Career Railways

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 28th Sept 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 : 6789131301 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Convert $0.\overline{6}$ into a fraction:

Options :

1. ✔ $\frac{2}{3}$

2. ✖ $\frac{4}{3}$

3. ✖ $\frac{6}{3}$

4. ✖ $\frac{2}{6}$

Question Number : 2 Question Id : 6789131302 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

If $\sqrt{45} + \sqrt{20} = 11.180$ find the value of $\sqrt{180} + 4\sqrt{5}$.

Options :

1. ✖ 24.595

2. ✖ 20.124

3. ✔ 22.360

4. ✖ 17.888

Question Number : 3 Question Id : 6789131303 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The square of a natural number (other than 1) is either a multiple of 3 or exceeds a multiple of 3 by:__

Options :

1. ✖ 4

2. ✖ 3

3. ✖ 2

4. ✔ 1

Question Number : 4 Question Id : 6789131304 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The LCM of 60 and 54 is

Options :

1. ✖ 60 × 54

2. ✔ 6 × 10 × 9

3. ✖ 6 × 10 × 3

4. ✖ 6 × 5 × 9

Question Number : 5 Question Id : 6789131305 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

$3 + [32 \div 8 \times 52 \div (4 + 9)] = ?$

Options :

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1. ✖ 20

2. ✖ 21

3. ✔ 19

4. ✖ 18

Question Number : 6 Question Id : 6789131306 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. ✖ 93508

2. ✔ 83508

3. ✖ 73508

4. ✖ 63508

Question Number : 7 Question Id : 6789131307 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

$144 \div [40 - \{37 - (25 - 112 \div \overline{7 \times 4})\}] = ?$

Options :

1. ✖ 2

2. ✖ 4

3. ✔ 6

4. ✖ 8

Question Number : 8 Question Id : 6789131308 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

$\{20 - (25 - 33)\} \div \{-5 \times 4 - (-6)\} + 56 \div (-27 + 13) = ?$

Options :

1. ✔ -6

2. ✖ -2

3. ✖ -4

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4. ✖ 4

Question Number : 9 Question Id : 6789131309 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The ratio of chairs to tables in an office is 9 : 7. If there are 42 more chairs than tables, find the number of chairs in the office.

Options :

1. ✔ 189

2. ✖ 147

3. ✖ 200

4. ✖ 215

Question Number : 10 Question Id : 6789131310 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Sarathi deposited ₹ 3,125 in a bank which promised 8% simple interest per annum. If Sarathi kept the money with the bank for 5 years, he will earn an interest of:

Options :

1. ✖ ₹ 1,290

2. ✖ ₹ 1,280

3. ✔ ₹ 1,250

4. ✖ ₹ 1,240

Question Number : 11 Question Id : 6789131311 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

In a shopping mall, a handbag was sold for ₹2990 after giving a discount of P%, If the marked price of the handbag was ₹4600, find the value of P?

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

Options :

1. 36

2. 40

3. 45

4. 72

Question Number : 12 Question Id : 6789131312 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

In an alloy of German silver, the ratio of copper to zinc was 21 : 16 while that of nickel to zinc was 7 : 24. What was the ratio of copper to zinc to nickel in the alloy?

Options :

1. ✖ 68 : 28 : 21

2. ✔ 63 : 48 : 14

3. ✖ 21 : 16 : 7

4. ✖ 17 : 21 : 4

Question Number : 13 Question Id : 6789131313 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Mark had to travel 220 km in 4.5 hours, using a train that travels at the speed of 60 km/h or a bus that travels at the speed of 40 km/h, or any combination of the two modes of transport. For how long did he travel by bus?

Options :

1. ✖ 1 hour

2. ✖ 1 hour 30 minutes

3. ✖ 2 hours

4. ✔ 2 hours 30 minutes

Question Number : 14 Question Id : 6789131314 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Sunny and Paula can complete a piece of work together in 12 hours. While Paula takes 18 hours to complete the work alone, another individual, Jane, takes 45 hours to complete the same piece of work alone. How many hours would it take Sunny and Jane to complete the same work together?

