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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 01st Nov 2018 Shift1
Subject Name:	Level 1
Duration:	90
Total Marks:	100
Display Marks:	No
Share Answer Key With Delivery Engine:	Yes
Actual Answer Key:	Yes
Calculator:	None
Magnifying Glass Required?:	No
Ruler Required?:	No
Eraser Required?:	No
Scratch Pad Required?:	No
Rough Sketch/Notepad Required?:	No
Protractor Required?:	No
Show Watermark on Console?:	No
Highlighter:	No
Auto Save on Console?:	No

Display Number Panel:	Yes
Group All Questions:	No

Question Number : 1 Question Id : 302616401 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Solve the equation: $(8.5\times8.5 - 3.5\times3.5) \div (2.5^2 - 0.25) = ?$

Options :

1. ✖ 15

2. ✖ 6

3. ✔ 10

4. ✖ 12

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Question Number : 2 Question Id : 302616402 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which of the following fractions when added to $\frac{9}{7}$ will give the sum as 1?

Options :

1. ✖ $-\frac{5}{3}$

2. ✖ $-\frac{6}{14}$

3. ✔ $-\frac{6}{21}$

4. ✖ $-\frac{4}{2}$

Question Number : 3 Question Id : 302616403 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The value of $11 \times \{5 + (-2) \times (-1)\}$ is:

Options :

1. ✖ 57

2. ✔ 77

3. ✖ 33

4. ✖ –33

Question Number : 4 Question Id : 302616404 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

A number ending with _____ number of zeros is never a perfect square.

Options :

1. ✖ composite

2. ✖ prime

3. ✔ odd

4. ✖ even

Question Number : 5 Question Id : 302616405 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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After taking $\frac{1}{5}$th of the contents out of a purse, $\frac{1}{12}$th of the remainder was found to be ₹ 7.40. How much money (in ₹) did the purse initially contain?

Options :

1. ✔ 111

2. ✖ 112

3. ✖ 123

4. ✖ 129

Question Number : 6 Question Id : 302616406 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

If $4 \times 2 - 2 \times 2 + 5x - 8$ is divided by $(x - 2)$, what will be the remainder?

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

Options :

1. 25

2. 26

3. 29

4. 30

Question Number : 7 Question Id : 302616407 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

If $\frac{9}{16}$ of the weight of a brick is $\frac{27}{8}$ kg, then $\frac{7}{12}$ of the weight of the brick will be:

Options :

1. ✔ $\frac{7}{2}$ kg

2. ✖ $\frac{3}{7}$ kg

3. ✖ $\frac{14}{3}$ kg

4. ✖ $\frac{3}{14}$ kg

Question Number : 8 Question Id : 302616408 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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The square roots of how many factors of 1440 will be natural numbers?

Options :

1. ✖ 12

2. ✖ 10

3. ✔ 6

4. ✖ 4

Question Number : 9 Question Id : 302616409 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

If 4H=2I=3J, Find the ratio of H : I : J.

Options :

1. ✖ 8:5:7

2. ✖ 4:5:2

3. ✖ 2:3:5

4. ✔ 3:6:4

Question Number : 10 Question Id : 302616410 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Three numbers are in a ratio of 3 : 5 : 8, and the sum of the numbers is 48. If 3 is added to the first and third numbers and 3 is subtracted from the second number, the numbers so obtained will be in a ratio of:

Options :

1. ✖ 6 : 2 : 11

2. ✔ 4 : 4 : 9

3. ✖ 3 : 2 : 11

4. ✖ 6 : 8 : 5

Question Number : 11 Question Id : 302616411 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Sajin bought two chairs for ₹ 1,000. He sold one at a profit of 20% and the other at a loss of 20%. If the selling price of both chairs is the same, then their respective cost prices (approximately) are _____.

Options :

1. ✖ ₹ 380, ₹ 520

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2. ✔ ₹ 400, ₹ 600

3. ✖ ₹ 360, ₹ 540

4. ✖ ₹ 330, ₹ 570

Question Number : 12 Question Id : 302616412 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

A certain sum of money amounts to ₹ 2,500 after 3 years and ₹ 4,750 after 8 years. Find the principal amount.

