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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 3rd Oct 2018 Shift3
Subject Name:	Level 1
Duration:	90
Total Marks:	100
Display Marks:	No
Share Answer Key With Delivery Engine:	Yes
Actual Answer Key:	Yes
Calculator:	None
Magnifying Glass Required?:	No
Ruler Required?:	No
Eraser Required?:	No
Scratch Pad Required?:	No
Rough Sketch/Notepad Required?:	No
Protractor Required?:	No
Show Watermark on Console?:	No
Highlighter:	No
Auto Save on Console?:	No

Display Number Panel:	Yes
Group All Questions:	No

Question Number : 1 Question Id : 6789131801 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which of the following will give a terminating decimal?

Options :

1. ✖ $\frac{3}{72}$

2. ✖ $\frac{6}{72}$

3. ✔ $\frac{9}{72}$

4. ✖ $\frac{12}{72}$

Question Number : 2 Question Id : 6789131802 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

If $31 \times 23 = 713$, then $310 \times 0.023 = ?$

Options :

1. ✖ 71.3

2. ✖ 0.713

3. ✔ 7.13

4. ✖ 0.0713

Question Number : 3 Question Id : 6789131803 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Rabi had ₹ 713.39 in his bank account. He deposited some money in his bank account and withdrew money to pay for five shirts each costing ₹ 123.79. If the remaining balance of his account is ₹ 545.19, how much did he deposit?

Options :

1. ✖ ₹ 448

2. ✖ ₹ 460.70

3. ✔ ₹ 450.75

4. ✖ ₹ 459.50

Question Number : 4 Question Id : 6789131804 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

6 kg 5 g = ?

Options :

1. ✖ 6.5 kg

2. ✖ 6.05 kg

3. ✔ 6.005 kg

4. ✖ 0.65 kg

Question Number : 5 Question Id : 6789131805 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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A fraction when taken away from $\frac{1}{6}$ gives $\frac{1}{13}$. What is the fraction?

Options :

1. ✖ $\frac{1}{7}$

2. ✖ $\frac{11}{39}$

3. ✔ $\frac{7}{78}$

4. ✖ $\frac{5}{13}$

Question Number : 6 Question Id : 6789131806 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Find the value of $\sqrt{0.9}$

Options :

1. ✔ 0.948

2. ✖ 0.958

3. ✖ 0.894

4. ✖ 0.598

Question Number : 7 Question Id : 6789131807 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

$156 \div [47 + \{105 \div (25 - 120 \div \overline{6 \times 5})\}] =$

Options :

1. ✖ 1

2. ✔ 3

3. ✖ 5

4. ✖ 7

Question Number : 8 Question Id : 6789131808 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

x and y, given correct to 1 decimal place, are given as 4.5 and 2.4 respectively. What is the upper bound of the value of $x - y$?

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

Options :

1. 2.1

2. 2.2

3. 2.15

4. 2.25

Question Number : 9 Question Id : 6789131809 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

At 5.25% simple interest per annum ₹ 3250 will earn how much interest in 8 years?

Options :

1. ✖ ₹ 1,425

2. ✔ ₹ 1,365

3. ✖ ₹ 1,395

4. ✖ ₹ 1,465

Question Number : 10 Question Id : 6789131810 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Find the fourth proportional of 3, 4 and 9.

Options :

1. ✖ 11

2. ✔ 12

3. ✖ 16

4. ✖ 10

Question Number : 11 Question Id : 6789131811 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

A number was divided in the ratio 7 : 11. When 6 was added to each of the numbers the ratio changed to 5 : 7. The greater of the two initial numbers was:

Options :

1. ✖ 44

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2. ✖ 33

3. ✔ 22

4. ✖ 11

Question Number : 12 Question Id : 6789131812 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

At 8% simple interest per annum, a sum of money became ₹ 924 in $6\frac{3}{4}$ years. The sum initially invested was:

Options :

1. ✔ ₹ 600

2. ✖ ₹ 675

3. ✖ ₹ 650

4. ✖ ₹ 626

Question Number : 13 Question Id : 6789131813 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

A train can finish its journey in 10 hours at the speed of 48 km/hr. If the same distance has to be covered in 8 hours, what should be the speed of the train?