Options :

1. ✖ 15

2. ✖ 16

3. ✖ 18

4. ✔ 20

Question Number : 15 Question Id : 6789131315 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

A and B together can complete a task in 1.2 days. However, if A works alone, completes half the job and leaves and then B works alone and completes the rest of the work, it takes 2.5 days in all to complete the work. If B is more efficient than A, how many days would it have taken B to do the work by herself?

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Options :

1. ✖ 1.5

2. ✖ 1.8

3. ✔ 2.0

4. ✖ 2.2

Question Number : 16 Question Id : 6789131316 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Pipe A can fill an empty cistern in 5 hours while Pipe B takes 6.25 hours to fill it. The two pipes are opened simultaneously when the cistern is empty, but Pipe B is turned off after some time as a result of which the cistern is filled in 3.4 hours. For how many hours was Pipe B open?

Options :

1. ✖ 1

2. ✖ 1.5

3. ✔ 2

4. ✖ 2.5

Question Number : 17 Question Id : 6789131317 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Monika's father was 38 years of age when she was born while her mother was 36 years old when her sister four years younger to her was born. What is the difference between the ages of her parents?

Options :

1. ✖ 2 years

2. ✖ 4 years

3. ✔ 6 years

4. ✖ 8 years

Question Number : 18 Question Id : 6789131318 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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Pipes A and B, when working together, can fill an empty tank in 24 hours. They work together for 8 hours and then B is stopped but A continued to work. It took a total of 28 hours to fill the tank. How long would it take A to fill the empty tank alone?

Options :

1. ✖ 28 hours

2. ✖ 29 hours

3. ✔ 30 hours

4. ✖ 31 hours

Question Number : 19 Question Id : 6789131319 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

A wooden crate 1.8 m long, 1.5 m wide and 1.2 m in height is filled with iron cubes that are 6 cm wide. Find the maximum number of iron cubes that can be fitted in the crate.

Options :

1. ✖ 13,500

2. ✖ 14,000

3. ✖ 14,500

4. ✔ 15,000

Question Number : 20 Question Id : 6789131320 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The volume of a right circular cone, whose radius of the base is one-third of its altitude, and the volume of a hemisphere are equal. The ratio of the radii of the cone and the hemisphere is:

Options :

1. ✖ 2 : 3

2. ✔ $\sqrt[3]{2} : \sqrt[3]{3}$

3. ✖ $\sqrt[3]{3} : \sqrt[3]{2}$

4. ✖ $\sqrt[3]{2} : 1$

Question Number : 21 Question Id : 6789131321 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

A girl can cycle at 16 km/h and walk at 7 km/h. To cover a distance of 109 km, she takes 8.5 hours. How much distance did she cover on foot?

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Options :

1. ✖ 24.5 km

2. ✖ 28 km

3. ✖ 17.5 km

4. ✔ 21 km

Question Number : 22 Question Id : 6789131322 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The sum of all interior angles of a polygon is 1260°. Find the number of sides of the polygon.

Options :

1. ✔ 9

2. ✖ 8

3. ✖ 10

4. ✖ 11

Question Number : 23 Question Id : 6789131323 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The mean of three numbers is 20. The range of this data set is 12 while the difference between the two smallest numbers is 3. The greatest of the three natural numbers is:

Options :

1. ✖ 24

2. ✖ 25

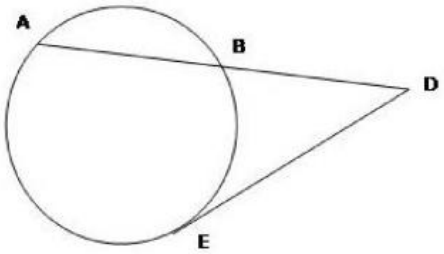
3. ✔ 27

4. ✖ 28

Question Number : 24 Question Id : 6789131324 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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In the circle below, chord $\overline{AB}$ is extended to meet the tangent $\overline{DE}$ at D. If $\overline{AB}$ = 24 cm and $\overline{DE}$ = 9 cm, what is the length of $\overline{BD}$?



Options :

1. ✖ $4\sqrt{6}$ cm

2. ✔ 3 cm

3. ✖ 5 cm

4. ✖ 4 cm

Question Number : 25 Question Id : 6789131325 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The mean of the 8 smallest numbers from a group is 17, while the mean of all the numbers of the group taken together is 20. If the mean of the numbers leaving the smallest eight out is 22, how many numbers were present in the group in all?

