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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 10th 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 : 6789132601 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

$0.0\overline{345}$ written as a vulgar fraction in its simplest form is equal to?

Options :

1. ✖ $\frac{9}{275}$

2. ✔ $\frac{19}{550}$

3. ✖ $\frac{38}{1111}$

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4. ✖ $\frac{19}{555}$

Question Number : 2 Question Id : 6789132602 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Find the LCM of 20, 40, 25 and 30.

Options :

1. ✖ 400

2. ✔ 600

3. ✖ 800

4. ✖ 500

Question Number : 3 Question Id : 6789132603 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 ₹ 450.75 in his bank account and withdrew the money to pay for five shirts, each costing ₹ 123.79. What is the remaining balance of his account?

Options :

1. ✖ ₹ 554.91

2. ✔ ₹ 545.19

3. ✖ ₹ 1,040.35

4. ✖ ₹ 534.19

Question Number : 4 Question Id : 6789132604 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

0.6 of 35 + half of ₹ 75 is _____.

Options :

1. ✖ 60.5

2. ✖ 59.5

3. ✔ 58.5

4. ✖ 23.5

Question Number : 5 Question Id : 6789132605 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 following is the largest fraction?

$\frac{3}{15}, \frac{5}{20}, \frac{8}{64}, \frac{25}{1000}$

Options :

1. ✖ $\frac{3}{15}$

2. ✔ $\frac{5}{20}$

3. ✖ $\frac{8}{64}$

4. ✖ $\frac{25}{1000}$

Question Number : 6 Question Id : 6789132606 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which of the following numbers is divisible by 12?

Options :

1. ✖ 33460

2. ✖ 43460

3. ✔ 53460

4. ✖ 63460

Question Number : 7 Question Id : 6789132607 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

If x, rounded off to 5 decimal places, is 0.70000, then in what interval will x lie?

Options :

1. ✔ $0.699995 \leq x < 0.700005$

2. ✖ $0.69995 \leq x < 0.70005$

3. ✖ $0.699905 \leq x < 0.700005$

4. ✖ $0.69995 < x \leq 0.70005$

Question Number : 8 Question Id : 6789132608 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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Suhashini made a fruit salad using melons, pineapples and bananas. $\frac{1}{5}$ of the total weight of the fruits was due to the melons. Of the remaining weight, $\frac{3}{4}$ was attributed to the bananas. What fraction of the total weight of the fruits was contributed by the pineapples?

Options :

1. ✖ $\frac{1}{6}$

2. ✔ $\frac{1}{5}$

3. ✖ $\frac{1}{8}$

4. ✖ $\frac{1}{4}$

Question Number : 9 Question Id : 6789132609 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

If 50% of x = y, then y% of 25 is the same as:

Options :

1. ✖ 5% of x

2. ✔ 12.5% of x

3. ✖ 15% of x

4. ✖ 20% of x

Question Number : 10 Question Id : 6789132610 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

108% of a number is 189. The number is:

Options :

1. ✔ 175

2. ✖ 180

3. ✖ 190

4. ✖ 200

Question Number : 11 Question Id : 6789132611 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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Find the amount of ₹ 5000 after 2 years when the interest is compounded annually at the rate of 9% per annum approximately.

Options :

1. ✖ ₹ 5936

2. ✖ ₹ 5950

3. ✖ ₹ 5970

4. ✔ ₹ 5940

Question Number : 12 Question Id : 6789132612 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

By selling 12 watches, a shopkeeper earns a profit equal to selling price of 2 watches. Find his profit percentage.

Options :

1. ✖ 16.67%

2. ✔ 20%

3. ✖ 22%

4. ✖ 25%

Question Number : 13 Question Id : 6789132613 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Nikhil and Debu can complete a piece of work in 30 days and 40 days respectively, when they work individually. Find the remaining work left to complete the same work, if they work together for 8 days.

Options :

1. ✖ $\frac{5}{14}$

2. ✖ $\frac{6}{13}$

3. ✖ $\frac{7}{15}$

4. ✔ $\frac{8}{15}$

Question Number : 14 Question Id : 6789132614 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

A can do a piece of work in 5 days while it takes 10 days for B to complete it. They start working together but A has to leave 4 days before the work was completed. For how many days did A work?