Options :

1. ✖ 45 km/hr

2. ✖ 50 km/hr

3. ✖ 55 km/hr

4. ✔ 60 km/hr

Question Number : 14 Question Id : 6789131814 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

A train is travelling at a certain speed from its originating station. After 2 hours, another train starts from the same station and travels at a speed of 70 km/h in the same direction as the previous train and catches up with the first train after 5 hours. What is the speed of the first train in km/h?

Options :

1. ✖ 40

2. ✔ 50

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3. ✖ 45

4. ✖ 55

Question Number : 15 Question Id : 6789131815 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

30 men can complete a piece of work in 12 days. How many days will 40 men take to complete the same work?

Options :

1. ✔ 9

2. ✖ 8

3. ✖ 10

4. ✖ 6

Question Number : 16 Question Id : 6789131816 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

A right circular cylindrical jar with a radius of 14 cm has some water. If a solid spherical ball of radius 5.6 cm is dropped in the jar and the ball is fully submerged, then calculate the approximate rise in the height of the water level in the jar.

Options :

1. ✖ 9.0 cm

2. ✖ 1.0 cm

3. ✖ 1.1 cm

4. ✔ 1.2 cm

Question Number : 17 Question Id : 6789131817 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

What day would it be on 31st March 2020?

Options :

1. ✖ Sunday

2. ✖ Monday

3. ✖ Saturday

4. ✔ Tuesday

Question Number : 18 Question Id : 6789131818 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 daughter and mother is 50 years. After 5 years, the age of the mother will be four times that of the daughter. What is the present age of the daughter?

Options :

1. ✔ 7 years

2. ✖ 10 years

3. ✖ 12 years

4. ✖ 15 years

Question Number : 19 Question Id : 6789131819 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

A pipe, working at full speed, can fill an empty cistern in 2 hours. However, during the first hour it worked at one-twelfth of its capacity, during the second hour at one-ninth of its capacity, during the third hour at one-sixth of its usual capacity, during the fourth hour at one-fourth of its usual capacity and during the fifth hour it was only one-third as efficient as it was supposed to be. A second pipe also displayed similar performance, but if it worked at full speed would have filled the empty cistern in 4 hours. Together with a drain pipe that drained water out of the tank at a constant rate, half of the empty cistern could be filled in 5 hours, all the three pipes working concurrently. How many hours would it take the drain pipe to empty the filled cistern if no other pipe was functioning during the time?

Options :

1. ✖ 20

2. ✔ 24

3. ✖ 30

4. ✖ 32

Question Number : 20 Question Id : 6789131820 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The dimensions of a rectangular box are in the ratio 2 : 3 : 5. If its total surface area is 6200 sq.cm., then find the dimensions of the cuboid?

Options :

1. ✖ $20cm \times 30cm \times 40cm$

2. ✔ $20cm \times 30cm \times 50cm$

3. ✖ $20cm \times 40cm \times 50cm$

4. ✖ $30cm \times 40cm \times 50cm$

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Question Number : 21 Question Id : 6789131821 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Find the median for the following set of numbers:
15, 27, 10, 18, 13, 13, 16, 20, 12, 11, 15

Options :

1. ✖ 13

2. ✖ 16

3. ✔ 15

4. ✖ 18

Question Number : 22 Question Id : 6789131822 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

If $a + \frac{1}{a} = 5$, then $a^3 + \frac{1}{a^3} = ?$

Options :

1. ✖ 130

2. ✖ 120

3. ✖ 140

4. ✔ 110

Question Number : 23 Question Id : 6789131823 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

If $6x^2 + 2kx + k = 0$ has no solution, then the value of k will satisfy:

Options :

1. ✖ $k > -6$

2. ✔ $0 < k < 6$

3. ✖ $k < 6$

4. ✖ $k > 6$

Question Number : 24 Question Id : 6789131824 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

If $4\cot\theta = 5$, then find the value of $\frac{(5\sin\theta + 3\cos\theta)}{(5\sin\theta - 3\cos\theta)}$

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Options :

1. ✖ 4

2. ✖ 3

3. ✔ 7

4. ✖ 9

Question Number : 25 Question Id : 6789131825 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The sum of the interior angles of a regular octagon is:

Options :

1. ✔ 1080

2. ✖ 900

3. ✖ 720

4. ✖ 540

Question Number : 26 Question Id : 6789131826 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Select the term that relates to the third term in the same way that the second term relates to the first term.

