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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 30th Oct 2018 Shift2
Subject Name:	Level 1
Duration:	90
Total Marks:	100
Display Marks:	No
Share Answer Key With Delivery Engine:	Yes
Actual Answer Key:	Yes
Calculator:	None
Magnifying Glass Required?:	No
Ruler Required?:	No
Eraser Required?:	No
Scratch Pad Required?:	No
Rough Sketch/Notepad Required?:	No
Protractor Required?:	No
Show Watermark on Console?:	No
Highlighter:	No
Auto Save on Console?:	No

Display Number Panel:	Yes
Group All Questions:	No

Question Number : 1 Question Id : 3026161 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The maximum possible value of LCM of three given numbers is:

Options :

1. ✖ maximum of the three numbers

2. ✖ minimum of the three numbers

3. ✖ product of two maximum value numbers

4. ✔ product of those three numbers

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Question Number : 2 Question Id : 3026162 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The HCF of two numbers is 22 and their LCM is 308. If one of the two numbers is 44, then what is the other number?

Options :

1. ✖ 132

2. ✖ 164

3. ✔ 154

4. ✖ 77

Question Number : 3 Question Id : 3026163 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

If 4.025 is expressed into a fraction in the lowest form, then it is equal to?

Options :

1. ✔ $\frac{161}{40}$

2. ✖ $\frac{116}{40}$

3. ✖ $\frac{161}{20}$

4. ✖ $\frac{116}{20}$

Question Number : 4 Question Id : 3026164 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The reciprocal of $1\frac{2}{3}$ is:

Options :

1. ✖ $3\frac{1}{2}$

2. ✖ $2\frac{2}{3}$

3. ✖ $\frac{2}{3}$

4. ✔ $\frac{3}{5}$

Question Number : 5 Question Id : 3026165 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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The value of $\sqrt{183184}$ is:

Options :

1. ✖ 432

2. ✖ 416

3. ✔ 428

4. ✖ 414

Question Number : 6 Question Id : 3026166 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Find the next number in the given series.

2, 6, 12, 20, 30, ?

Options :

1. ✖ 48

2. ✖ 45

3. ✔ 42

4. ✖ 54

Question Number : 7 Question Id : 3026167 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

$28\frac{1}{2}$ metres of cloth costs ₹ 1254. What is the cost of $8\frac{3}{4}$ metres of cloth?

Options :

1. ✖ ₹ 395

2. ✖ ₹ 380

3. ✖ ₹ 375

4. ✔ ₹ 385

Question Number : 8 Question Id : 3026168 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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Evaluate: $\sqrt{30-\sqrt{30-\sqrt{30-\sqrt{30-\sqrt{...}}}}}$?

Options :

1. ✖ $\sqrt{30}$

2. ✔ 5

3. ✖ 6

4. ✖ 5.4

Question Number : 9 Question Id : 3026169 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

A weaver sells a sari to a shopkeeper at the price of ₹150 and makes a profit of 25%. The shopkeeper sells the same sari to a customer with a profit of 30%. If the weaver could sell the sari directly to the customer at ₹180, then what would be the % profit of the weaver and the gain of the customer in rupees?

Options :

1. ✖ 40%, ₹20

2. ✔ 50%, ₹15

3. ✖ 60%, ₹20

4. ✖ 50%, ₹25

Question Number : 10 Question Id : 30261610 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The percentage loss on selling 12 units of air-conditioners costing a total ₹ 6,48,816 at ₹ 52,283 per unit is nearly:

Options :

1. ✖ 12.21%

2. ✔ 3.30%

3. ✖ 8.74%

4. ✖ 4.05%

Question Number : 11 Question Id : 30261611 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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Smita borrowed ₹ 75,000 at 15% per annum simple interest. On the same day she lent the amount to her friend at the same rate but compounded annually. What does she gain at the end of 2 years?

Options :

1. ✖ ₹ 1,867.5

2. ✖ ₹ 1,887.5

3. ✔ ₹ 1,687.5

4. ✖ ₹ 1,786.5

Question Number : 12 Question Id : 30261612 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Find the difference between the compound interest and simple interest on ₹8,000 at 5% rate of interest for three years.