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Options :

1. ✖ 1

2. ✖ 1.5

3. ✔ 2

4. ✖ 2.5

Question Number : 15 Question Id : 6789132615 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Jatin covers 7.5 km more if he walks at 9 km per hour instead of 4 km per hour. What is the distance in km did he actually cover?

Options :

1. ✖ 5

2. ✔ 6

3. ✖ 7

4. ✖ 8

Question Number : 16 Question Id : 6789132616 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

A tank has two taps, the first one fills water into the tank and the other one drains water out of the tank. The tank fills up in 4 hours when only the first tap is open and in 12 hours when both the taps are open. How long does it take to empty the full tank when only the second tap is open?

Options :

1. ✖ 4 hours

2. ✔ 6 hours

3. ✖ 8 hours

4. ✖ 10 hours

Question Number : 17 Question Id : 6789132617 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Number of odd days in a NON-leap year is:

Options :

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1. ✖ 2

2. ✖ 3

3. ✔ 1

4. ✖ 5

Question Number : 18 Question Id : 6789132618 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Pipe A can fill a tank in 8 hours, pipe B in P hours and pipe C in 24 hours. If all the pipes are open, it takes 2.4 hours to fill the tank. Then find the value of P?

Options :

1. ✖ 3 hours

2. ✔ 4 hours

3. ✖ 2 hours

4. ✖ 1 hour

Question Number : 19 Question Id : 6789132619 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

A man is 9 times as old as his son. Two years hence, the father will be 1 year less than 6 times as old as his son. Find their present ages.

Options :

1. ✖ 26 years and 10 years

2. ✖ 30 years and 6 years

3. ✖ 36 years and 12 years

4. ✔ 27 years and 3 years

Question Number : 20 Question Id : 6789132620 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

If there are 'P' ordinary years in a period of 100 years (ordinary year = 365 days), then the value of P can be:

Options :

1. ✔ 76

2. ✖ 72

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3. ✖ 74

4. ✖ 71

Question Number : 21 Question Id : 6789132621 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

If $2x = sec\,A$ and $\left(\frac{2}{x}\right) = tan\,A$, then find out the value of $2\,(x^2 - \frac{1}{x^2}) = ?$

Options :

1. ✖ 1

2. ✔ 1/2

3. ✖ 1/3

4. ✖ 1/4

Question Number : 22 Question Id : 6789132622 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

If in a triangle $\angle B = 90°$ and $\angle A = 60°$ then $Sin^2A - Cos^2A + Tan^2A = ?$

Options :

1. ✖ $\frac{2}{3}$

2. ✖ $\frac{5}{2}$

3. ✖ $\frac{5}{6}$

4. ✔ $\frac{7}{2}$

Question Number : 23 Question Id : 6789132623 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

If $\alpha\ and\ \beta$ are the zeroes of the polynomial $x^2 - 5x + 6$, then the value of $\frac{\alpha^2 + \beta^2}{\alpha^{-2} + \beta^{-2}}$ is?

Options :

1. ✖ 63

2. ✔ 36

3. ✖ 62

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4. ✖ 26

Question Number : 24 Question Id : 6789132624 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

5 apples and 9 oranges together cost ₹ 57, and 9 apples and 5 oranges together cost ₹ 69. What is the cost of 3 apples and 2 oranges?

Options :

1. ✖ ₹ 35

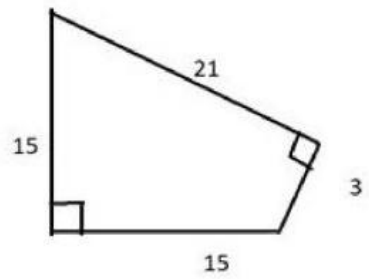
2. ✖ ₹ 28

3. ✔ ₹ 24

4. ✖ ₹ 30

Question Number : 25 Question Id : 6789132625 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

What is the area of the quadrilateral shown in the figure below (drawn not the scale)?