Options :

1. ✖ ₹ 1,100

2. ✖ ₹ 1,200

3. ✔ ₹ 1,150

4. ✖ ₹ 1,250

Question Number : 13 Question Id : 302616413 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

If 4 examiners check a certain number of answer sheets in 8 days by working 5 hours each day, then how much time should 2 examiners work each day to check double the amount of answer-sheets in 25 days?

Options :

1. ✖ 8 hours

2. ✔ 6.4 hours

3. ✖ 6.0 hours

4. ✖ 7 hours

Question Number : 14 Question Id : 302616414 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

A monkey and an ass participated in a race. The monkey ran at 6 km/hr but the ass started running backwards at a speed of 1 m/s. What is the distance between them after 5 minutes?

Options :

1. ✖ 5 m

2. ✖ 8.0 m

3. ✖ 80 m

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4. ✔ 800 m

Question Number : 15 Question Id : 302616415 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

In a computer game there are builders and destroyers. Together there are 25 of them. The builders try to build a wall around a castle while the destroyers try to demolish it. Each of the builders can build the wall alone in 20 hours while any of the destroyers can demolish it in 15 hours. If all the 25 are made active when there is no wall and the wall gets built in 5 hours, how many of them are destroyers?

Options :

1. ✖ 6

2. ✖ 7

3. ✖ 8

4. ✔ 9

Question Number : 16 Question Id : 302616416 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

A liter of water is evaporated from 8 liters of salt solution containing 5% of salt. What will be the percentage of salt in the remaining solution?

Options :

1. ✖ $\frac{40}{3}\%$

2. ✔ $\frac{40}{7}\%$

3. ✖ $\frac{20}{3}\%$

4. ✖ $\frac{20}{7}\%$

Question Number : 17 Question Id : 302616417 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Let V be the volume of a cuboid. If its length and height are doubled and its breadth is halved then its volume will be equal to:

Options :

1. ✖ V

2. ✔ 2V

3. ✖ $\frac{V}{2}$

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4. ✖ 4V

Question Number : 18 Question Id : 302616418 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Pipes A and B can fill a tank in 37 min 30 sec and 45 min respectively. Both the pipes are opened together, the tank will be filled in just 30 min, if pipe B is turned off after:

Options :

1. ✖ 3 min

2. ✔ 9 min

3. ✖ 6 min

4. ✖ 4 min

Question Number : 19 Question Id : 302616419 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

There is a leak at the bottom of a sump. When the sump is thoroughly repaired, it would be filled in $3\frac{1}{2}$ h. It now takes half an hour longer. If the sump is full, how long would the leak take to empty the sump?

Options :

1. ✖ 22 h

2. ✖ 24 h

3. ✖ 26 h

4. ✔ 28 h

Question Number : 20 Question Id : 302616420 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

After 10 years, Rohan's age will be twice that of Sohan's age 10 years ago. If Rohan is 9 years older than Sohan now, what is Sohan's present age?

Options :

1. ✖ 38 years

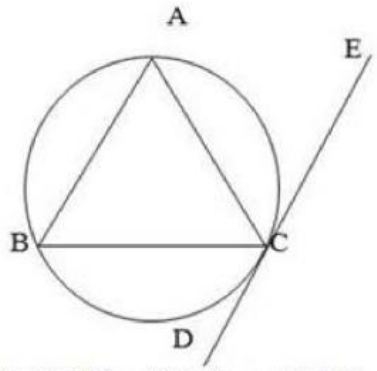
2. ✖ 39 year 4 months

3. ✔ 39 years

4. ✖ 28 years

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Question Number : 21 Question Id : 302616421 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical



If ∠BCD = 59°, then ∠BAC = ?

Options :

1. ✖ 61°

2. ✖ 63°

3. ✔ 59°

4. ✖ 53°

Question Number : 22 Question Id : 302616422 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

If 5 tanØ = 4, then (5sin Ø - 3 cosØ)/(5sinØ + 3cosØ) ?

