. ✖ Finance

4. ✖ Health & Family welfare

Question Number : 99 Question Id : 6789135899 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The Food safety and Standards Act was passed in which year in India?

Options :

1. ✖ 2000

2. ✖ 2003

3. ✔ 2006

4. ✖ 2009

Question Number : 100 Question Id : 6789135900 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The fullform of BPLR is _____.

Options :

1. ✖ Below Poverty Line Ratio

2. ✖ Below Poverty Lending Rate

3. ✖ Base Prime Lending Rate

4. ✔ Benchmark Price Lending Rate

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