India : Rupee :: UK : ?

Options :

1. ✔ Pound

2. ✖ Yen

3. ✖ Dinar

4. ✖ Lira

Question Number : 27 Question Id : 6789131827 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

How is Suman's sisters only brother's father's mother related to Suman?

Options :

1. ✖ Sister

2. ✔ Paternal Grandmother

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3. ✖ Mother

4. ✖ Aunt

Question Number : 28 Question Id : 6789131828 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

If BASKET is written as ABKSTE. How is ACTIVE written in that code?

Options :

1. ✖ CAEVTU

2. ✖ ACVET

3. ✔ CAITEV

4. ✖ ITCUA

Question Number : 29 Question Id : 6789131829 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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

Statements:

I. All boys are singers.

II. Some singers are trained.

Conclusions:

1. All singers are boys.
2. Some boys are trained.

Options :

1. ✖ Conclusion 1 alone follows.

2. ✖ Both 1 and 2 follows.

3. ✖ Conclusion 2 alone follows.

4. ✔ Neither 1 nor 2 follows.

Question Number : 30 Question Id : 6789131830 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.

Work : Office :: Exercise :

Options :

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1. ✖ Weight-loss

2. ✖ Walk

3. ✔ Gym

4. ✖ Swim

Question Number : 31 Question Id : 6789131831 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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

Statement:

1. Some albums are photos.
2. All the photos are frames.

Conclusions:

1. Some albums are frames
2. No photos is albums

Options :

1. ✔ Only (1) follows

2. ✖ Only (2) follows

3. ✖ Either (1) or (2) follows

4. ✖ Both (1) and (2) follows

Question Number : 32 Question Id : 6789131832 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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

Statement: He is one of the top designers in the world.

Conclusions:

I. There are many other good designers in the world.

II. He is ranked 3rd among the other designers.

Options :

1. ✔ Only conclusion I follows

2. ✖ Only conclusion II follows

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3. ✖ Neither I nor II follows

4. ✖ Both I and II follow

Question Number : 33 Question Id : 6789131833 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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

Statement: A biometric system at office is a good tool to implement punctuality among the employees. Ethics are important at work place.

Assumptions:

I. Biometric alone does not create punctuality among employees

II. Work place ethics play an important role in creating punctuality and discipline.

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 : 6789131834 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 seniority be the only criteria for promotion in a company?

Argument:

1. Yes, without senior people no company can function smoothly
2. No, It leads to hypocrisy and partiality

Options :

1. ✖ Only argument 1 is strong

2. ✔ Only argument 2 is strong

3. ✖ Either argument 1or 2 is strong

4. ✖ Neither argument 1and 2 is strong

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Question Number : 35 Question Id : 6789131835 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:

Public should not feed animals in the zoo.

Arguments:

I. Yes, it is prohibited to ensure safety of onlookers.

II. No, it is fun to feed animals.

Options :

1. ✖ Both I and II are strong.

2. ✖ Only argument II is strong.

3. ✖ Neither I nor II is strong.

4. ✔ Only argument I is strong.

Question Number : 36 Question Id : 6789131836 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

1, 8, 27, 64, _____, 216, …..

The missing term in the number series is:

Options :

1. ✔ 125

2. ✖ 120

3. ✖ 128

4. ✖ 180

Question Number : 37 Question Id : 6789131837 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

If ÷ means ×, × means +, + means – and – means ÷ , find the value of $28 \times 3 + 12 - 4 \div 10$

Options :

1. ✔ 1

2. ✖ 4

3. ✖ 2

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4. ✖ 5

Question Number : 38 Question Id : 6789131838 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

6 7 4 8 5 8 8 4 8 3 2 5 8 6 7 8 3 8

Using the above sequence find the number that does not belong to the group.