Options :

1. ✖ 22

2. ✔ 20

3. ✖ 19

4. ✖ 18

Question Number : 26 Question Id : 6789131326 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Car is related to Tyre in the same way Chair is related to:

Options :

1. ✔ Legs

2. ✖ Rest

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3. ✖ Sit

4. ✖ Back

Question Number : 27 Question Id : 6789131327 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Vandana is the daughter of Vishal and Vanita. Amit is the son of Vanita's brother. Who is Vandana to Amit?

Options :

1. ✖ Niece

2. ✔ Cousin

3. ✖ Brother

4. ✖ Father

Question Number : 28 Question Id : 6789131328 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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

Statement:

Mr. X says that he gets good thought in the morning.

Conclusions:

1. Thoughts come to Mr. X only in the morning.
2. Thoughts does not come to Mr. X in the evening.

Options :

1. ✖ Only conclusion 1 follows

2. ✖ Only conclusion 2 follows

3. ✖ Either 1 or 2 follows

4. ✔ Neither 1 nor 2 follows

Question Number : 29 Question Id : 6789131329 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

In a code language, VEIL is written as 2592. What is the code for MEET?

Options :

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1. ✖ 3551

2. ✖ 3660

3. ✔ 3550

4. ✖ 4550

Question Number : 30 Question Id : 6789131330 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

In a code language, FLUTE is written as 62105. What is the code for HARMONICA?

Options :

1. ✖ 818354932

2. ✖ 918354931

3. ✔ 818354931

4. ✖ 818254931

Question Number : 31 Question Id : 6789131331 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

If YELL is coded as 2551212, then what will be the code for LENT?

Options :

1. ✔ 1251420

2. ✖ 1251421

3. ✖ 1351420

4. ✖ 1251620

Question Number : 32 Question Id : 6789131332 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:

Every week schools should allow a free, full day of physical activity and games.

Arguments:

I. Yes, giving them freedom will help them to interact with others and explore new avenues

II. No, there wouldn't be discipline

Options :

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1. ✔ Only argument I is strong

2. ✖ Only argument II is strong

3. ✖ Neither I nor II is strong

4. ✖ Both I and II are strong

Question Number : 33 Question Id : 6789131333 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 assumption(s) is/are implicit in the statement.

Statement:

Earlier there were many birds in the bird sanctuary.

Assumptions:

I. Birds migrate and come to the sanctuary during a particular period of the year

II. There were good water bodies in that area

Options :

1. ✔ Only I is implicit

2. ✖ Only II is implicit

3. ✖ Neither I nor II is implicit

4. ✖ Both I and II are implicit

Question Number : 34 Question Id : 6789131334 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 assumption(s) is/are implicit in the statement.

Statement:

"Shortage in rainfall results in crop failure" said the meteorologist.

Assumptions:

I. Rainfall is a must for crop success.

II. Irrigation is much dependent on Rainfall.

Options :

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1. ✔ Only I is implicit.

2. ✖ Only II is implicit.

3. ✖ Neither I nor II is implicit.

4. ✖ Both I and II are implicit.

Question Number : 35 Question Id : 6789131335 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:

There should be strict penalty for people using mobile phone why driving.

Arguments:

I. Yes, it will ensure that the number of accidents due to mobile phone usage gets avoided.

II. No, it is difficult to implement as people are used to using cell phones anywhere.

Options :

1. ✖ Both I and II are strong.

2. ✖ Only argument II is strong.

3. ✖ Neither I nor II is strong.

4. ✔ Only argument I is strong.

Question Number : 36 Question Id : 6789131336 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Insert mathematical symbols in the place of ? to get the result.

((10?10)?25)?10 =10

Options :

1. ✖ ×,×,+

2. ✔ -,×,+

3. ✖ -,× ,÷

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4. ✖ +,÷,÷

Question Number : 37 Question Id : 6789131337 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

If '+' indicates mathematical action '–' and '×' indicates mathematical action '÷' then what is the value of $((75+25)\times 5)\times 10$?

Options :

1. ✔ 1

2. ✖ 3

3. ✖ 0

4. ✖ -1

Question Number : 38 Question Id : 6789131338 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

What is the next term in the given series?