Options :

1. ✖ 2/5

2. ✔ 1/7

3. ✖ 3/7

4. ✖ 5/7

Question Number : 23 Question Id : 302616423 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The number of solutions of the equation $2(y^2 - 2) - 9y + 14 = 0$, where $y = x + \frac{1}{x}$ is:

Options :

1. ✖ 0

2. ✖ 1

3. ✖ 2

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4. ✔ 3

Question Number : 24 Question Id : 302616424 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

$Sec^2\emptyset = \frac{4xy}{(x+y)^2}$ and $x \neq 0$,
is true if and only if:

Options :

1. ✔ $x = y, x \neq 0$

2. ✖ $x + y \neq 0$

3. ✖ $x = y$

4. ✖ $y \neq 0, x \neq 0$

Question Number : 25 Question Id : 302616425 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

A rectangle having 18 cm and 12 cm as its dimensions was reconstructed to make a rhombus having the same perimeter as that of the rectangle and 120^0 as one of its angles. The area of the rhombus, in cm^2, was:

Options :

1. ✖ $225\sqrt{3}$

2. ✔ $\frac{225\sqrt{3}}{2}$

3. ✖ $75\sqrt{3}$

4. ✖ $\frac{100\sqrt{3}}{3}$

Question Number : 26 Question Id : 302616426 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

In certain codes
BOX : 21524 , MAP : 13116 then RAT : _____

Options :

1. ✖ 17120

2. ✖ 18219

3. ✔ 18120

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4. ✖ 18121

Question Number : 27 Question Id : 302616427 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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

Grass : Green :: Desert :_?

Options :

1. ✔ Dry

2. ✖ Oasis

3. ✖ Big

4. ✖ Shiny

Question Number : 28 Question Id : 302616428 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

In a code language, LET is written as OVG. What is the code for MAKE?

Options :

1. ✖ NZPW

2. ✔ NZPV

3. ✖ MZPW

4. ✖ NZPU

Question Number : 29 Question Id : 302616429 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.

Release : Hold :: Give :

Options :

1. ✖ Go

2. ✖ Let go

3. ✔ Take

4. ✖ Gift

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Question Number : 30 Question Id : 302616430 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Given below are three 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) Some dresses are sarees.
2) No suit is a saree.
3) No pant is a dress.

Conclusions:

I) Some dresses are not suits.
II) All pants are dresses.

Options :

1. ✔ Only conclusion I follows

2. ✖ Only conclusion II follows

3. ✖ Both conclusions I and II follow

4. ✖ Neither conclusion I nor II follow

Question Number : 31 Question Id : 302616431 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

In a certain code, NATURE is written as MBSVQF. Which of the following words would be coded as SOCIETY?

Options :

1. ✔ RPBJDUX

2. ✖ RPBXUJD

3. ✖ JDXPRBU

4. ✖ JUDTU

Question Number : 32 Question Id : 302616432 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 :

An advertisement reads "send your resume and scanned certificates by mail for the post of engineer".

Conclusion :

1. The potential job seeker will send the resume and scanned certificates by courier.
2. The potential job seeker will send the resume and scanned certificates by e-mail.

Options :

1. ✖ Only conclusion 1 follows

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2. ✔ Only conclusion 2 follows

3. ✖ Either 1 or 2 follows

4. ✖ Neither 1 nor 2 follows

Question Number : 33 Question Id : 302616433 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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

Statement: Never before have I seen such a poised lady.

Assumptions:

I. Ladies are usually graceful.

II. Men are not poised.

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 : 302616434 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Consider the following statement and decide which of the assumptions are implied from the given statement.

Statement:

Jaggery is beneficial for health.

Assumptions:

I. Jaggery's color is brown.

II. The process of making jaggery retains the good qualities of the raw material.

Options :

1. ✖ Only assumption I is implicit

2. ✖ Only assumption II is implicit

3. ✔ Neither assumption I nor II is implicit

4. ✖ Both assumptions I and II are implicit

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Question Number : 35 Question Id : 302616435 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:
The use of traditional method of oil extracted through cold pressing is good for health

Arguments:
I. Yes, it is always best as it retains the natural effectiveness of the oil
II. No, oil extracted by this method is costly for general public to buy

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 : 302616436 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:
18, 23, 33, 48, 68, ?

Options :

1. ✔ 93

2. ✖ 95

3. ✖ 100

4. ✖ 110

Question Number : 37 Question Id : 302616437 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
In the above arrangement, the number of letters that are preceded by a symbol and followed by letter is:

Options :

1. ✔ 3

2. ✖ 2

3. ✖ 1

4. ✖ 0

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Question Number : 38 Question Id : 302616438 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Solve the below equation.

$$\frac{8^3-9^3}{8^2+8\times9+9^2} = ?$$

Options :

1. ✖ $\frac{1}{9}$

2. ✖ 1

3. ✔ -1

4. ✖ $\frac{1}{8}$

Question Number : 39 Question Id : 302616439 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

What would be the next term in the following series:
AZ, DW, GT, JQ,___

Options :

1. ✖ NM

2. ✔ MN

3. ✖ MO

4. ✖ LM

Question Number : 40 Question Id : 302616440 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 bag is the lightest among R, N, P and Q?