688, 426, 542, 268

Options :

1. ✖ 688

2. ✖ 426

3. ✖ 542

4. ✔ 268

Question Number : 39 Question Id : 6789131839 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Find the missing information

AZBY, CXDW, EVFU, _____, IRJQ

Options :

1. ✖ GSHT

2. ✔ GTHS

3. ✖ GWHX

4. ✖ GRHS

Question Number : 40 Question Id : 6789131840 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The following chart shows the results of three athletic academies in the district level selections for three years.

Academy	2012	2013	2014
A	2	3	4
B	1	5	2
C	3	7	9

How many athletes from academy 'B' passed the district level selection in the three years?

Options :

1. ✖ 1

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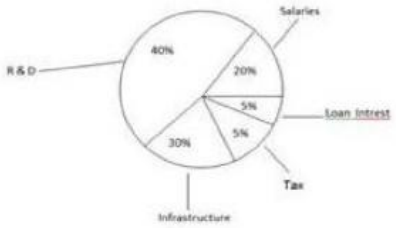
2. ✔ 8

3. ✖ 5

4. ✖ 2

Question Number : 41 Question Id : 6789131841 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The following pie chart shows the expenditure of company XYZ in Q3 2015 on various heads.



If company XYZ has spent a total of ₹ 100 lakh crores, then how much did it spent on salaries of employees?

Options :

1. ✖ 2.5 lakh crores

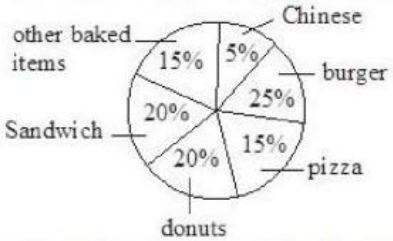
2. ✖ 5 lakh crores

3. ✖ 10 lakh crores

4. ✔ 20 lakh crores

Question Number : 42 Question Id : 6789131842 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The following pie diagram shows information on the sales of different types of food items by restaurant XYZ.



The total revenue made by the restaurant in NOV 2017 was ₹ 35 lakhs.

What type of food items offered has given least revenue to the restaurant XYZ?

Options :

1. ✖ Burgers

2. ✖ Donuts

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3. ✖ Sandwich

4. ✔ Chinese food items

Question Number : 43 Question Id : 6789131843 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:
What is Vimala's age?

Statements:
I. Vimala, Kamala and Amala are all of the same age.
II. Total age of Vimala, Kamala and Amala is 32 years and Amala is as old as Vimala and Kamala together.

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

Options :

1. Data in I alone is sufficient

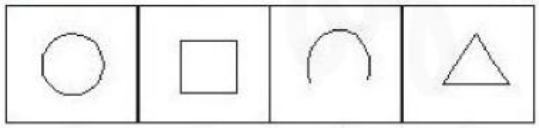
2. Data in II alone is sufficient

3. Data either in I alone or II alone is sufficient

4. Data in both I and II together are necessary.

Question Number : 44 Question Id : 6789131844 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

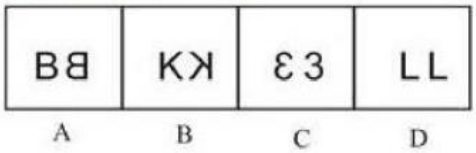
3. ✔ C

4. ✖ D

Question Number : 45 Question Id : 6789131845 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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Find the Odd one out:



A B C D

Options :

1. ✖ A

2. ✖ B

3. ✖ C

4. ✔ D

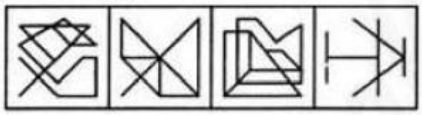
Question Number : 46 Question Id : 6789131846 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The given problem figure is embedded in one of the given answer figures. Which is that answer figure?

Problem figure:



Answer figure:



A B C D

Options :

1. ✔ A

2. ✖ B

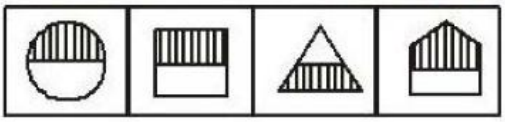
3. ✖ C

4. ✖ D

Question Number : 47 Question Id : 6789131847 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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Find the odd one out from among the given figures.