22C, 42F, 62I,_____

Options :

1. ✖ 82M

2. ✔ 82L

3. ✖ 82O

4. ✖ 82N

Question Number : 39 Question Id : 6789131339 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Complete the number series by choosing the missing terms from the options.

11, 20, 27, 36, 43, ?, ?, 68, 75

Options :

1. ✖ 50, 59

2. ✔ 52, 59

3. ✖ 52, 61

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4. ✖ 50, 61

Question Number : 40 Question Id : 6789131340 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Based on the following table, what is the average number of screws manufactured in the unit over the given 6 months?

Months	No. of screws manufactured, in thousand
Jan	200
Feb	300
Mar	250
Apr	250
May	250
Jun	250

Options :

1. ✔ 250

2. ✖ 200

3. ✖ 300

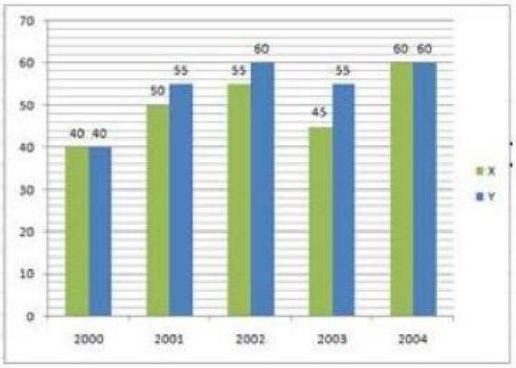
4. ✖ 150

Question Number : 41 Question Id : 6789131341 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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Below is the volume of production of sugar by company X and Y over 5 years.

The production volume denoted in lakh tones



What is the difference in the total production of company X and Y together in years 2000 and 2004?

Options :

1. ✖ 20,00,000 tones

2. ✖ 20,000 tones

3. ✖ 40,000 tones

4. ✔ 40,00,000 tones

Question Number : 42 Question Id : 6789131342 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

A jeweller made a piece of uniquely designed diamond necklace and the selling price was fixed at ₹ 10,00,000. In making this piece, on the raw material, the jeweller had invested ₹ 3,00,000 and had paid a labour charge of ₹ 2,00,000. If 20% of the raw material cost was of gold, what is the actual amount the jeweller had spent in procuring the gold?

Options :

1. ✖ ₹ 3,60,000

2. ✔ ₹ 60,000

3. ✖ ₹ 1,08,000

4. ✖ ₹ 1,60,000

Question Number : 43 Question Id : 6789131343 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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The operating costs of a company are given below.

	2016	2017
Loan Interest	25%	25%
Salary	50%	55%
Tax	25%	20%

The total money spent on operations in 2016 is ₹ 120 lakhs and the total money spent in 2017 is ₹ 150 lakhs.

By how much was the salary in 2017 higher than that of 2016?

Options :

1. ✖ ₹ 20 lakhs

2. ✖ ₹ 5 lakhs

3. ✔ ₹ 22.5 lakhs

4. ✖ ₹ 10 lakhs

Question Number : 44 Question Id : 6789131344 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. Circle

B. Volume

C. Square

D. Rectangle

Options :

1. ✖ A

2. ✔ B

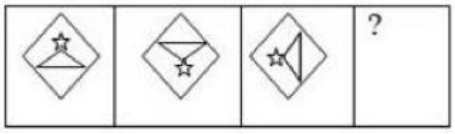
3. ✖ C

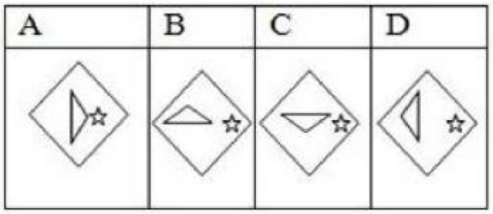
4. ✖ D

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Question Number : 45 Question Id : 6789131345 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Select the option that can replace the question mark (?) in the following series.





Options :

1. ✔ A

2. ✖ D

3. ✖ C

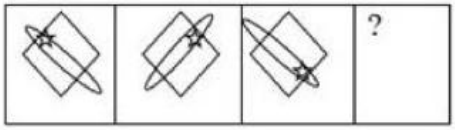
4. ✖ B

Question Number : 46 Question Id : 6789131346 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

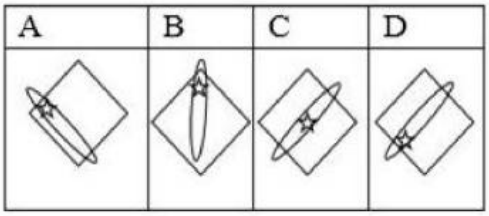
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Select the option figure that will complete the series of question figures.