Statements:

1. Q is lighter than N.
2. The weight of Q is 5 times less than the total weight of P and R taken together.

Options :

1. ✖ Statement 1 alone is sufficient.

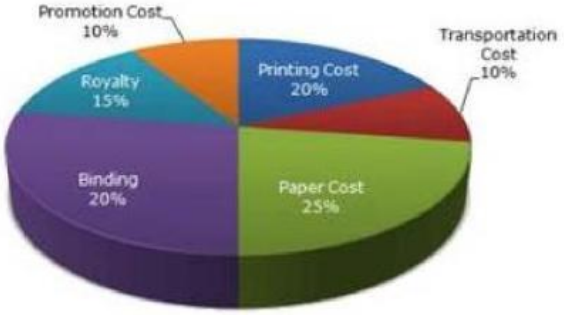
2. ✖ Statements 1 and 2 together are insufficient.

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3. ✔ Statements 1 and 2 together are sufficient.

4. ✖ Statement 2 alone is sufficient.

Question Number : 41 Question Id : 302616441 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical



The pie graph represents the expenditure of a publishing house in Karnataka.
If the total expenditure is ₹ 50,000 then the royalty cost is ____

Options :

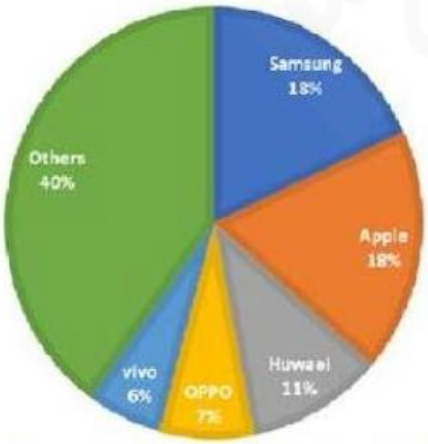
1. ✖ ₹ 12500

2. ✖ ₹ 10000

3. ✔ ₹ 7500

4. ✖ ₹ 5000

Question Number : 42 Question Id : 302616442 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical



The pie graph represents the total sales done by different mobile companies in the year 2017.
The degree made by the arc in the sector corresponding to the sale of Huwaei company is:

Options :

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1. ✖ 39.5°

2. ✖ 40°

3. ✔ 39.6°

4. ✖ 39°

Question Number : 43 Question Id : 302616443 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Last year Geeta's cafe invested ₹ 2,00,000 on shop 1 and ₹ 3,00,000 on shop 2 to refurbish the cafe chain. Over the next 3 quarters, they retrieved the expense Quarter 1 - 40%, Quarter 2 - 25%. How much actual amount was retrieved in quarter 3?

Options :

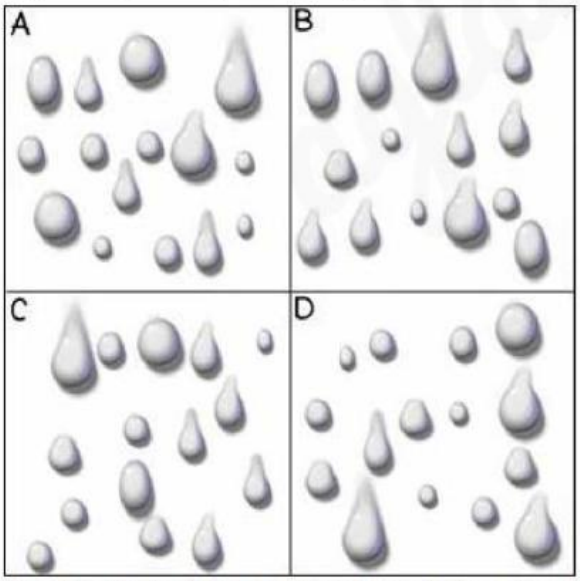
1. ✖ ₹ 60,000

2. ✖ ₹ 70,000

3. ✖ ₹ 1,50,000

4. ✔ ₹ 1,75,000

Question Number : 44 Question Id : 302616444 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical



The figure that does not belong to the group is:

Options :

1. ✖ A

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2. ✔ B

3. ✖ C

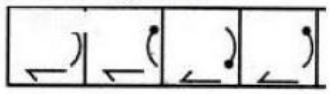
4. ✖ D

Question Number : 45 Question Id : 302616445 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Choose the picture that will replace the question mark in the given figure.