Options :

1. ✖ ₹68

2. ✔ ₹61

3. ✖ ₹58

4. ✖ ₹95

Question Number : 13 Question Id : 30261613 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Reeta and Meena together can complete a certain job in 10 days while Reeta alone can complete the same job in 15 days. In how many days can Meena alone complete the same job?

Options :

1. ✔ 30 days

2. ✖ 32 days

3. ✖ 28 days

4. ✖ 38 days

Question Number : 14 Question Id : 30261614 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Ratna and Sanju can complete a task individually in 18 and 60 days, respectively. Ratna starts working on the task and works for 3 days. He then takes a break for 5 days during which Sanju works. The pattern is continued till the task is completed. How many days did it take in all to complete the task?

Options :

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1. ✖ 35

2. ✖ 36

3. ✖ 16

4. ✔ 32

Question Number : 15 Question Id : 30261615 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Two trains, 132 metres and 108 metres long, are moving in the opposite direction at a speed of 32 km/h and 40 km/h, respectively. How much time after meeting each other will they take to cross each other completely?

Options :

1. ✔ 12 seconds

2. ✖ 15 seconds

3. ✖ 20 seconds

4. ✖ 32 seconds

Question Number : 16 Question Id : 30261616 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The population of a town is 8000. If the number of males increases by 8% and the number of females increases by 12% the population will be 8680. Find the number of females in the town.

Options :

1. ✔ 1000

2. ✖ 2000

3. ✖ 1500

4. ✖ 2500

Question Number : 17 Question Id : 30261617 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

If one side of a square is increased by 30%, find the percentage increase in its area.

Options :

1. ✖ 72%

2. ✖ 84%

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3. ✔ 69%

4. ✖ 112%

Question Number : 18 Question Id : 30261618 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Four equal circles are drawn at the four corners of a square such that each circle touches two other circles. What is the area of the space enclosed outside the circumferences of the circles towards the middle of the square? Each side of the square measures 28 cm.

Options :

1. ✖ 40 cm^2

2. ✖ 42 cm^2

3. ✖ 32 cm^2

4. ✔ 168 cm^2

Question Number : 19 Question Id : 30261619 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

What was the day of the week on 6^{th} January 2014?

Options :

1. ✖ Tuesday

2. ✖ Wednesday

3. ✖ Friday

4. ✔ Monday

Question Number : 20 Question Id : 30261620 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

On what dates did all the Fridays of July 2007 fall?

Options :

1. ✖ 7, 14, 21, 28

2. ✔ 6, 13, 20, 27

3. ✖ 2, 9, 16, 23, 30

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4. ✖ 5, 12, 19, 26

Question Number : 21 Question Id : 30261621 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Malika and Rani have a total of ₹ 227 between them, Rani and Tamali have ₹ 273 between them, while Tamali and Malika have ₹ 280 between them. How much money does Malika have?

Options :

1. ✖ ₹ 113

2. ✖ ₹ 127

3. ✔ ₹ 117

4. ✖ ₹ 123

Question Number : 22 Question Id : 30261622 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Find the median height, if a survey of the heights (in cm) of 50 girls of Class X of a school obtained the following data:

Height (in cm)	Number of girls
Less than 140 cm	4
Less than 145 cm	11
Less than 150 cm	29
Less than 155 cm	40
Less than 160 cm	46
Less than 165 cm	50

Options :

1. ✖ 144.03 cm

2. ✖ 149.03 cm

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3. ✔ 148.89 cm

4. ✖ 145.03 cm

Question Number : 23 Question Id : 30261623 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

If $x < 5$, then the sign of the value of the expression $-5x^2 + 2x + 7$ is _____.

Options :

1. ✖ positive

2. ✖ negative

3. ✖ non-negative

4. ✔ Cannot say

Question Number : 24 Question Id : 30261624 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

One acute angle of a right angle triangle is $58°$. Find the other acute angle.

Options :

1. ✖ $42°$

2. ✖ $30°$

3. ✖ $22°$

4. ✔ $32°$

Question Number : 25 Question Id : 30261625 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

If the points (0,0), $(3, \sqrt{3})$ and (p,q) form an equilateral triangle, and q_1 and q_2 are the two values of q, then find the value of $q_1 + q_2$.