Question figures:



Option Figures:



Options :

1. ✖ A

2. ✔ D

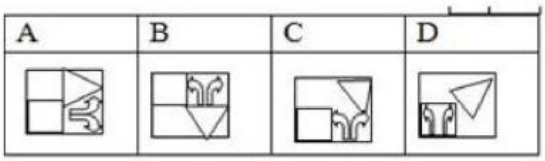
3. ✖ C

4. ✖ B

Question Number : 47 Question Id : 6789131347 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which pattern most closely resembles the following figure?





Options :

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1. ✔ A

2. ✖ B

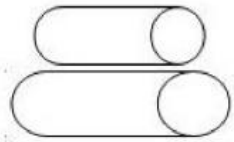
3. ✖ C

4. ✖ D

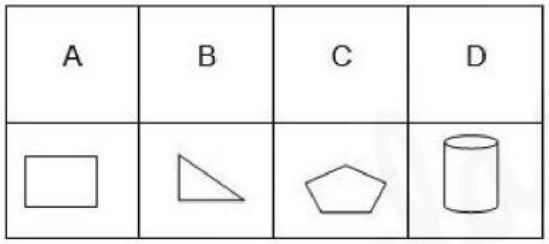
Question Number : 48 Question Id : 6789131348 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which of the following shapes are combined to form this shape?

Question Figure:



Option Figures:



Options :

1. ✖ A

2. ✖ B

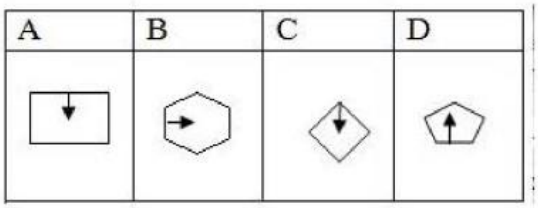
3. ✖ C

4. ✔ D

Question Number : 49 Question Id : 6789131349 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 : 50 Question Id : 6789131350 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

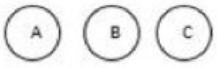
Which of the following correctly represents the relationship between?

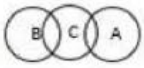
A) Metal

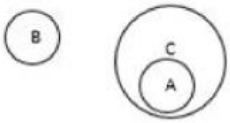
B) Glass

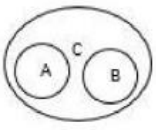
C) Vessels

Options :

1. ✖ 

2. ✔ 

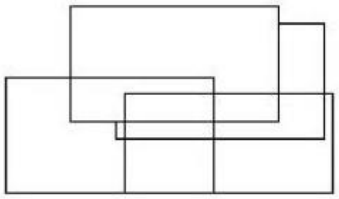
3. ✖ 

4. ✖ 

Question Number : 51 Question Id : 6789131351 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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How many rectangles are there in this figure?



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

Options :

1. 14

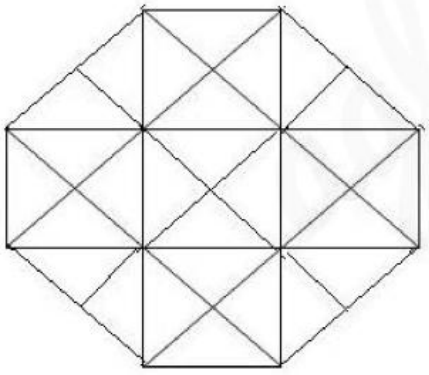
2. 9

3. 16

4. 17

Question Number : 52 Question Id : 6789131352 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

What is the minimum number of lines required to make the following figure?



Options :

1. ✖ 16

2. ✔ 18

3. ✖ 20

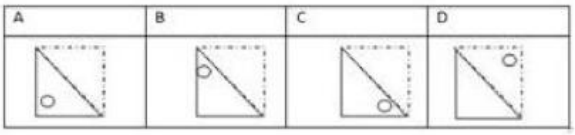
4. ✖ 13

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Question Number : 53 Question Id : 6789131353 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 : 6789131354 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Meenu goes to the grocery shop just adjacent to her home on the right side. Her home's entrance faces East. After entering the shop she turns to her right to start walking towards an aisle that has fresh produce. Which direction is she walking?