Options :

1. ✖ 54

2. ✔ 144

3. ✖ 123

4. ✖ 63

Question Number : 26 Question Id : 6789132626 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Sunayana is Suma's grandmother. How is Suma's brother Surya related to Sunayana?

Options :

1. ✔ Grandson

2. ✖ Uncle

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3. ✖ Brother

4. ✖ Niece

Question Number : 27 Question Id : 6789132627 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Choose the one which does not belong to the group:

Options :

1. ✖ Bear

2. ✖ Deer

3. ✖ Tiger

4. ✔ Bustard

Question Number : 28 Question Id : 6789132628 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Akhil meets a toddler at the park. The toddler identifies Akhil as her mother's younger brother. The toddler is the _____ of Akhil.

Options :

1. ✖ daughter

2. ✔ niece

3. ✖ nephew

4. ✖ son

Question Number : 29 Question Id : 6789132629 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. No pens are pencils.

II. Some pencils are black.

Conclusions:

1. Some black are pens.

2. Some pencils are pens.

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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 : 6789132630 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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

Options :

1. ✖ Brother-in-law

2. ✖ Son

3. ✔ Brother

4. ✖ Aunt

Question Number : 31 Question Id : 6789132631 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

In a coding system, LOW is written as KJC and STAG as BXEN. How can SLAT be written in that coding system?

Options :

1. ✖ BKXY

2. ✔ BKEX

3. ✖ KBHZ

4. ✖ BHKC

Question Number : 32 Question Id : 6789132632 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 there be a hike in tuition fee for higher education?

Arguments:

I. Yes, this will bring seriousness in students towards education which enhances quality.

II. No, many students might not afford which will result in lesser number of well-educated people.

Options :

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1. ✖ Only argument I is strong

2. ✖ Only argument II is strong

3. ✖ Neither I nor II is strong and

4. ✔ Both I and II are strong.

Question Number : 33 Question Id : 6789132633 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: "Just like the way we eat, bathe etc., maintaining cleanliness should be made regular part of the routine work," said the principal to the students.

Assumptions:

I. Personal cleanliness, environmental cleanliness are the different areas where the cleanliness has to be adopted.

II. Cleanliness is next to godliness.

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 : 6789132634 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Given below is 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:

An job advertisement states," candidates with excellent communication skills and a two wheeler is mandatory".

Assumptions:

I. This job requires lot of travelling.

II. English and local languages are mandatory for this job.

Options :

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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 : 35 Question Id : 6789132635 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:

The Cricket board chief said, "Those who would be interviewed are former Indian wicket keepers and they are suitable for the position of coaches."

Conclusions:

I. The board chief assumes former wicket keepers are the best choice for coaches

II. Former wicket keepers have more experience on the pitch

Options :

1. ✖ Only conclusion I follows

2. ✖ Only conclusion II follows

3. ✖ No conclusion follows

4. ✔ Both the conclusions follow

Question Number : 36 Question Id : 6789132636 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Find the next number in the series.

5, 18, 44, 83, ?

Options :

1. ✖ 117

2. ✖ 127

3. ✖ 137

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4. ✔ 135

Question Number : 37 Question Id : 6789132637 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

If + means ×, × means –, ÷ means + and – means ÷ then what is the value of $45 - 5 \div 6 + 10 \times 2$

Options :

1. ✖ 65

2. ✔ 67

3. ✖ 70

4. ✖ 68

Question Number : 38 Question Id : 6789132638 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

If +stands for ×, – for ÷, × for – and ÷ for +, find the value of $18 + 32 - 4 \times 8 \div 3$

Options :

1. ✖ 140

2. ✔ 139

3. ✖ 143

4. ✖ 150

Question Number : 39 Question Id : 6789132639 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Vimal lent a loan of ₹ 5,000 to Kamal for 2 years and ₹ 3,000 to Sumal for 4 years on simple interest at the same rate of interest and received ₹ 2,200 in all from both as interest. Calculate the rate of interest per annum.

Options :

1. ✔ 10%

2. ✖ 13%

3. ✖ 23%

4. ✖ 15%

Question Number : 40 Question Id : 6789132640 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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A cobbler made three new pairs of ladies' shoes. He had invested 30% of the selling price in raw material, 55% of the money went into labour cost and the rest of the amount was his profit. If the selling price of the shoe was ₹ 1,500, what was the profit amount?