Options :

1. ✖ $2\sqrt{3}$

2. ✔ $\sqrt{3}$

3. ✖ $-\sqrt{3}$

4. ✖ 0

Question Number : 26 Question Id : 30261626 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Find the analogous pair.

River : Bridge :: ? : ?

Options :

1. ✖ Mountain : Rail

2. ✔ Mountain : Tunnel

3. ✖ Water : Rock

4. ✖ Subway : Underground

Question Number : 27 Question Id : 30261627 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Consider the following statements to be true even if they seem to be at variance from commonly known facts and decide which of the conclusions logically follows from the statements.

Statements:

- All pigeons are doves.
- All doves are oriental rollers.

Conclusions:

1. All oriental rollers are doves.
2. All pigeons are oriental rollers.

Options :

1. ✖ Only conclusion 1 follows

2. ✔ Only conclusion 2 follows

3. ✖ Both conclusions 1 and 2 follow

4. ✖ Either conclusion 1 or 2 follows

Question Number : 28 Question Id : 30261628 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

In a code language, BELT is written as 1419. What is the code for NAIL?

Options :

1. ✔ 3081

2. ✖ 3181

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3. ✖ 3082

4. ✖ 4081

Question Number : 29 Question Id : 30261629 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.

Letters : Words :: Beads :

Options :

1. ✔ Necklace

2. ✖ Glass

3. ✖ Thread

4. ✖ Silver

Question Number : 30 Question Id : 30261630 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) All lawyers are professionals.
2) Some lawyers are intelligent.
3) No intelligent is rich.

Conclusions:

I) At least some lawyers being rich is a possibility.
II) All lawyers, if they are intelligent, are also rich.

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

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Question Number : 31 Question Id : 30261631 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

If X is Y's sister, Z is Y's mother, W is Z's father and V is Z's husband, then V's brother is Y's _____.

Options :

1. ✔ Uncle

2. ✖ Brother

3. ✖ Father

4. ✖ Father-in-law

Question Number : 32 Question Id : 30261632 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Read the following statement and decide which of the conclusions logically follows from the statement.

Statement:
The government had ruined the top universities by appointing bureaucrats as vice chancellors.

Conclusion:
1. The government should appoint vice chancellors considering their expertise in the field of education.
2. Vice chancellors must have good expertise in the field of education and be aware of the achievements of the universities.

Options :

1. ✖ Only conclusion 1 follows

2. ✖ Only conclusion 2 follows

3. ✖ Either conclusion 1 or 2 follows

4. ✔ Both conclusions 1 and 2 follow

Question Number : 33 Question Id : 30261633 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 :
"Triple your money," A tagline on a hoarding.

Assumptions:
I. The assurance is not trustworthy.
II. People want to make money fast.

Options :

1. ✖ Only assumption I is implicit

2. ✔ Only assumption II is implicit

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3. ✖ Neither I nor II is implicit

4. ✖ Both I and II are implicit.

Question Number : 34 Question Id : 30261634 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 following conclusions logically follow(s) from the statement(s):

Statements:

I. All women are flowers.

II. All flowers are trees.

Conclusions:

I. All women are trees.

II. All trees are women.

Options :

1. ✔ Only I follows

2. ✖ Both I and II follow

3. ✖ Either I or II follows

4. ✖ Neither I nor II follows

Question Number : 35 Question Id : 30261635 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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

Statement:

Should there be more pet day-care centres in the city?

Arguments:

I. Yes, now-a-days, many working people have pets at home and they are left alone the whole day. If pet services are offered for reasonable rates, it is always a good option.

II. No, pets centres are not required. Good veterinary clinics are enough

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 : 30261636 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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16, 32, 64, 128, 256, ___ , 1024, 2048 ….The missing term in the sequence is:

Options :

1. ✖ 521

2. ✔ 512

3. ✖ 524

4. ✖ 502

Question Number : 37 Question Id : 30261637 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

b_cdd_b_c_de

The missing term in the above sequence is:

Options :

1. ✖ bedb

2. ✔ bebd

3. ✖ bdeb

4. ✖ cdbd

Question Number : 38 Question Id : 30261638 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

What comes next in the given series:

8P, 16Q, 48S, 192V,?

