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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 16th Nov 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 : 3026161801 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The HCF of $(3^3 \times 6^3 \times 7^3), (3^2 \times 4^5 \times 6^2 \times 7^4), (3^3 \times 4^2 \times 6 \times 7^3)$, is:

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

Options :

1. 2656

2. 2565

3. 22

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4. 2346

Question Number : 2 Question Id : 3026161802 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

$$\frac{\sqrt{196}}{4.375} \times \frac{\sqrt{900}}{9.375} = ?$$

Options :

1. ✖ 8.25

2. ✔ 10.24

3. ✖ 8.24

4. ✖ 9.24

Question Number : 3 Question Id : 3026161803 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

$$3 + 3.33 + 33.3 + 3.03 + 33.03 + 333.3 + 3333 = ?$$

Options :

1. ✖ 3641.99

2. ✖ 3341.99

3. ✖ 3701.99

4. ✔ 3741.99

Question Number : 4 Question Id : 3026161804 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

$$1.25 \times 1.25 + 2.75 \times 2.75 + 2.5 \times 2.5 = ?$$

Options :

1. ✔ 15.375

2. ✖ 3.644

3. ✖ 10.232

4. ✖ 20.00

Question Number : 5 Question Id : 3026161805 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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A motorcycle, before overhauling, requires $\frac{5}{6}$ hour service time every 90 days, while after overhauling, it requires $\frac{5}{6}$ hour service time every 120 days. What fraction overhauling service time is saved in the latter case?

Options :

1. ✖ $\frac{2}{5}$

2. ✔ $\frac{1}{4}$

3. ✖ $\frac{1}{3}$

4. ✖ 1

Question Number : 6 Question Id : 3026161806 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The HCF of two numbers is 70 and their product is 29400. The LCM of these two numbers is:

Options :

1. ✖ 210

2. ✔ 420

3. ✖ 630

4. ✖ 840

Question Number : 7 Question Id : 3026161807 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The ratio of two numbers is 14 : 9 and their HCF is 15. What is the LCM of these numbers?

Options :

1. ✖ 2520

2. ✖ 1260

3. ✖ 630

4. ✔ 1890

Question Number : 8 Question Id : 3026161808 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

If $\sqrt{108} + \sqrt{300} = a$, then what will be the value of $\sqrt{192} + \sqrt{432}$?

Options :

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1. ✖ 1.20a

2. ✔ 1.25a

3. ✖ 1.50a

4. ✖ 1.60a

Question Number : 9 Question Id : 3026161809 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The interest earned on ₹ 125 in four years, if invested at 4.5% simple interest p.a., will be:

Options :

1. ✔ ₹ 22.50

2. ✖ ₹ 21.50

3. ✖ ₹ 22.75

4. ✖ ₹ 22.25

Question Number : 10 Question Id : 3026161810 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

A toy purchased for ₹ 925 was sold at a loss of 16%. The selling price of the toy was:

Options :

1. ✔ ₹ 777

2. ✖ ₹ 787

3. ✖ ₹ 775

4. ✖ ₹ 785

Question Number : 11 Question Id : 3026161811 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

If a man reduces the selling price of a fan from ₹ 400 to ₹ 380, his loss increases by 20%. Find out the cost price of the fan.

Options :

1. ✖ ₹ 550

2. ✖ ₹ 480

3. ✔ ₹ 500

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4. ✖ ₹ 460

Question Number : 12 Question Id : 3026161812 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

$\frac{2}{3}$rd of Tara's amount is equal to $\frac{3}{4}$th of Paro's amount. Between them the duo has £1700. How much money does Paro has?

Options :

1. ✖ £700

2. ✔ £800

3. ✖ £840

4. ✖ £900

Question Number : 13 Question Id : 3026161813 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

A bus takes 4 hours 30 minutes to cover a certain distance at a speed of 60 km/h. How much time will it take for the bus to cover the same distance at a speed of 15 m/s?