Options :

1. ✖ ₹ 750

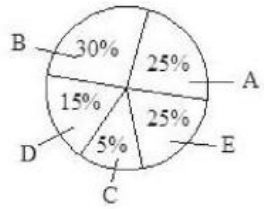
2. ✖ ₹ 950

3. ✔ ₹ 525

4. ✖ ₹ 550

Question Number : 41 Question Id : 6789132641 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The following pie diagram shows information about tyre manufacturing data from various companies in India during 2017. If the total tyres produced in India during 2017 was 1,80,000 units, how many units of tyres were produced by company 'C'?



Options :

1. ✔ 9000

2. ✖ 18000

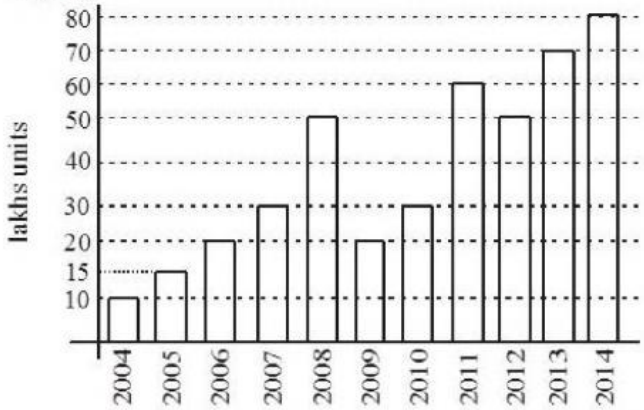
3. ✖ 27000

4. ✖ 36000

Question Number : 42 Question Id : 6789132642 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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The following bar graph shows information on the sales of the personal computers by the company "XYZ" for the last 10 years



How many units of personal computers were sold (in lakhs) by the company XYZ in 2010.

Options :

1. ✖ 10

2. ✖ 20

3. ✖ 25

4. ✔ 30

Question Number : 43 Question Id : 6789132643 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

A samosa vendor discusses his business condition with his friend. He says, between last year and this year, he has tripled his income. He sells each samosa for ₹ 20. He had made a profit of ₹ 1,20,000 last year. This year, on an average, how many samosas did he sell per month?

Options :

1. ✖ 1000

2. ✔ 1500

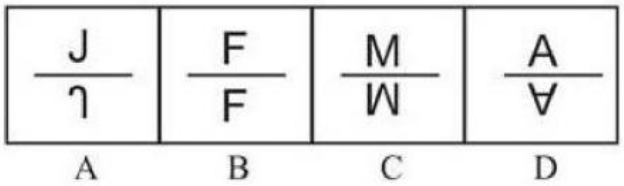
3. ✖ 1250

4. ✖ 1300

Question Number : 44 Question Id : 6789132644 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:



Options :

1. ✖ A

2. ✔ B

3. ✖ C

4. ✖ D

Question Number : 45 Question Id : 6789132645 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical



The missing figure in the above sequence is:



Options :

1. ✖ A

2. ✔ B

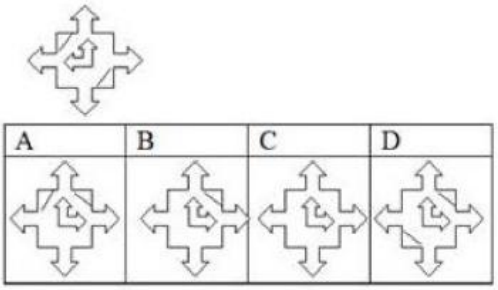
3. ✖ C

4. ✖ D

Question Number : 46 Question Id : 6789132646 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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Which pattern most closely resembles the following pattern?



Options :

1. ✖ A

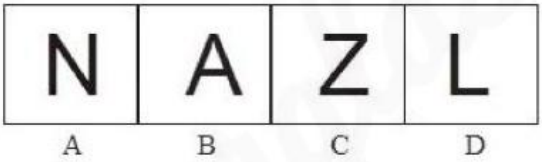
2. ✖ B

3. ✖ C

4. ✔ D

Question Number : 47 Question Id : 6789132647 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Find the odd figure out.