Options :

1. ✖ 1000Z

2. ✔ 960Z

3. ✖ 965D

4. ✖ 100P

Question Number : 39 Question Id : 30261639 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Complete the series by choose missing term from options: AZZ, BBYYY, CCCXXXX , _____

Options :

1. ✖ EEEEEFFFFF

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2. ✖ GGGGHHHHH

3. ✖ IIIIJJJJJ

4. ✔ DDDDWWWWW

Question Number : 40 Question Id : 30261640 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 box is the lightest among B1, B2 and B3?

Statements:

1. B1 contains tin food
2. B3's weight is one-fourth of the weight of all the other boxes added together.

Options :

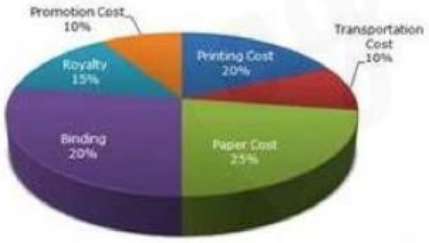
1. ✖ Statement 1 alone is sufficient.

2. ✔ Statements 1 and 2 together are insufficient.

3. ✖ Statement 2 alone is sufficient.

4. ✖ Statements 1 and 2 together sufficient.

Question Number : 41 Question Id : 30261641 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
The central angle of the sector corresponding to the expenditure of transportation is _____ degrees.

Options :

1. ✔ 36

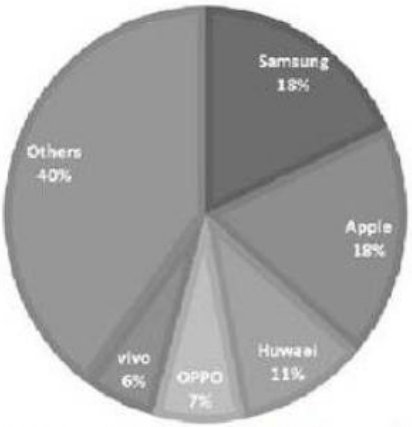
2. ✖ 54

3. ✖ 72

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4. ✖ 90

Question Number : 42 Question Id : 30261642 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.
If the total sales in the year 2017 is 5000 crores, then the sale done by oppo company is _____ crores.

Options :

1. ✖ 900

2. ✖ 550

3. ✔ 350

4. ✖ 2000

Question Number : 43 Question Id : 30261643 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

You are given a question and three statements. Identify which of the statements is/are necessary/sufficient to answer the question.

Question:

There are five used crayons with a boy. He is trying to arrange them from shortest to longest. Which crayon is the longest of all?

Statements:

1. L is longer than G and D.
2. B is longer than L.
3. X is shorter than G.

Options :

1. ✔ Statement 1, 2 and 3 together are sufficient.

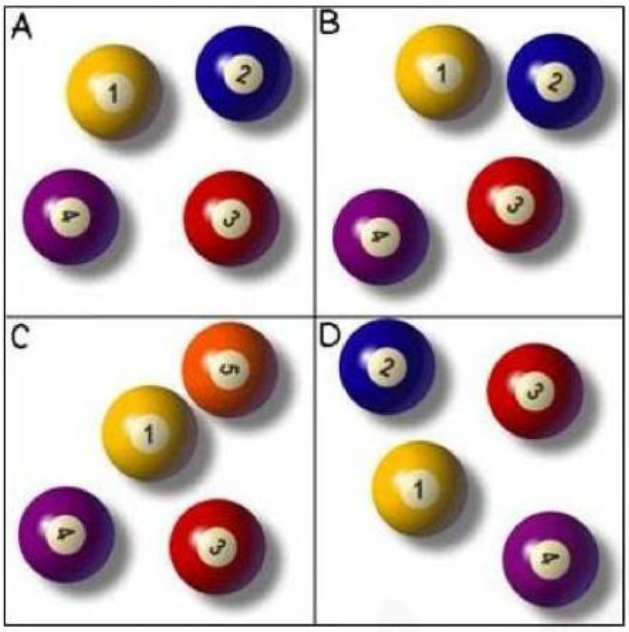
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2. ✖ Statement 1 alone is sufficient.

3. ✖ Statement 2 alone is sufficient.

4. ✖ Neither 1 nor 2 are sufficient.