Answer figures:



A B C D

Options :

1. ✖ A

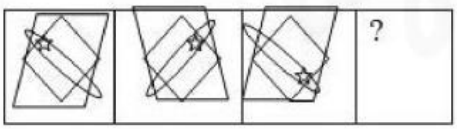
2. ✖ B

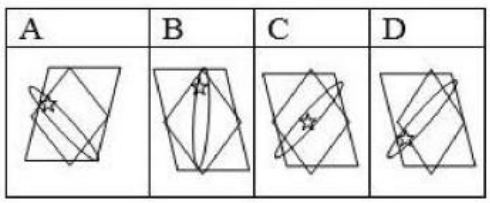
3. ✖ C

4. ✔ D

Question Number : 46 Question Id : 302616446 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Select the option that will come next in the following series.





Options :

1. ✖ A

2. ✖ B

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3. ✖ C

4. ✔ D

Question Number : 47 Question Id : 302616447 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical



Choose the correct picture from the below four pictures:



Options :

1. ✖ A

2. ✔ B

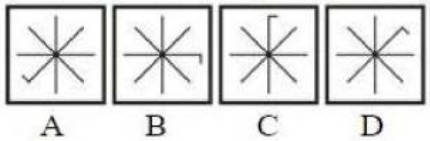
3. ✖ C

4. ✖ D

Question Number : 48 Question Id : 302616448 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 five pictures.



Options :

1. ✔ A

2. ✖ B

3. ✖ C

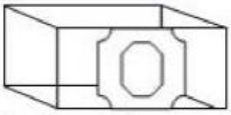
4. ✖ D

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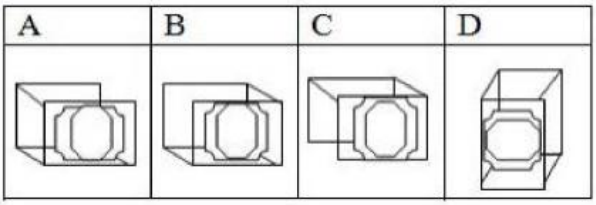
Question Number : 49 Question Id : 302616449 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which of the option figures bears the closest resemblance to the question figure?

Question Figure:



Option Figures:



Options :

1. ✖ A

2. ✖ B

3. ✖ C

4. ✔ D

Question Number : 50 Question Id : 302616450 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Count the number of squares in the following figure:



Options :

1. ✖ 15

2. ✔ 17

3. ✖ 19

4. ✖ 21

Question Number : 51 Question Id : 302616451 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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Read the following information carefully and answer the question that's given below:

Information:

Five friends took part in a race. Rohit finished before Harish but behind Gowtham. Karthick finished before Sunil but behind Harish.

Question:

Who among the following won the race?

Options :

1. ✖ Rohit

2. ✔ Gowtham

3. ✖ Karthick

4. ✖ Harish

Question Number : 52 Question Id : 302616452 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

There are three varieties of juice offered by a restaurant. The restaurant owner conducts a survey on them and comes out with the following figures: 45 like juice 1, 60 like juice 2 and 40 like juice 3. 20 like all the three juices. 30 like at least two of them. Exactly how many like any one of the juices?

Options :

1. ✖ 100

2. ✔ 95

3. ✖ 70

4. ✖ 65

Question Number : 53 Question Id : 302616453 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

L is standing facing South and T is standing at 500 m to the North of L. M is standing 200 m to the left of L. Which direction is M with respect to T?

Options :

1. ✖ North-East

2. ✖ North-West

3. ✔ South-East

4. ✖ South-West

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Question Number : 54 Question Id : 302616454 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Mr X runs a marathon starting from the point A. He runs 5 km towards the north and reaches point B, then turns right and runs 6 km and reaches point C, then turn right and runs 8 km and reaches point D, then turns right and runs 10 km and reaches point E, then turns right and runs 6 km and *reaches* point F, then turns right and runs 1 km and reaches point G, then turns right and runs 3 km and reaches point H.
If Mr X turns right at point C, in which of the following directions is he now facing?