A B C D

Options :

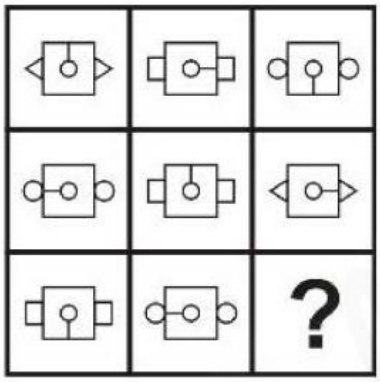
1. ✖ A

2. ✖ B

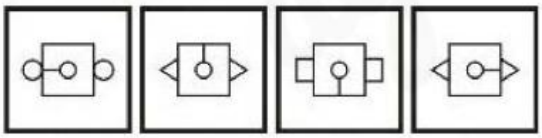
3. ✔ C

4. ✖ D

Question Number : 48 Question Id : 6789131848 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical



From the below options, choose the correct picture that fits the blank space in the above figure.



A B C D

Options :

1. ✖ A

2. ✔ B

3. ✖ C

4. ✖ D

Question Number : 49 Question Id : 6789131849 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

When seen through a mirror, the clock shows 9 : 30 as the time. What is the actual time?

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

Options :

1. 6 : 30

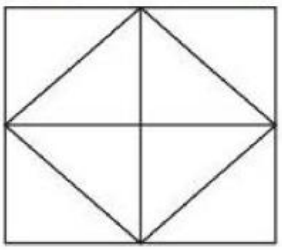
2. 8 : 30

3. 3 : 30

4. 11 : 30

Question Number : 50 Question Id : 6789131850 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Find the number of pentagons in the given figure.



Options :

1. ✖ 16

2. ✔ 12

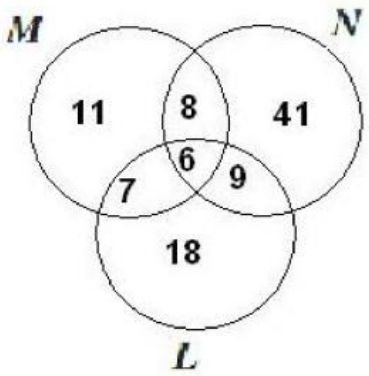
3. ✖ 4

4. ✖ 8

Question Number : 51 Question Id : 6789131851 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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The above Venn diagram represent the students who play 3 sports M, N and L in a class.

The total number of students who play at least two games is:

Options :

1. ✖ 28

2. ✖ 35

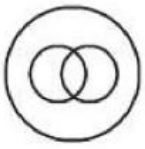
3. ✔ 30

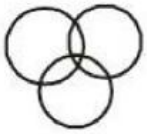
4. ✖ 31

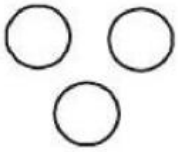
Question Number : 52 Question Id : 6789131852 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Choose the best suitable Venn diagram for the following words: Science, Physics, Biology

Options :

1. ✖ 

2. ✖ 

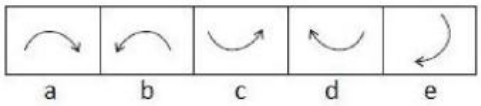
3. ✖ 

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4. ✔ 

Question Number : 53 Question Id : 6789131853 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Raghu drawn five different curves, out of the five figures marked (a), (b), (c), (d) and (e), four are similar in a certain manner. However one figure is not like the other four. Choose the figure which is different from the rest.



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

Options :

1. e

2. a

3. b

4. d

Question Number : 54 Question Id : 6789131854 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Nandan is facing towards the west. He turns 135° in the clockwise direction and then 45° in the anti-clockwise direction. In which direction is he facing now?

Options :

1. ✔ North

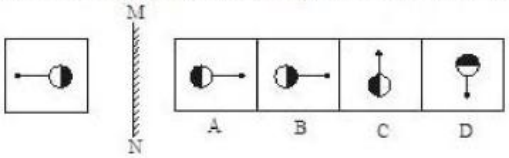
2. ✖ South

3. ✖ East

4. ✖ West

Question Number : 55 Question Id : 6789131855 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:



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Options :

1. ✔ A

2. ✖ B

3. ✖ C

4. ✖ D

Question Number : 56 Question Id : 6789131856 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Ram swims in a 104 m long pool. He covers 208 m in one minute by swimming from one end to the other and back along the same straight path. Find his average speed.