Question Number : 44 Question Id : 30261644 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

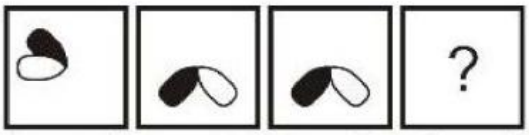
2. ✖ B

3. ✔ C

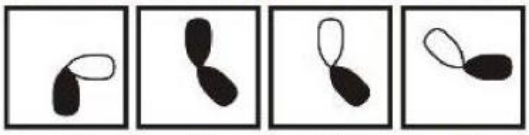
4. ✖ D

Question Number : 45 Question Id : 30261645 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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Choose the correct picture from the options given below which fits the blank space(?) above.



A B C D

Options :

1. ✖ A

2. ✖ B

3. ✔ C

4. ✖ D

Question Number : 46 Question Id : 30261646 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which of the following does NOT belong to this group?

A. Dog
B. Goat
C. Cow
D. Lion

Options :

1. ✖ A

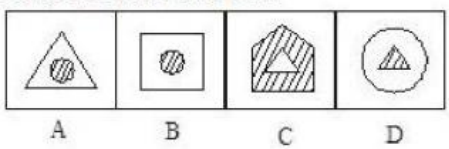
2. ✖ B

3. ✖ C

4. ✔ D

Question Number : 47 Question Id : 30261647 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Find the odd one out:



A B C D

Options :

1. ✖ A

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2. ✖ B

3. ✔ C

4. ✖ D

Question Number : 48 Question Id : 30261648 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical



Choose the correct picture which fit the blank space above.

Options :

1. ✖ 

2. ✖ 

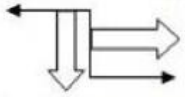
3. ✔ 

4. ✖ 

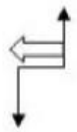
Question Number : 49 Question Id : 30261649 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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

Question Figure:



Option Figures:

A	B	C	D
			

Options :

1. ✖ A

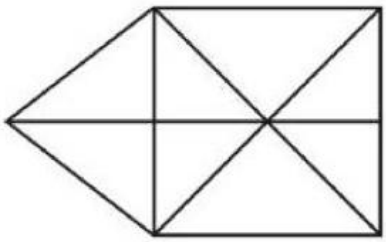
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2. ✖ B

3. ✖ C

4. ✔ D

Question Number : 50 Question Id : 30261650 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical



The number of triangles in the above figure is:

Options :

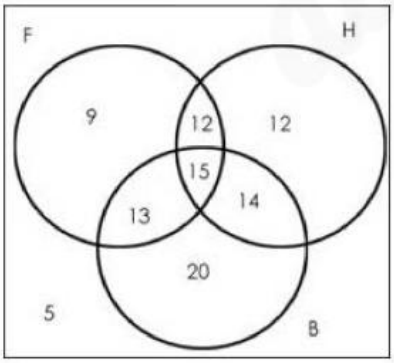
1. ✖ 14

2. ✖ 15

3. ✖ 16

4. ✔ 17

Question Number : 51 Question Id : 30261651 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical



The diagram shows the number of students play football (F), Hockey(H) and basketball(B) in a class Total number of student who play exactly two sport is:

Options :

1. ✖ 41

2. ✖ 54

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3. ✔ 39

4. ✖ 80

Question Number : 52 Question Id : 30261652 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

There are three famous perfume fragrances in a shop offered by a cosmetic company. 40 customers like perfume 1, 30 like perfume 2 and 40 like perfume 3. 10 like all the three perfumes. 20 like at least two of the perfumes. Exactly how many liked any one of the perfumes?

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

Options :

1. 85

2. 75

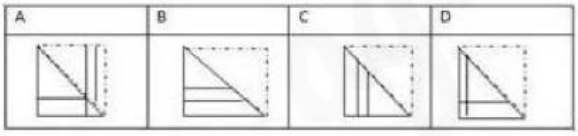
3. 78

4. 80

Question Number : 53 Question Id : 30261653 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which pattern will the given transparent sheet resemble when it is folded at the dotted line?





Options :

1. ✖ A

2. ✔ B

3. ✖ C

4. ✖ D

Question Number : 54 Question Id : 30261654 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Mr. Z, who is facing east, turns left and walks 5 km to reach point A. He then turns left and walks 4 km to reach point B. Then he turns right and walks 3 km to reach point C. Then he turns right and walks 10 km reach point D.
Which direction is Mr. Z now from his starting point?