Options :

1. ✖ East

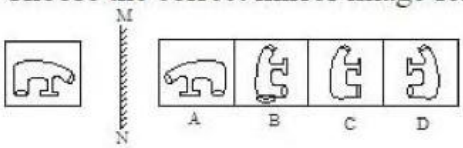
2. ✖ West

3. ✖ North

4. ✔ South

Question Number : 55 Question Id : 302616455 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Choose the correct mirror image for the following figure from the options given below:



Options :

1. ✔ A

2. ✖ B

3. ✖ C

4. ✖ D

Question Number : 56 Question Id : 302616456 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The radius of the earth is _____.

Options :

1. ✔ 6.4×10^{6} m

2. ✖ 6.4×10^{-6} m

3. ✖ 6.4×10^{5} m

4. ✖ 6.4×10^{-5} m

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Question Number : 57 Question Id : 302616457 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

If a planet starts shrinking, the value of 'g' will:

Options :

1. ✖ remain same

2. ✔ start increasing

3. ✖ start Decreasing

4. ✖ become zero

Question Number : 58 Question Id : 302616458 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 straight line, then the motion is called _____.

Options :

1. ✖ oscillatory motion

2. ✔ rectilinear motion

3. ✖ periodic motion

4. ✖ non-uniform motion

Question Number : 59 Question Id : 302616459 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 correct?

A. The distance between two particles is decreased if the gravitational force is constant between them.
B. The distance between two particles is decreased if the gravitational force increases between them.
C. The distance between two particles is decreased if the gravitational force decreases between them.
D. The force between two objects will increase four times if the masses of both the objects are doubled.

Options :

1. ✖ Only A

2. ✖ Only D

3. ✖ Only B

4. ✔ Both B and D

Question Number : 60 Question Id : 302616460 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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An object is placed at a distance of 15 cm on the axis of a convex lens of focal length 10 cm. The image formed is:

Options :

1. ✔ real and enlarged

2. ✖ virtual and enlarged

3. ✖ real and diminished

4. ✖ virtual and diminished

Question Number : 61 Question Id : 302616461 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

An object of mass 25 kg is moving with a uniform velocity of $4\ ms^{-2}$. What is the kinetic energy possessed by the object?

Options :

1. ✖ 100 J

2. ✖ 100 W

3. ✔ 200 J

4. ✖ 200 W

Question Number : 62 Question Id : 302616462 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

An athlete weighing 80 kg runs up 10 steps of 1m on a railway platform in 60 sec. Calculate power (take $g = 9.8\ ms^{-1}$).

Options :

1. ✖ 130.76 W

2. ✖ 130.76 J

3. ✖ 130.67 N

4. ✔ 130.67 W

Question Number : 63 Question Id : 302616463 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The matter or the substance through which sound is transmitted is called a/an_____.

Options :

1. ✖ Object

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2. ✖ Channel

3. ✔ Medium

4. ✖ Source

Question Number : 64 Question Id : 302616464 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Identify the part of the eye from where the light enters?

Options :

1. ✖ Pupil

2. ✖ Iris

3. ✔ Cornea

4. ✖ Ciliary muscles

Question Number : 65 Question Id : 302616465 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Metals and alloys have resistivity of the range of:

Options :

1. ✖ $10^{8}\Omega m$ to $10^{6}\Omega m$

2. ✔ $10^{-8}\Omega m$ to $10^{-6}\Omega m$

3. ✖ $10^{12}\Omega m$ to $10^{17}\Omega m$

4. ✖ $10^{-12}\Omega m$ to $10^{-17}\Omega m$

Question Number : 66 Question Id : 302616466 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The potential difference between the terminals of an electric heater is 60 V when it draws a current of 4 A from the source. What current will the heater draw if the potential difference is increased to 135 V?

Options :

1. ✖ 24 A

2. ✔ 9 A

3. ✖ 8.5 A

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4. ✖ 10 A

Question Number : 67 Question Id : 302616467 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which of the following mixtures is usually separated by the process of Distillation?

Options :

1. ✖ Alcohol and water

2. ✖ Oil and water

3. ✔ Salt and water

4. ✖ Iodine in alcohol

Question Number : 68 Question Id : 302616468 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

In ammonia, nitrogen and hydrogen are always present in the ratio _____ by mass.