Options :

1. ✖ 4 hours

2. ✖ 4 hours 40 minutes

3. ✔ 5 hours

4. ✖ 5 hours 20 minutes

Question Number : 14 Question Id : 3026161814 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The speed of a boat in still water is 40 km/hr. This boat travelled 1,456 km downstream and then travelled back upstream to the starting point. This journey took a total of 80 hours. What is the speed of the stream?

Options :

1. ✖ 8 km/hr

2. ✖ 16 km/hr

3. ✔ 12 km/hr

4. ✖ 10 km/hr

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Question Number : 15 Question Id : 3026161815 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Running $\frac{4}{3}$ of his usual speed, a person improves his timing by 10 minutes. Find his usual time to cover the distance.

Options :

1. ✔ 40 mins

2. ✖ 45 mins

3. ✖ 60 mins

4. ✖ 30 mins

Question Number : 16 Question Id : 3026161816 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

23% of 600 is:

Options :

1. ✖ 13.8

2. ✖ 0.138

3. ✔ 138

4. ✖ 1.38

Question Number : 17 Question Id : 3026161817 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Find out the angle (smaller among the two) between hour hand and minute hand at 2:40.

Options :

1. ✖ 120°

2. ✖ 100°

3. ✖ 175°

4. ✔ 160°

Question Number : 18 Question Id : 3026161818 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Ravinder had obtained some marks out of the maximum marks possible. In percentage terms it was 62.5 % . If another 1 mark question was added to the paper and she answered it correctly, she would have obtained 64 % marks. What was the maximum marks of the test initially?

Options :

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1. ✖ 16

2. ✖ 15

3. ✖ 25

4. ✔ 24

Question Number : 19 Question Id : 3026161819 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Two pipes A and B, with A twice as efficient as B are inlet pipes. Pipe C is an outlet pipe that takes thrice the time to empty a filled cistern that pipe A takes to fill an empty one. If operating together starting from when the cistern is empty, it takes the three pipes 6 hours to fill the cistern. How long will it take Pipes A and C to fill the empty cistern when working together?

Options :

1. ✖ 42 hours

2. ✖ 21 hours

3. ✔ 10.5 hours

4. ✖ 15.75 hours

Question Number : 20 Question Id : 3026161820 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Two pipes A and B can fill a cistern in 75 minutes and 45 minutes respectively. Both pipes are opened together. Then the cistern will be filled in just half an hour if pipe B is turned off after ____ minutes.

Options :

1. ✖ 30

2. ✖ 36

3. ✔ 27

4. ✖ 42

Question Number : 21 Question Id : 3026161821 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

If $\cos 43° = \sqrt{\frac{x}{(x+y)}}$, then find out $\tan 47°$

Options :

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1. ✔ $\sqrt{\frac{x}{y}}$

2. ✖ $\sqrt{\frac{y}{x}}$

3. ✖ $\sqrt{\frac{2y}{x}}$

4. ✖ $\sqrt{\frac{x}{2y}}$

Question Number : 22 Question Id : 3026161822 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Given that $\sin 15^0 = \frac{\sqrt{6}-\sqrt{2}}{4}$, what will be the exact value of $\tan 15^0$?

Options :

1. ✖ $2+\sqrt{3}$

2. ✔ $2-\sqrt{3}$

3. ✖ $2+2\sqrt{3}$

4. ✖ $2-2\sqrt{3}$

Question Number : 23 Question Id : 3026161823 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Out of a total of 135 students, 49 took Mathematics, 45 took Biology, 50 took English, 13 took Mathematics and Biology, 17 took Mathematics and English, and 10 took Biology and English. 22 opted for none of the three subjects. How many students took only Mathematics?

Options :

1. ✖ 32

2. ✔ 28

3. ✖ 31

4. ✖ 29

Question Number : 24 Question Id : 3026161824 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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The area of a rectangle is $2x^2 + 3x + 1$ and its length is $2x + 1$. Find its breadth.