Options :

1. ✖ $2.5\ ms^{-1}$

2. ✔ $3.47\ ms^{-1}$

3. ✖ $2\ ms^{-1}$

4. ✖ $3.0\ ms^{-1}$

Question Number : 57 Question Id : 6789131857 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The SI unit of retardation is _____.

Options :

1. ✖ ms^{-1}

2. ✔ ms^{-2}

3. ✖ ms^{2}

4. ✖ ms

Question Number : 58 Question Id : 6789131858 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The mass of an object is 20 kg. What would be its weight on the Earth (take $g = 10ms^{-2}$).

Options :

1. ✖ 200 W

2. ✖ 200 Kg

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3. ✔ 200 N

4. ✖ 200 Pa

Question Number : 59 Question Id : 6789131859 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

A car falls off a ledge and drops to the ground in 0.5 s. Let g = 10 ms^{-2} . What is its speed on striking the ground?

Options :

1. ✖ 10 ms^{-2}

2. ✖ 5 ms^{-2}

3. ✖ 10 ms^{-1}

4. ✔ 5 ms^{-1}

Question Number : 60 Question Id : 6789131860 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Work done on an object does NOT depend upon which of the following?

Options :

1. ✖ Displacement

2. ✖ Angle between force and displacement

3. ✖ Force applied

4. ✔ Mass of the object

Question Number : 61 Question Id : 6789131861 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

A porter lifts a luggage of 11 kg from the ground and puts it on his head 1.5 m above the ground. Calculate the work done by him on the luggage. (g =10ms^{-2})

Options :

1. ✖ 155 J

2. ✖ 150 J

3. ✔ 165 J

4. ✖ 100 N

Question Number : 62 Question Id : 6789131862 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

A certain household has consumed 100 units in 5 days. How much energy is this when converted to joules?

Options :

1. ✖ 360×10^{8} J

2. ✖ 360×10^{-8} J

3. ✔ 3.6×10^{8} J

4. ✖ 3.6×10^{-8} J

Question Number : 63 Question Id : 6789131863 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Who laid the foundation for the future development of radio, telephone, telegraph and even television?

Options :

1. ✖ Albert Einstein

2. ✖ Michael Faraday

3. ✖ Joseph John Thomson

4. ✔ Heinrich Rudolf Hertz

Question Number : 64 Question Id : 6789131864 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which of the following has NO unit?

Options :

1. ✖ Focal length

2. ✖ Power of lens

3. ✖ Power of accommodation

4. ✔ Magnification

Question Number : 65 Question Id : 6789131865 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Ampere is the SI unit of _____.

Options :

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1. ✖ potential difference

2. ✖ electric charge

3. ✔ electric current

4. ✖ resistance

Question Number : 66 Question Id : 6789131866 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Ohm's law states the relation between _____ and _____.

Options :

1. ✖ electric current, electric charge

2. ✔ potential difference, electric current

3. ✖ potential difference, electric charge

4. ✖ electric charge, time

Question Number : 67 Question Id : 6789131867 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which of the following scientists showed that matter can be transformed into energy and energy into matter?

Options :

1. ✖ Jacques Charles

2. ✖ Robert Boyle

3. ✔ Albert Einstein

4. ✖ Joseph Proust

Question Number : 68 Question Id : 6789131868 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The chemical formula of sodium carbonate is:

Options :

1. ✖ $NaCO_2$

2. ✖ Na_2CO_2

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3. ✖ Na_3CO_2

4. ✔ Na_2CO_3

Question Number : 69 Question Id : 6789131869 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which of the following statements is/are true?