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Options :

1. ✖ North-west

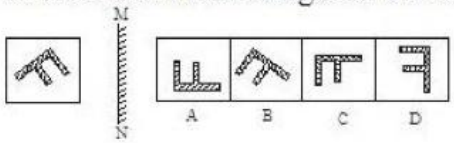
2. ✔ North-east

3. ✖ West

4. ✖ North

Question Number : 55 Question Id : 30261655 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Choose the mirror image for the following figure:



Options :

1. ✖ A

2. ✔ B

3. ✖ C

4. ✖ D

Question Number : 56 Question Id : 30261656 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The value of G was found by _____.

Options :

1. ✖ Newton

2. ✖ Dalton

3. ✔ Henry Cavendish

4. ✖ J.J Thomson

Question Number : 57 Question Id : 30261657 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The value of 'g' ..... is less than the actual value of 'g'

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

Options :

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1. in caves

2. in the sea

3. on mountains

4. Out of the gravitational area of earth

Question Number : 58 Question Id : 30261658 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The force resulting from the action of muscles is known as the:

Options :

1. ✖ Mechanical Force

2. ✖ Chemical Force

3. ✔ Muscular Force

4. ✖ Body Force

Question Number : 59 Question Id : 30261659 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Find the statement/s which is/are INCORRECT.

A. The value of G depends on some other masses kept nearby.

B. The ratio of the force of gravitation between two masses M^1 and M^2 kept at a distance R on the earth and on the moon is 1 : 6.

C. The SI unit of G is $N\,m^2/k\,g^2$

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

Options :

1. Only B

2. Only A

3. Only C

4. A, B and C

Question Number : 60 Question Id : 30261660 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which of the following possesses potential energy?

Options :

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1. ✖ A falling coconut

2. ✔ Water in a dam

3. ✖ A running athlete

4. ✖ A flying aircraft

Question Number : 61 Question Id : 30261661 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

A porter lifts a luggage of 20 kg from the ground and puts it on his head 2 m above the ground. Calculate the work done by him on the luggage (take $g = 10\ m\ s^{-2}$).

Options :

1. ✖ 200 J

2. ✖ 200 W

3. ✖ 400 W

4. ✔ 400 J

Question Number : 62 Question Id : 30261662 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which of the following is INCORRECT about energy conversion?

Options :

1. ✖ Heat energy is converted into electrical energy in thermal power stations.

2. ✖ Chemical energy is converted into electrical energy using an electric cell.

3. ✔ Electrical energy is converted into mechanical energy using an electric heater.

4. ✖ Electrical energy is converted into light energy using an electric bulb.

Question Number : 63 Question Id : 30261663 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The audible range of sound for human beings is about:

Options :

1. ✖ 10 Hz to 1000 Hz

2. ✖ 10 Hz to 2000 Hz

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3. ✖ 10 Hz to 10000 Hz

4. ✔ 20 Hz to 20000 Hz

Question Number : 64 Question Id : 30261664 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

An object is placed in front of a convex mirror. What will be the nature of the image formed?

Options :

1. ✖ Real, inverted, diminished image between C and F

2. ✖ Virtual, erect image of the same size at C

3. ✖ Virtual, erect, diminished image at F

4. ✔ Virtual, erect, diminished image between the Pole and Focus

Question Number : 65 Question Id : 30261665 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

What is the main constituent of LPG ?

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

Options :

1. Butane

2. Methane

3. Propane

4. Ethane

Question Number : 66 Question Id : 30261666 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

A current of 0.75 A is drawn by a filament of an electric bulb for 10 minutes. Find the amount of electric charge that flows through the current.

Options :

1. ✖ 225 C

2. ✖ 240 C

3. ✔ 450 C

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4. ✖ 270 C

Question Number : 67 Question Id : 30261667 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which of the following has the lowest density?

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

Options :

1. Gas

2. Liquid

3. Sodium

4. Mercury

Question Number : 68 Question Id : 30261668 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

_____ is found in nature as a free element.

Options :

1. ✖ Na

2. ✖ Ca

3. ✔ Ag

4. ✖ Al

Question Number : 69 Question Id : 30261669 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

It was assumed by Newlands that only _____ elements existed in nature.