Options :

1. ✖ A

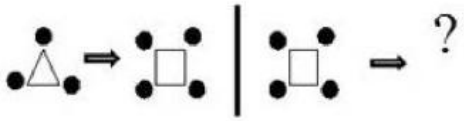
2. ✖ B

3. ✖ C

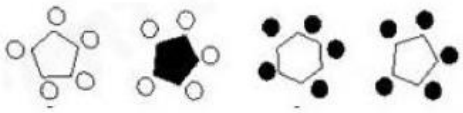
4. ✔ D

Question Number : 48 Question Id : 6789132648 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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The correct picture that replaces the question mark is:



A B C D

Options :

1. ✖ A

2. ✖ B

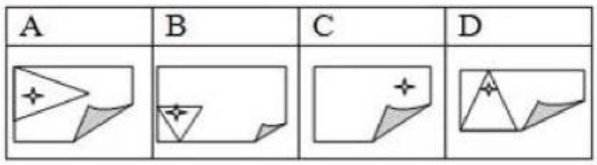
3. ✖ C

4. ✔ D

Question Number : 49 Question Id : 6789132649 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which of the options bears the closest resemblance to the following figure?





Options :

1. ✖ A

2. ✖ B

3. ✖ C

4. ✔ D

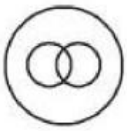
Question Number : 50 Question Id : 6789132650 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

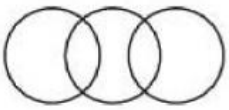
Choose the best suitable Venn diagram for the following words.

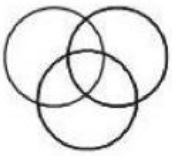
"Earth, Jupiter, Solar system"

Options :

1. ✔ 

2. ✖ 

3. ✖ 

4. ✖ 

Question Number : 51 Question Id : 6789132651 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 three following words.

Bus, Car, Cycle

Options :

1. ✔ 

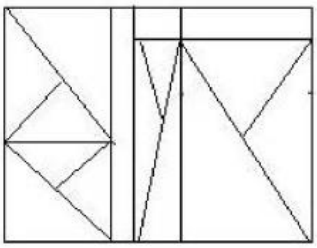
2. ✖ 

3. ✖ 

4. ✖ 

Question Number : 52 Question Id : 6789132652 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

How many triangles are there in the following figure?



Options :

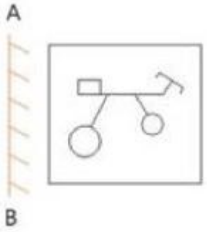
1. ✖ 14

2. ✖ 15

3. ✖ 16

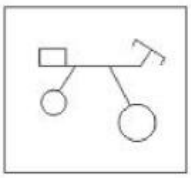
4. ✔ 17

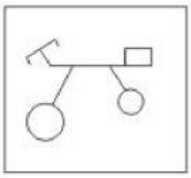
Question Number : 53 Question Id : 6789132653 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical



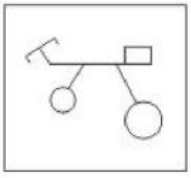
The correct mirror image of the above figure with respect to the line AB is:

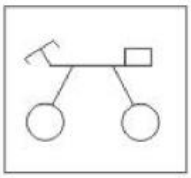
Options :

1. ✖ 

2. ✖ 

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3. ✔ 

4. ✖ 

Question Number : 54 Question Id : 6789132654 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Shakuntala is facing towards East direction. She is playing chess with Radha in the standard chess seating posture. In which direction Radha is facing now?

Options :

1. ✖ East

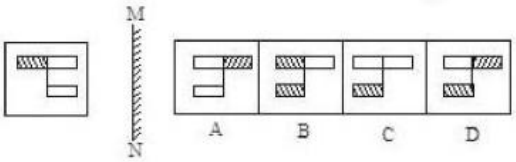
2. ✔ West

3. ✖ North

4. ✖ South

Question Number : 55 Question Id : 6789132655 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

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Question Number : 56 Question Id : 6789132656 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

What is the instrument used to determine the density of milk?