Options :

1. ✖ South

2. ✖ East

3. ✔ North

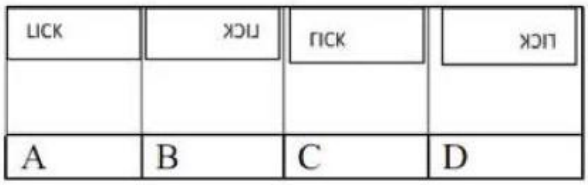
4. ✖ West

Question Number : 55 Question Id : 6789131355 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Select the horizontal mirror image of LICK from option figures.

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Option Figures:



Options :

1. ✖ A

2. ✖ B

3. ✔ C

4. ✖ D

Question Number : 56 Question Id : 6789131356 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

A ball thrown up vertically returns to the ground after 12.5 seconds. Find the velocity with which it was thrown up. (g = $10ms^{-2}$)

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

Options :

1. $125\ ms^{-1}$

2. $65\ ms^{-1}$

3. $12.5\ ms^{-1}$

4. $10\ ms^{-1}$

Question Number : 57 Question Id : 6789131357 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Ram swims in an 80 m long pool. He covers 160 m in one minute by swimming from one end to the other and back, along the same straight path. Find his average speed.

Options :

1. ✖ $2.60\ ms^{-1}$

2. ✔ $2.67\ ms^{-1}$

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3. ✖ $2.07\ ms^{-1}$

4. ✖ $3.67\ ms^{-1}$

Question Number : 58 Question Id : 6789131358 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

If an object with a mass of 25 kg is moving with a uniform acceleration of $8\ ms^{-2}$, then the force exerted by the body is _____.

Options :

1. ✔ 200 N

2. ✖ $200\ ms^2$

3. ✖ 200 J

4. ✖ $200\ ms^{-2}$

Question Number : 59 Question Id : 6789131359 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

A boy standing at the top of a 20-metre-high tower drops a stone. Assuming $g = 10\ m/s^2$, the velocity with which the stone hits the ground is:

Options :

1. ✔ 20 m/s

2. ✖ 10 m/s

3. ✖ 15 m/s

4. ✖ 25 m/s

Question Number : 60 Question Id : 6789131360 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The mass of the earth is _____.

Options :

1. ✖ 6×10^{22} kg

2. ✖ 6×10^{23} kg

3. ✔ 6×10^{24} kg

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4. ✖ 6×10^{25} kg

Question Number : 61 Question Id : 6789131361 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

When two equal forces are acting on a body and opposite in direction, the net force acting on the body becomes ____.

Options :

1. ✖ two-times

2. ✖ three-times

3. ✖ four-times

4. ✔ zero

Question Number : 62 Question Id : 6789131362 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

If a bicycle of mass 10 kg moves at a speed of 20 m/s, then the kinetic energy of the bicycle is:

Options :

1. ✖ 4000 J

2. ✔ 2000 J

3. ✖ 200 J

4. ✖ 400 J

Question Number : 63 Question Id : 6789131363 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which of the following lies on the reflecting surface of the mirror?

Options :

1. ✖ Focus

2. ✔ Pole

3. ✖ Centre of curvature

4. ✖ Focal length

Question Number : 64 Question Id : 6789131364 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The focal length of a lens is 50 centimetre. Its power is:

Options :

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1. ✖ 1 dioptre

2. ✖ 50 dioptre

3. ✔ 2 dioptre

4. ✖ 10 dioptre

Question Number : 65 Question Id : 6789131365 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

_____ is the metal used for making filaments of electric bulbs.

Options :

1. ✖ Nickel

2. ✖ Silver

3. ✔ Tungsten

4. ✖ Iron

Question Number : 66 Question Id : 6789131366 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which of the following effects is not produced by current?

Options :

1. ✖ Magnetic effect

2. ✖ Heating effect

3. ✖ Chemical effect

4. ✔ Contraction effect

Question Number : 67 Question Id : 6789131367 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

_____ element has two orbits that are completely filled.

Options :

1. ✖ He

2. ✔ Ne

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3. ✖ Kr

4. ✖ Ar

Question Number : 68 Question Id : 6789131368 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Variable valency is exhibited by _____.