Options :

1. ✖ 3 : 14

2. ✔ 14 : 3

3. ✖ 1 : 8

4. ✖ 8 : 1

Question Number : 69 Question Id : 302616469 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Rate of evaporation does NOT get affected by:

Options :

1. ✖ changes in temperature

2. ✖ surface area

3. ✖ wind speed

4. ✔ water level

Question Number : 70 Question Id : 302616470 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 reactions is the opposite of combination reaction?

(i) $NH_4Cl \xrightarrow{Heat} NH_3 + HCl$

(ii) $2H_2O \xrightarrow{electricity} 2H_2 + O_2$

(iii) $Fe + H_2SO_4 \rightarrow FeSO_4 + H_2$

Options :

1. ✖ Options (i), (ii) or (iii)

2. ✖ Options (i) and (iii)

3. ✔ Options (i) and (ii)

4. ✖ None of the options

Question Number : 71 Question Id : 302616471 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 for an acid?

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

Options :

1. Furnishes H^+ in aqueous medium/molten state.

2. Sour in taste.

3. Only some acids (eg NaOH) react with metals (Zn).

4. Reacts with metals and bicarbonates to produce H_2, CO_2 and salt.

Question Number : 72 Question Id : 302616472 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

_____ is obtained on heating limestone.

Options :

1. ✔ Quicklime

2. ✖ Baking soda

3. ✖ Washing soda

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4. ✗ Sodium carbonate

Question Number : 73 Question Id : 302616473 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which of the following elements has the given allotrops - graphite, diamond and buckminister fullerene?

Options :

1. ✗ Hydrocarbon

2. ✓ Carbon

3. ✗ Copper

4. ✗ Zinc

Question Number : 74 Question Id : 302616474 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The 17^{th} group elements are called:

Options :

1. ✓ Halogens

2. ✗ Alkaline earth metals

3. ✗ Alkaline metals

4. ✗ Noble gases

Question Number : 75 Question Id : 302616475 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The correct order of second ionisation potential of carbon, nitrogen, oxygen and fluorine is _____.

Options :

1. ✗ C > N > O > F

2. ✗ O > N > F > C

3. ✓ O > F > N > C

4. ✗ F > O > N > C

Question Number : 76 Question Id : 302616476 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

_____ proposed the five kingdom scheme.

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Options :

1. ✖ Murray

2. ✔ Whittaker

3. ✖ Mandelbrot

4. ✖ Pluto

Question Number : 77 Question Id : 302616477 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

All chordates possess the following features EXCEPT:

Options :

1. ✖ Have a notochord

2. ✖ Are triploblastic

3. ✔ Are diploblastic

4. ✖ Are coelomate

Question Number : 78 Question Id : 302616478 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Exchange of gases take place in human beings in:

Options :

1. ✖ Trachea

2. ✖ Bronchi

3. ✔ Alveoli

4. ✖ Larynx

Question Number : 79 Question Id : 302616479 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

When germ-cells from two individuals combine during sexual reproduction, they form a/an ___.

Options :

1. ✖ embryo

2. ✔ zygote

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3. ✖ endosperm

4. ✖ egg

Question Number : 80 Question Id : 302616480 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The component of chromosome that controls heredity is _____.

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

Options :

1. tRNA

2. RNA

3. mRNA

4. DNA

Question Number : 81 Question Id : 302616481 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The last British woman to win the Wimbledon title was_____.

Options :

1. ✖ Martina Navratilova

2. ✔ Virginia Wade

3. ✖ Sue Barker

4. ✖ Christine Truman

Question Number : 82 Question Id : 302616482 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

In which category did Sushil Kumar win the gold medal at the National Wrestling Championship?

Options :

1. ✖ 59 kg

2. ✖ 75 kg

3. ✔ 74 kg

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4. ✖ 80 kg

Question Number : 83 Question Id : 302616483 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

With which sport is Shiv Chawrasia associated?

Options :

1. ✔ Golf

2. ✖ Polo

3. ✖ Chess

4. ✖ Hockey

Question Number : 84 Question Id : 302616484 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

'Oscars' are also referred to as the _____.

Options :

1. ✖ BAFTA Awards

2. ✔ Academy Awards

3. ✖ Diamond Awards

4. ✖ Golden Awards

Question Number : 85 Question Id : 302616485 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Who is the author of 'Family Life', which won the 2016 International Dublin Literary Award?