Options :

1. ✖ Hydrometer

2. ✖ Barometer

3. ✔ Lactometer

4. ✖ Thermometer

Question Number : 57 Question Id : 6789132657 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which of the following devices is used to measure the distance travelled in automobiles?

Options :

1. ✖ Speedometer

2. ✔ Odometer

3. ✖ Pedometer

4. ✖ Tachometer

Question Number : 58 Question Id : 6789132658 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which of the two quantities of the below have the same SI units associated?

Options :

1. ✖ Speed and distance

2. ✔ Speed and velocity

3. ✖ Velocity and displacement

4. ✖ Velocity and momentum

Question Number : 59 Question Id : 6789132659 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Acceleration due to gravity 'g' does NOT depend upon _____.

Options :

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1. ✖ gravitation constant G

2. ✖ mass of the earth M

3. ✖ radius of the earth R

4. ✔ mass of the falling object m

Question Number : 60 Question Id : 6789132660 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

A car moves 100 m with a constant force of 50 N. Then the work done by the car is:

Options :

1. ✖ 500 J

2. ✔ 5000 J

3. ✖ 50000 J

4. ✖ 50 J

Question Number : 61 Question Id : 6789132661 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

An object of mass 12 kg is moving with a uniform velocity of 5 ms^{-1}. What is the kinetic energy possessed by the object?

Options :

1. ✖ 187.5 J

2. ✖ 150 ms

3. ✖ 17.5 J

4. ✔ 150 J

Question Number : 62 Question Id : 6789132662 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

A bullet fired from a gun goes deep inside the target because it possesses:

Options :

1. ✖ Chemical energy

2. ✖ Heat energy

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3. ✔ Kinetic energy

4. ✖ Potential energy

Question Number : 63 Question Id : 6789132663 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

A star appears twinkling in the sky because of _____.

Options :

1. ✖ scattering of light by atmosphere

2. ✖ reflection of light by atmosphere

3. ✔ refraction of light by atmosphere

4. ✖ diffraction of light by atmosphere

Question Number : 64 Question Id : 6789132664 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

_____ is also called a diverging mirror.

Options :

1. ✔ Convex mirror

2. ✖ concave mirror

3. ✖ Plane mirror

4. ✖ Plano-concave mirror

Question Number : 65 Question Id : 6789132665 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

According to Ohm's law, _____ is constant.

Options :

1. ✖ I/V

2. ✔ V/I

3. ✖ VQ

4. ✖ It

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Question Number : 66 Question Id : 6789132666 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which of the following is based on the heating effect of electric current?

Options :

1. ✖ Microwave

2. ✖ Electric bell

3. ✔ Electric heater

4. ✖ Electric fan

Question Number : 67 Question Id : 6789132667 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Neutron is present in all atoms except:

Options :

1. ✖ Cr

2. ✖ Mg

3. ✖ C

4. ✔ H

Question Number : 68 Question Id : 6789132668 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The number of moles present in 90 g of water is _____.

Options :

1. ✖ 4

2. ✔ 5

3. ✖ 6

4. ✖ 7

Question Number : 69 Question Id : 6789132669 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 following statements is/are true?

A. Shape: According to the type of matter, shape differs, depending upon location of particles. Eg, solids have definite shape while liquids acquire the shape of their container and gases, as such, don't have any shape.

B. Filling a water container: It is the property of matter to allow decrease in volume under high pressure and gases show this property.

Options :

1. ✔ Only A is true

2. ✖ Only B is true

3. ✖ A and B are both true

4. ✖ A and B are both false

Question Number : 70 Question Id : 6789132670 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Corrosion of _____ is a serious problem.

Options :

1. ✖ Pt

2. ✔ Fe

3. ✖ Au

4. ✖ Al

Question Number : 71 Question Id : 6789132671 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which one of the following is highly exothermic?