Options :

1. ✖ Group elements

2. ✖ Valence elements

3. ✖ Alkaline elements

4. ✔ Transition element

Question Number : 69 Question Id : 6789131369 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The formula of lithium nitride is:

Options :

1. ✖ $Li_2 N$

2. ✔ $Li_3 N$

3. ✖ $Li_3 N_2$

4. ✖ LiN

Question Number : 70 Question Id : 6789131370 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

_____ reaction occurs when sodium sulphate reacts with barium chloride.

Options :

1. ✔ Double displacement

2. ✖ Double combination

3. ✖ Single displacement

4. ✖ Single combination

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Question Number : 71 Question Id : 6789131371 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

'Alum' is an example of:

Options :

1. ✖ Table salt

2. ✖ Single salt

3. ✔ Double salt

4. ✖ Flake salt

Question Number : 72 Question Id : 6789131372 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

White phosphorous is stored in:

Options :

1. ✔ Water

2. ✖ Alcohol

3. ✖ Oxygen

4. ✖ Hydrogen

Question Number : 73 Question Id : 6789131373 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

In ethane, each carbon atom is bonded to:

Options :

1. ✖ One atom

2. ✖ Five atoms

3. ✔ Four atoms

4. ✖ Three atoms

Question Number : 74 Question Id : 6789131374 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

_____ is an alkali metal.

Options :

1. ✔ Sodium

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2. ✖ Magnesium

3. ✖ Aluminium

4. ✖ Manganese

Question Number : 75 Question Id : 6789131375 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

In the modern periodic table, periods __ and _____ contain Lanthanoides and Actinoides.

Options :

1. ✖ 4 and 5

2. ✖ 5 and 6

3. ✖ 3 and 4

4. ✔ 6 and 7

Question Number : 76 Question Id : 6789131376 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Vessels are the major water conducting cells in:

Options :

1. ✖ Thallophyta

2. ✔ Angiosperms

3. ✖ Bryophyta

4. ✖ Fungi

Question Number : 77 Question Id : 6789131377 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

In _____ , cells are loosely packed so that large intercellular spaces are found.

Options :

1. ✔ Parenchyma

2. ✖ Collenchyma

3. ✖ Sclerenchyma

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4. ✖ Tracheids

Question Number : 78 Question Id : 6789131378 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

_____ promote(s) cell division.

Options :

1. ✖ Auxin

2. ✖ Gibberellins

3. ✔ Cytokinins

4. ✖ Abscisic acid

Question Number : 79 Question Id : 6789131379 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

_____ Theory of Evolution tells us how life evolved from simple to more complex forms.

Options :

1. ✖ Lamarck's

2. ✔ Darwin's

3. ✖ Mendel's

4. ✖ Wallace

Question Number : 80 Question Id : 6789131380 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

_____ is not the same as reproduction.

Options :

1. ✖ Fission

2. ✖ Multiple fission

3. ✔ Regeneration

4. ✖ Budding

Question Number : 81 Question Id : 6789131381 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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Name the Indian sportsperson who won gold in the Girls Under-12 category at the World Cadets Chess Championship, in 2017.

Options :

1. ✔ Divya Deshmukh

2. ✖ Abhimanyu Puranik

3. ✖ Arya Chopra

4. ✖ Padmini Rout

Question Number : 82 Question Id : 6789131382 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Who was honoured with the prestigious 2018 Padma Bhushan award in the field of Sports-Billiards/Snooker?

Options :

1. ✖ Geet Sethi

2. ✔ Pankaj Advani

3. ✖ Ashok Sandilya

4. ✖ Michael Ferreira

Question Number : 83 Question Id : 6789131383 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Who among the following won a gold medal at the 2017 World Para Swimming Championship?

Options :

1. ✖ Jessica Long

2. ✖ Tucker Dupree

3. ✔ Kanchanmala Pande

4. ✖ Curtis Lovejoy

Question Number : 84 Question Id : 6789131384 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Name the director of the blockbuster movie 'Bahubali'.