Options :

1. ✖ Colm Toibin

2. ✖ A. L. Kennedy

3. ✖ Rohinton Mistry

4. ✔ Akhil Sharma

Question Number : 86 Question Id : 302616486 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which film has won the Best Popular film award in the Jio Filmfare awards, 2018?

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Options :

1. ✖ Newton

2. ✖ Neerja

3. ✔ Hindi Medium

4. ✖ Rustom

Question Number : 87 Question Id : 302616487 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Who was sworn in as the 16th Chief Minister of Gujarat?

Options :

1. ✖ Anandiben Patel

2. ✖ Dilip Parikh

3. ✖ Kaushik Patel

4. ✔ Vijay Rupani

Question Number : 88 Question Id : 302616488 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Who has been appointed as the new Executive Director of Reserve Bank of India in December 2017, after Meena Hemchandra, the executive director in charge of the central bank's supervision department retired?

Options :

1. ✔ Uma Shankar

2. ✖ S. Ganesh Kumar

3. ✖ Malvika Sinha

4. ✖ Chandan Sinha

Question Number : 89 Question Id : 302616489 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

When is the World Health Day celebrated?

Options :

1. ✔ April 7th

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2. ✖ June 5th

3. ✖ October 30th

4. ✖ December 15th

Question Number : 90 Question Id : 302616490 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The Constituent Assembly was formed in 1946, under the scheme formulated by_____.

Options :

1. ✖ Constituency Assembly Plan

2. ✖ Sector Mission Plan

3. ✖ Lok Sabha

4. ✔ Cabinet Mission Plan

Question Number : 91 Question Id : 302616491 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Who was the Prime Minister of India during the emergency declared in 1975?

Options :

1. ✖ Sanjay Gandhi

2. ✔ Indira Gandhi

3. ✖ Rajiv Gandhi

4. ✖ Fakruddin Ali Ahmad

Question Number : 92 Question Id : 302616492 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which of the following Indian states does the political leader Prem Singh Tamang hail from?

Options :

1. ✖ Mizoram

2. ✖ Assam

3. ✖ Manipur

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4. ✔ Sikkim

Question Number : 93 Question Id : 302616493 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which of the following is the highest civilian award presented by the Government of India?

Options :

1. ✖ Ashok Chakra

2. ✖ Padma Vibhushan

3. ✖ Param Vir Chakra

4. ✔ Bharat Ratna

Question Number : 94 Question Id : 302616494 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The First Carnatic War was fought when the French led by Dupleix captured _____.

Options :

1. ✖ Pondicherry

2. ✖ Hyderabad

3. ✖ Bombay

4. ✔ Madras

Question Number : 95 Question Id : 302616495 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Krishnadeva Raya was the greatest ruler of the _____ empire.

Options :

1. ✔ Vijayanagara

2. ✖ Bahmani

3. ✖ Mehrangarh

4. ✖ Kakatiya

Question Number : 96 Question Id : 302616496 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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_____ is leading in Information and Technology Industry in India.

Options :

1. ✖ Noida

2. ✔ Bengaluru

3. ✖ Ahmedabad

4. ✖ Mumbai

Question Number : 97 Question Id : 302616497 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

_____ is a holy town located in the state of Uttarakhand in India.

Options :

1. ✖ Puri

2. ✔ Haridwar

3. ✖ Mathura

4. ✖ Kanchi

Question Number : 98 Question Id : 302616498 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Radha Mohan Singh is the present (as of July 2018) Union Minister handling which portfolio?

Options :

1. ✖ Coal

2. ✖ Petroleum

3. ✖ Road Transport

4. ✔ Agriculture

Question Number : 99 Question Id : 302616499 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Who is the Chairman of Small Industries and Development Bank (SIDBI) as of June 2018?

Options :

1. ✖ Ajay Tyagi

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2. ✔ Mohd. Mustafa

3. ✖ Chanda Kochhar

4. ✖ Vijay Kelkar

Question Number : 100 Question Id : 302616500 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The Twenty Point Programme (TPP), aimed at eradicating poverty and improving the quality of life of the poor and unprivileged, was initiated in the year____.

Options :

1. ✖ 1947

2. ✔ 1975

3. ✖ 1999

4. ✖ 1984

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