Options :

1. ✖ 46

2. ✖ 64

3. ✖ 65

4. ✔ 56

Question Number : 70 Question Id : 30261670 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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Fill in the blank in the following sentence from the options given below.

____ substance possesses Van der Waal's forces of attraction.

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

Options :

1. Hydrogen

2. Argon

3. Carbon dioxide

4. Carbon monoxide

Question Number : 71 Question Id : 30261671 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/false?Statement

A. The following is an example of reversible reaction

$N_2(g)+3H_2(g) \rightleftharpoons 2NH_3(g)$

B. The following is an example of photolytic decomposition

$$CaCO_3(s) \xrightarrow{heat} CaO(s) + CO_2(g)$$

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 : 72 Question Id : 30261672 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which of the following metals can be cut with a knife?

Options :

1. ✖ Copper

2. ✔ Sodium

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3. ✖ Aluminium

4. ✖ Platinum

Question Number : 73 Question Id : 30261673 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The property of carbon due to which its atom can join with one another to form long carbon chains, called:

Options :

1. ✖ triple covalent

2. ✖ single covalent

3. ✔ catenation

4. ✖ allotropy

Question Number : 74 Question Id : 30261674 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which of the following is a noble gas group?

Options :

1. ✔ 18^{th} or zero group

2. ✖ The halogen group

3. ✖ The alkali metal group

4. ✖ 16^{th} group

Question Number : 75 Question Id : 30261675 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The set representing the correct order of first ionization potential is:

Options :

1. ✖ K > Na > Li

2. ✔ Be > Mg > Ca

3. ✖ B > C > N

4. ✖ Ge > Si > C

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Question Number : 76 Question Id : 30261676 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Anaerobic respiration takes place in the absence of _____ .

Options :

1. ✖ Carbon dioxide

2. ✖ Carbon monoxide

3. ✔ Oxygen

4. ✖ Ozone

Question Number : 77 Question Id : 30261677 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

_____ is a monocot.

Options :

1. ✖ Fern

2. ✖ Spirogyra

3. ✔ Paphiopedilum

4. ✖ Ipomoea

Question Number : 78 Question Id : 30261678 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which of these is not a part of respiratory system?

Options :

1. ✖ Bronchi

2. ✖ Lungs

3. ✖ Trachea

4. ✔ Medulla Oblongata

Question Number : 79 Question Id : 30261679 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Mendel formulated the law of purity of gametes on the basis of:

Options :

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1. ✖ Test cross

2. ✖ Back cross

3. ✖ Dihybrid cross

4. ✔ Monohybrid cross

Question Number : 80 Question Id : 30261680 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The phenotypic ratio in F_2 Generation is _____.

Options :

1. ✖ 1 : 2 : 3

2. ✖ 1 : 2 : 5

3. ✔ 9 : 3 : 3 : 1

4. ✖ 1 : 3 : 3 : 9

Question Number : 81 Question Id : 30261681 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which of the following countries is going to host the maiden Men`s World Boxing Championship, in 2021?

Options :

1. ✔ India

2. ✖ Russia

3. ✖ Bangladesh

4. ✖ Bhutan

Question Number : 82 Question Id : 30261682 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which among the following countries have archery as their national sport?

Options :

1. ✔ Bhutan

2. ✖ China

3. ✖ Srilanka

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4. ✖ Pakistan

Question Number : 83 Question Id : 30261683 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

N.C. Bordoloi indoor stadium is located in which state?

Options :

1. ✔ Assam

2. ✖ Bihar

3. ✖ Punjab

4. ✖ Maharashtra

Question Number : 84 Question Id : 30261684 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which eminent Bengali poet has been chosen for the 31st Moortidevi Award-2017?

Options :

1. ✖ Ravi Kanth

2. ✖ MP Veerendra Kumar

3. ✖ Enoch

4. ✔ Joy Goswami

Question Number : 85 Question Id : 30261685 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Name the director who won the 'Dadasaheb Phalke Award' for 2016 on 3rd May 2017. He has changed the face of Telugu Cinema.