Options :

1. ✔ S.S. Rajamouli

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2. ✖ Karan Johar

3. ✖ Prabhu Deva

4. ✖ Madhur Bhandarkar

Question Number : 85 Question Id : 6789131385 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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

Options :

1. ✖ Mumbai

2. ✖ Hyderabad

3. ✔ Goa

4. ✖ Delhi

Question Number : 86 Question Id : 6789131386 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Who is the Director of the movie 'Padmavat', released in 2018?

Options :

1. ✖ S.S.Rajamouli

2. ✖ Raj kumar Hirani

3. ✔ Sanjay leela Bansali

4. ✖ Karan Johar

Question Number : 87 Question Id : 6789131387 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Who is the proponent and propagandist of the "Art of Living"?

Options :

1. ✖ Swaminarayan

2. ✖ Pundit Ravi Shanker

3. ✔ Sri Sri Ravi Shankar

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4. ✖ Sahajanand Swami

Question Number : 88 Question Id : 6789131388 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

A 112 ft tall Shiva statue (Adiyogi) was unveiled on 24th February 2017 in Tamil Nadu by:

Options :

1. ✖ Ram Nath Kovind

2. ✔ Narendra Modi

3. ✖ Rajnath Singh

4. ✖ Ramvilas Paswan

Question Number : 89 Question Id : 6789131389 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Who among the following was appointed as the UN Environment's Goodwill Ambassador for India in November 2017?

Options :

1. ✖ Rekha

2. ✖ Sonakshi Sinha

3. ✖ Vidya Balan

4. ✔ Dia Mirza

Question Number : 90 Question Id : 6789131390 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The host city for the 8th annual Global Entrepreneurship Summit (GES-2017) was:

Options :

1. ✖ Bengaluru

2. ✖ Chennai

3. ✔ Hyderabad

4. ✖ Mysore

Question Number : 91 Question Id : 6789131391 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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Who among the following is the Union Minister of Human Resource Development, Government of India, as of 1 March 2018?

Options :

1. ✖ Smriti Irani

2. ✔ Prakash Javadekar

3. ✖ Radha Mohan Singh

4. ✖ Harsha Vardhan

Question Number : 92 Question Id : 6789131392 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The Chief Minister of Goa as of March 2018, Manohar Parrikar, belongs to:

Options :

1. ✖ Janata Dal Party

2. ✔ Bharatiya Janata Party

3. ✖ Indian National Congress

4. ✖ CPI

Question Number : 93 Question Id : 6789131393 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

As of August 2018, what is the portfolio held by the current Union Minister Smriti Irani?

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

Options :

1. Health and Family Welfare

2. Science and Technology

3. Information and Broadcasting

4. Women and Child Development

Question Number : 94 Question Id : 6789131394 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Kautilya's Arthashastra gives us information about the _____ administration.

Options :

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1. ✔ Mauryan

2. ✖ Gupta

3. ✖ Rashtrakuta

4. ✖ Pratihara

Question Number : 95 Question Id : 6789131395 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Fatehpur Sikri or the 'City of Victory' was _____ capital for 12 years.

Options :

1. ✖ Bahadur Shah's

2. ✖ Babur's

3. ✖ Aurangzeb's

4. ✔ Akbar's

Question Number : 96 Question Id : 6789131396 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Durga Puja is the main festival of _____.

Options :

1. ✖ Rajasthan

2. ✖ Kashmir

3. ✔ West Bengal

4. ✖ Kerala

Question Number : 97 Question Id : 6789131397 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The _____ in India are generally known as 'Tidal Forests'.

Options :

1. ✖ dry lands

2. ✖ desert forests

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3. ✖ mountain forests

4. ✔ wetlands

Question Number : 98 Question Id : 6789131398 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Grey revolution is related to _____.

Options :

1. ✔ fertilizers

2. ✖ fish

3. ✖ leather

4. ✖ silk

Question Number : 99 Question Id : 6789131399 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

According to the World Bank, what is India's position among the world economies based on the year 2017?

Options :

1. ✖ 4

2. ✖ 9

3. ✔ 6

4. ✖ 7

Question Number : 100 Question Id : 6789131400 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The Government of India has tied up with which of the following companies to support Skill India in the automobile industry?

Options :

1. ✖ Tata Motors

2. ✔ Maruti Suzuki

3. ✖ Ashok Leyland

4. ✖ Mahindra & Mahindra Ltd.