A. Solid CO_2 is known as dry ice.

B. Solid carbon dioxide gets converted directly to liquid state.

C. Solid CO_2 gets converted directly to gaseous state.

Options :

1. ✔ A and C are true, B is false

2. ✖ A and C are false, B is true

3. ✖ All are true

4. ✖ All are false

Question Number : 70 Question Id : 6789131870 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

_____ gas is used to prevent the chips from getting oxidised.

Options :

1. ✔ N_2

2. ✖ O_2

3. ✖ H_2

4. ✖ Cl_2

Question Number : 71 Question Id : 6789131871 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

In the following chemical reaction, what product is represented by X?

$CaCO3 \rightarrow heat \rightarrow CaO + X$

Options :

1. ✖ CO

2. ✔ CO_2

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3. ✖ H_2O

4. ✖ O_3

Question Number : 72 Question Id : 6789131872 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

_____ does NOT react with Dilute HCl.

Options :

1. ✖ Magnesium

2. ✔ Copper

3. ✖ Aluminium

4. ✖ Zinc

Question Number : 73 Question Id : 6789131873 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which of the following compounds is less reactive?

Options :

1. ✖ Ethene

2. ✖ Ethyne

3. ✔ Propane

4. ✖ Propene

Question Number : 74 Question Id : 6789131874 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Mendeleev's periodic table was published in a German journal in _____.

Options :

1. ✖ 1871

2. ✔ 1872

3. ✖ 1873

4. ✖ 1874

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Question Number : 75 Question Id : 6789131875 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

An element with electronic configuration 2,8,8,2 is placed in period _____ in the Modern periodic table.

Options :

1. ✖ 12

2. ✖ 10

3. ✖ 3

4. ✔ 4

Question Number : 76 Question Id : 6789131876 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Meristematic tissue take up a specific role and lose their ability to divide and then form a:

Options :

1. ✖ RBC

2. ✖ Sieve tube cell

3. ✖ Companion cell

4. ✔ Permanent tissue

Question Number : 77 Question Id : 6789131877 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

_____ consists of relatively unspecialised cells with thin cell walls.

Options :

1. ✖ Scerenchyma

2. ✖ Collenchyma

3. ✔ Parenchyma

4. ✖ Tracheids

Question Number : 78 Question Id : 6789131878 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Choose the option that is NOT true about vascular system.

Options :

1. ✖ Blood is red vascular connective tissue.

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2. ✔ It forms about 1.7-1.8% of the body weight.

3. ✖ There is about 6.8 liters of blood in an adult person

4. ✖ Life span of human RBCs is 115-120 days.

Question Number : 79 Question Id : 6789131879 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The vagina leads to _____ .

Options :

1. ✖ Oviducts

2. ✖ Uterus

3. ✔ Cervix

4. ✖ Fallopian tube

Question Number : 80 Question Id : 6789131880 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

In humans, females have _____ set of sex chromosomes.

Options :

1. ✔ XX

2. ✖ YY

3. ✖ XY

4. ✖ YYX

Question Number : 81 Question Id : 6789131881 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The Dronacharya Award 2017 in the field of kabaddi was presented to:

Options :

1. ✔ Heera Nand Kataria

2. ✖ Rahul Chaudhari

3. ✖ Pradeep Narwal

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4. ✖ Anup P. Kumar

Question Number : 82 Question Id : 6789131882 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Who among the following is the first Indian female gymnast ever to compete in the Olympics?

Options :

1. ✖ Aruna Reddy

2. ✖ Bindu Bhosle

3. ✔ Dipa Karmakar

4. ✖ Jyoti More

Question Number : 83 Question Id : 6789131883 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which of the following is associated with The Government of India's 'Khelo India' programme?

Options :

1. ✖ Literature

2. ✖ Music

3. ✔ Sports

4. ✖ Science and Technology

Question Number : 84 Question Id : 6789131884 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Where was the 48th International Film Festival of India held in 2017?

Options :

1. ✖ Mumbai

2. ✖ Delhi

3. ✔ Goa

4. ✖ Hyderabad

Question Number : 85 Question Id : 6789131885 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Who was honoured with the Lata Mangeshkar Lifetime Achievement Award 2016 by the Maharashtra Government?

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Options :

1. ✖ Nadeem–Shravan

2. ✖ Bappi Lahiri

3. ✔ Uttam Singh

4. ✖ Lakshmi Kant

Question Number : 86 Question Id : 6789131886 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Who has received the 'Naari Shakthi Puraskar' on the Women's Day 2018?