Options :

1. ✖ Dissolving copper sulphate in water

2. ✖ Dissolving washing soda in water

3. ✖ Dissolving bleaching powder in water

4. ✔ Dissolving sulphuric acid in water

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Question Number : 72 Question Id : 6789132672 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

In the presence of sunlight, _____ is added to hydrocarbons in a very fast reaction.

Options :

1. ✖ H_2

2. ✔ Cl_2

3. ✖ N_2

4. ✖ O_2

Question Number : 73 Question Id : 6789132673 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Heating ethanol at 443 K with excess of concentrated H_2SO_4 results in the dehydration of ethanol to give:

Options :

1. ✖ Ethane

2. ✔ Ethene

3. ✖ Methane

4. ✖ Methene

Question Number : 74 Question Id : 6789132674 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

In Newlands law of Octaves, iron, which resembles _____ and _____ in properties, has been placed far away from these elements.

Options :

1. ✖ Co and Cu

2. ✔ Co and Ni

3. ✖ Cu and Ni

4. ✖ Ni and Mn

Question Number : 75 Question Id : 6789132675 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Identify the element having the electronic configuration 2, 6.

Options :

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1. ✔ Oxygen

2. ✖ Chlorine

3. ✖ Nitrogen

4. ✖ Bromine

Question Number : 76 Question Id : 6789132676 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Carl Linnaeus is known as the:

Options :

1. ✖ Father of animal science

2. ✖ Father of atom

3. ✖ Father of plant

4. ✔ Father of taxonomy

Question Number : 77 Question Id : 6789132677 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Cavalier-Smith classified the organisms into _____ kingdoms.

Options :

1. ✔ 6

2. ✖ 5

3. ✖ 4

4. ✖ 3

Question Number : 78 Question Id : 6789132678 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which one of the following is NOT true of cerebrum?

Options :

1. ✖ It is the part of forebrain

2. ✖ It is the largest part constituting 80 % of the brain.

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3. ✖ It forms the front, superior and lateral side of the brain

4. ✔ It has three parts : two lateral cerebellar hemisphere and one central vermix

Question Number : 79 Question Id : 6789132679 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

HIV stands for:

Options :

1. ✖ Humanity immunodeficiency virus

2. ✖ Human immunodeficiency Victoria

3. ✖ Human immunodeficiency virtue

4. ✔ Human immunodeficiency virus

Question Number : 80 Question Id : 6789132680 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which of the following animals have very simple 'eyes' that are really just eye-spots which detect light?

Options :

1. ✖ Ascaris

2. ✔ Planaria

3. ✖ Tapeworm

4. ✖ Roundworm

Question Number : 81 Question Id : 6789132681 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which of the following tennis players beat Albert Ramos-Vinolas to win the Monte Carlo Masters for the 10^{th} time?

Options :

1. ✖ Roger Federer

2. ✖ Pieter Aldrich

3. ✖ Novak Djokovic

4. ✔ Rafael Nadal

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Question Number : 82 Question Id : 6789132682 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

In 2016, which ace Indian golfer won the BANK BRI-JCB Indonesia Open for the second time in his career?

Options :

1. ✖ Shiv Kapur

2. ✔ Gaganjeet Bhullar

3. ✖ Jeev Milkha Singh

4. ✖ Gaurav Ghei

Question Number : 83 Question Id : 6789132683 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which of the following sports, is "Saketh Sai Myneni" related to?

Options :

1. ✖ Badminton

2. ✔ Tennis

3. ✖ Athletics

4. ✖ Kabaddi

Question Number : 84 Question Id : 6789132684 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The director of the 1928 movie – Devdas was _____.

Options :

1. ✔ Naresh Mitra

2. ✖ Gurudutt

3. ✖ Dilip Kumar

4. ✖ Prithviraj Kapoor

Question Number : 85 Question Id : 6789132685 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Who among the following was awarded the Hridaynath Mangeshkar Award 2017?

Options :

1. ✔ Javed Akhtar

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2. ✖ Gulzar

3. ✖ K. S. Chitra

4. ✖ S. P. Balasubrahmanyam

Question Number : 86 Question Id : 6789132686 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Who is the director of the recent movie 'sanju'?