Options :

1. ✖ Manoj Kumar

2. ✖ Shashi Kapoor

3. ✖ Gulzar

4. ✔ Kasinathuni Viswanath

Question Number : 86 Question Id : 30261686 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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The award winning movie 'Little Magician' was shot in which language?

Options :

1. ✖ Hindi

2. ✔ English

3. ✖ Tamil

4. ✖ Marathi

Question Number : 87 Question Id : 30261687 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Who among the following was sworn as the 41st Prime Minister of Nepal?

Options :

1. ✖ Sher Bahadur Deuba

2. ✖ Bidya Devi Bhandari

3. ✔ K P Sharma Oli

4. ✖ Pushpa Dahal

Question Number : 88 Question Id : 30261688 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which Indian personality was conferred with France's highest order of merit 'Legion of Honour' at the 42nd International Kolkata Book Fair in 2018?

Options :

1. ✖ Sourav Chattopadhyay

2. ✔ Soumitra Chattopadhyay

3. ✖ Shubhasish Chattopadhyay

4. ✖ Soumil Chattopadhyay

Question Number : 89 Question Id : 30261689 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Biju Janata Dal is a regional political party of which Indian state?

Options :

1. ✖ Uttar Pradesh

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2. ✔ Odisha

3. ✖ Sikkim

4. ✖ Punjab

Question Number : 90 Question Id : 30261690 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which one of the following articles of the Indian Constitution mentions that the Chief Minister shall be appointed by the Governor?

Options :

1. ✖ Article 162

2. ✔ Article 164

3. ✖ Article 130

4. ✖ Article 122

Question Number : 91 Question Id : 30261691 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Sudhir Mungantiwar handles the _____ portfolio of Maharashtra State.

Options :

1. ✖ Cultural affairs

2. ✖ Housing

3. ✔ Finance and Planning

4. ✖ Ports

Question Number : 92 Question Id : 30261692 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which of the following Indian State Political Parties is led by CF Thomas?

Options :

1. ✖ Hill State People's Democratic Party

2. ✖ Indian National Lok Dal

3. ✖ National People's Party

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4. ✔ Kerala Congress (M)

Question Number : 93 Question Id : 30261693 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

As of August 2018, Piyush Goyal is the union minister of which portfolio?

Options :

1. ✔ Railways

2. ✖ Road Transport

3. ✖ Petroleum

4. ✖ Defence

Question Number : 94 Question Id : 30261694 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The _____ century is regarded as the beginning of the modern period in India.

Options :

1. ✖ nineteenth

2. ✖ sixteenth

3. ✖ seventeenth

4. ✔ eighteenth

Question Number : 95 Question Id : 30261695 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The Brihadeshwara Temple was built by king _____.

Options :

1. ✖ Sri Vijaya

2. ✖ Prithviraj Chauhan

3. ✖ Rajendra Chola

4. ✔ Raja Raja Chola I

Question Number : 96 Question Id : 30261696 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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Gujarat is the largest processor of _____ in India.

Options :

1. ✖ coffee

2. ✖ tea

3. ✔ milk

4. ✖ sugarcane

Question Number : 97 Question Id : 30261697 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Bhushan Power & Steel Limited, Jharsugda is in _____.

Options :

1. ✖ Telengana

2. ✖ Jharkhand

3. ✔ Odisha

4. ✖ Madhya Pradesh

Question Number : 98 Question Id : 30261698 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Minimum Support Price (MSP), frequently seen/heard of term in the news, is related to which of the following?

Options :

1. ✖ Defense

2. ✖ Bank loans

3. ✔ Agriculture and farmers' welfare

4. ✖ Electricity subsidy

Question Number : 99 Question Id : 30261699 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Recently (January 2018), Finance Minister has announced the introduction of electoral bonds. These bonds can be purchased from which of the following banks?

Options :

1. ✖ Punjab National Bank

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2. ✔ State Bank of India

3. ✖ ICICI

4. ✖ Any public sector bank

Question Number : 100 Question Id : 302616100 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

In 2016, the Indian Finance Minister addressed the International Monetary and Financial Committee (IMFC) and presented India as the fastest growing major economy globally with GDP growth at what percentage?

Options :

1. ✖ 5.2

2. ✔ 7.2

3. ✖ 6.2

4. ✖ 8.2

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