Options :

1. ✖ Meena Behen

2. ✖ Chaavi Rajawat

3. ✔ Malvika Iyer

4. ✖ Sonia Gandhi

Question Number : 87 Question Id : 6789131887 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Who among the following was conferred with sainthood by Pope Francis in 2016?

Options :

1. ✔ Mother Teresa

2. ✖ Kuriakose

3. ✖ Mary Euphrasia

4. ✖ Sister Alphonsa

Question Number : 88 Question Id : 6789131888 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which ex-Prime Minister was awarded Bharat Ratna posthumously?

Options :

1. ✖ P. V. Narasimha Rao

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2. ✖ I. K. Gujral

3. ✖ Morarji Desai

4. ✔ Rajiv Gandhi

Question Number : 89 Question Id : 6789131889 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Who was conferred with the 30th Indira Gandhi Award for National Integration for 2015 -16?

Options :

1. ✖ Sri Sri Ravishankar

2. ✖ A. P. J. Abdul Kalam

3. ✔ T. M. Krishna

4. ✖ Manmohan Singh

Question Number : 90 Question Id : 6789131890 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Who is the Chief Minister of Punjab as of 1st March 2018?

Options :

1. ✔ Captain Amarinder Singh

2. ✖ Naveen Mahindra

3. ✖ Navjot Singh Sidhu

4. ✖ Parkash Singh Badal

Question Number : 91 Question Id : 6789131891 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Who among the following inaugurated the Dr. A.P.J. Abdul Kalam Memorial in Rameswaram?

Options :

1. ✖ Pranab Mukherjee

2. ✖ O. Panneerselvam

3. ✔ Narendra Modi

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4. ✖ K. Palaniswami

Question Number : 92 Question Id : 6789131892 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Name the person who has been sworn in as the new President of Kenya in 2018.

Options :

1. ✖ Jomo Kenyatta

2. ✔ Uhuru Muigaui Kenyatta

3. ✖ Kikuyu Kenyatta

4. ✖ Raila Odinga

Question Number : 93 Question Id : 6789131893 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Mathura Refinery is the only oil refinery in Uttar Pradesh, and is the _____in the series of Indian Oil Refineries in the country.

Options :

1. ✖ 7^{th}

2. ✖ 5^{th}

3. ✔ 6^{th}

4. ✖ 9^{th}

Question Number : 94 Question Id : 6789131894 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

_____, the Sultan of Delhi shifted his capital from Delhi to Daulatabad.

Options :

1. ✖ Akbar

2. ✔ Muhammad-bin-Tughlaq

3. ✖ Iltutmish

4. ✖ Ghiyas-ud-din Balban

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Question Number : 95 Question Id : 6789131895 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The silver coin which was introduced by Sher Shah was continued by the Mughals as _____.

Options :

1. ✖ Taka

2. ✖ Tanka

3. ✔ Rupaya

4. ✖ Mohur

Question Number : 96 Question Id : 6789131896 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

_____ is the new capital of Andhra Pradesh.

Options :

1. ✖ Hyderabad

2. ✔ Amaravati

3. ✖ Secunderabad

4. ✖ Tirupati

Question Number : 97 Question Id : 6789131897 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which is the state animal of Andhra Pradesh?

Options :

1. ✖ Mithun

2. ✖ Ox

3. ✖ One-horned rhinoceros

4. ✔ Blackbuck

Question Number : 98 Question Id : 6789131898 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Open market operations refers to the sale and purchase of ____by the RBI.

Options :

1. ✖ Foreign currency

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2. ✖ Bullions

3. ✔ Government securities

4. ✖ Fixed property

Question Number : 99 Question Id : 6789131899 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which one of the following is a leguminous crop?

Options :

1. ✖ Mucuna

2. ✔ Pulses

3. ✖ Sesame

4. ✖ Cereals

Question Number : 100 Question Id : 6789131900 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

On 21 February 2018, India successfully conducted a night trial of its indigenously developed nuclear capable Prithvi-II missile from a test range in:

Options :

1. ✔ Odisha

2. ✖ Rajasthan

3. ✖ Tamil Nadu

4. ✖ Karnataka