Options :

1. ✖ Sanjay leela Bansali

2. ✖ Karan Johar

3. ✔ Raj kumar Hirani

4. ✖ Madhur Bhandarkar

Question Number : 87 Question Id : 6789132687 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

ISRO chairman A S Kiran Kumar was given the 'SIES-Sri Chandrasekarendra Saraswati National Eminence Award' for:

Options :

1. ✖ Social thinking

2. ✖ Public leadership

3. ✔ Science and technology

4. ✖ International category

Question Number : 88 Question Id : 6789132688 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which Indian app has won the best M-Govt Service Award at the World Government Summit, 2018?

Options :

1. ✖ Gujarat Gas

2. ✔ Umang

3. ✖ Ixigo

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4. ✖ Paytm

Question Number : 89 Question Id : 6789132689 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Who established the 'Humanity Hospital' having toiled as a vegetable vendor, house help and labourer all her life?

Options :

1. ✖ Sujja Dutta

2. ✖ Anu Mondal

3. ✔ Subasini Mistry

4. ✖ Shila Majumder

Question Number : 90 Question Id : 6789132690 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The Supreme Court of India, in January 2017 delivered a crucial judgment that political parties and politicians CANNOT do which of the following?

Options :

1. ✖ Call police in case of disturbances or riots

2. ✖ Seek votes by hindering traffic

3. ✖ Display voter badges

4. ✔ Seek votes in the name of caste, community, religion or language

Question Number : 91 Question Id : 6789132691 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Who is the incumbent Chief Minister of Uttar Pradesh?

Options :

1. ✔ Yogi Adityanath

2. ✖ Akhilesh Yadav

3. ✖ Mulayam Singh Yadav

4. ✖ Rajnath Singh

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Question Number : 92 Question Id : 6789132692 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The Indian Navy signed contract with the _____ located in Visakhapatnam for the construction of two diving support vessels (DSV) to augment the Indian Navy's submarine support operations on India's coastal regions.

Options :

1. ✖ Hindustan Shipping Limited (HSL)

2. ✔ Hindustan Shipyard Limited (HSL)

3. ✖ Hindustan Seayard Limited (HSL)

4. ✖ Hindustan Seacoast Limited (HSL)

Question Number : 93 Question Id : 6789132693 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which political party came into power in the Tripura elections in 2018?

Options :

1. ✖ CPM

2. ✖ CPI

3. ✔ BJP

4. ✖ BSP

Question Number : 94 Question Id : 6789132694 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which Indian leader was popularly known as 'Punjab Kesari'?

Options :

1. ✔ Lala Lajpat Rai

2. ✖ Sardar Patel

3. ✖ Maulana Azad

4. ✖ Rabindranath Tagore

Question Number : 95 Question Id : 6789132695 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The Jataka Tales describe _____'s birth and his previous life.

Options :

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1. ✖ Mahavira

2. ✔ Buddha

3. ✖ Lord Krishna

4. ✖ Lord Vishnu

Question Number : 96 Question Id : 6789132696 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Pyongyang is the capital of which of the following countries?

Options :

1. ✔ North Korea

2. ✖ South Korea

3. ✖ Vietnam

4. ✖ Cambodia

Question Number : 97 Question Id : 6789132697 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

What is the other name for shifting cultivation?

Options :

1. ✖ Transfer

2. ✔ Jhum

3. ✖ Transplanting

4. ✖ Harvesting

Question Number : 98 Question Id : 6789132698 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Of which fruit is the Alphonso a variety?

Options :

1. ✖ Apple

2. ✔ Mango

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3. ✖ Grapes

4. ✖ Bananas

Question Number : 99 Question Id : 6789132699 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

What is India's position in the 2018 FDI Confidence Index?

Options :

1. ✔ 11

2. ✖ 10

3. ✖ 1

4. ✖ 6

Question Number : 100 Question Id : 6789132700 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which of the following awards did the Union Ministry of Agriculture and Farmers Welfare confer on Tamil Nadu, Himachal Pradesh and Tripura for their record performance in the production of food grains during 2015-16?

Options :

1. ✔ Krishi Karman

2. ✖ Kisan Puraskar

3. ✖ Krishi Vikas

4. ✖ Krishi Puraskar