Options :

1. ✖ $2x + 2$

2. ✔ $x + 1$

3. ✖ $x - 1$

4. ✖ $x - 2$

Question Number : 25 Question Id : 3026161825 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

If the mean deviation of the numbers

$1, 1 + d, 1 + 2d \ldots\ldots 1 + 100d$ from their mean is 255, then d is equal to:

Options :

1. ✖ 20.0

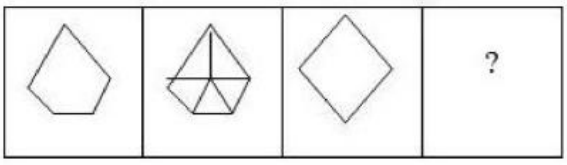
2. ✖ 20.2

3. ✔ 10.1

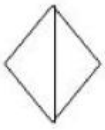
4. ✖ 10.5

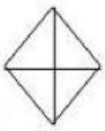
Question Number : 26 Question Id : 3026161826 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Choose the correct answer figure from the following four options:



Options :

1. ✖ 

2. ✔ 

3. ✖ 

4. ✖ 

Question Number : 27 Question Id : 3026161827 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Y is the son-in-law of V. Z is the daughter of Y. Z is _____ to V.

Options :

1. ✖ brother

2. ✖ brother-in-law

3. ✖ son

4. ✔ grand-daughter

Question Number : 28 Question Id : 3026161828 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Vibin said to Lokesh, "That boy playing cricket is younger of the two brothers of the daughter of my father's wife". How is the boy playing cricket related to Vibin?

Options :

1. ✔ Brother

2. ✖ Father

3. ✖ Son

4. ✖ Brother-in-law

Question Number : 29 Question Id : 3026161829 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

In a certain code, MARBLE is written as RAMELB. How is SMOOTH written in that code?

Options :

1. ✔ OMSHTO

2. ✖ SMOHTN

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3. ✖ OSMTHO

4. ✖ DTHOMS

Question Number : 30 Question Id : 3026161830 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

In this question, a statement is followed by two conclusions numbered I and II. You have to take the given statement to be true even if it seems to be at variance with the commonly known facts and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts.

Statement:

Electricity is becoming expensive with each passing day and more people are getting interested in using solar energy to meet their electricity needs.

Conclusions:

I. It is always good enough to be dependent on potential energy.

II. It brings down the burden of government to generate power to meet the increasing power requirements.

Options :

1. ✖ Only conclusion I follows

2. ✖ Only conclusion II follows

3. ✖ Either I or II follows

4. ✔ Both I and II follow

Question Number : 31 Question Id : 3026161831 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

If pink is called orange, orange is called blue, blue is called black, black is called yellow, yellow is called red, then what is the color of a school bus?

Options :

1. ✖ Yellow

2. ✖ Blue

3. ✖ Black

4. ✔ Red

Question Number : 32 Question Id : 3026161832 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Read the following statements and the conclusions that follow. Decide which of the two conclusions follow from the given statement.

Statement:

To pass the certification course, Naresh must work hard.

Conclusions:

1) Naresh wants to pass the certification course.

2) Naresh cannot pass without hard work.

Options :

1. ✗ Only conclusion 1 follows

2. ✗ Either conclusion 1 or 2 follows

3. ✓ Only conclusion 2 follows

4. ✗ Both conclusions 1 and 2 follow

Question Number : 33 Question Id : 3026161833 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:

If she is intelligent, she will pass the engineering entrance exam.

Assumptions:

I. she will pass the engineering entrance exam.

II. To pass, she must be intelligent.

Options :

1. ✗ Only I is implicit

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2. ✔ Only II is implicit

3. ✖ Either I or II is implicit

4. ✖ Neither I nor II is implicit

Question Number : 34 Question Id : 3026161834 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: "This work is still pending", says the contractor to the construction worker.

Conclusions:

I. The contractor has employed workers to finish a job.

II. The workers have not completed the job yet.

Options :

1. ✖ Conclusion I alone follows.

2. ✖ Conclusion II alone follows.

3. ✔ Both conclusions follow.

4. ✖ Neither I nor II follows.

Question Number : 35 Question Id : 3026161835 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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

Statement:
Reading books gives lot of information

Assumptions:
I. Knowledge is gained only by reading books
II. Reading books makes people wise

Options :

1. ✖ Only I is implicit

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2. ✖ Only II is implicit

3. ✖ Both I and II are implicit

4. ✔ Neither I nor II is implicit

Question Number : 36 Question Id : 3026161836 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Select the most appropriate option that gives the missing number in the series.

11, 23, 48, 99, 202, ___?

Options :

1. ✖ 404

2. ✔ 409

3. ✖ 410

4. ✖ 420

Question Number : 37 Question Id : 3026161837 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Fill in the blank:

23___C ___7 F G ___ 5 D ___8 ___ H I

Options :

1. ✖ B, 6, 9, E, 10

2. ✖ B, 4, 5, E, 9

3. ✔ B, 6,4, E, 9

4. ✖ B, 5, 4, E, 9

Question Number : 38 Question Id : 3026161838 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

If '<' means '+' and '+' means '÷', then what is the value of $[(5 < 5)] + 3$?

Options :

1. ✖ 3

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2. ✔ $\frac{10}{3}$

3. ✖ 9

4. ✖ 6

Question Number : 39 Question Id : 3026161839 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

If in a certain code, EIGHT is coded as 12345678 and ELEVEN is coded as 1234567891011, what will be the code for SIX?

Options :

1. ✖ 12345789

2. ✔ 123456

3. ✖ 12345678913

4. ✖ 1234567890

Question Number : 40 Question Id : 3026161840 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:

P, Z and A are football teams. On arranging them in descending order according to the average goals obtained by them, who is in the second position from the top?

Statements:

1. A has scored more goals than P and Z.
2. Z has scored more goals than P.

Options :

1. ✖ Statement 1 alone is sufficient.

2. ✔ Statements 1 and 2 together are sufficient.

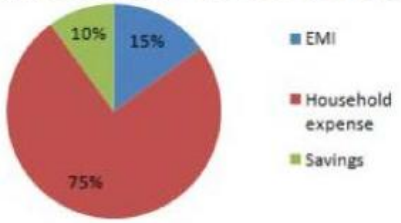
3. ✖ Statement 2 alone is sufficient.

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4. ✖ Statements 1 and 2 together are insufficient.

Question Number : 41 Question Id : 3026161841 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The percentage distribution of Sugan's monthly household expenses into three segments is shown in the following figure. If he earns ₹ 30,000 a month, what is the EMI amount he pays every month?



Options :

1. ✖ ₹ 2,500

2. ✔ ₹ 4,500

3. ✖ ₹ 3,000

4. ✖ ₹ 3,500

Question Number : 42 Question Id : 3026161842 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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

Question:

Laila has 7 nail paints of 3 different brands. Find how many X brand nail paints she has?

Statements:

1. There are 2 golden colour nail paints from brand Y.
2. The number of nail paints of Z brand are twice that of brand Y.

Options :

1. ✖ Statement 1 alone is sufficient.

2. ✖ Statement 2 alone is sufficient.

3. ✖ Statement 1 and 2 together are not sufficient.

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4. ✔ Statements 1 and 2 together are sufficient.

Question Number : 43 Question Id : 3026161843 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which of the statements is sufficient to answer the question?

Question:

How old is Vivek?

Statements:

I. Vivek is two years older than Suraj.

II. Suraj is three years elder than his sister.

Options :

1. ✖ Only statement I is sufficient

2. ✖ Only statement II is sufficient

3. ✔ Neither statement I nor II is sufficient

4. ✖ Both statements I and II are sufficient

Question Number : 44 Question Id : 3026161844 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

If A + 2B = 2C + 5, C+ 2A = B, then C = ?

Options :

1. ✖ 1

2. ✖ A + 1

3. ✔ B − 2

4. ✖ A + B

Question Number : 45 Question Id : 3026161845 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

TEN__ Find the missing letter in the above word to form a meaningful word.

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Options :

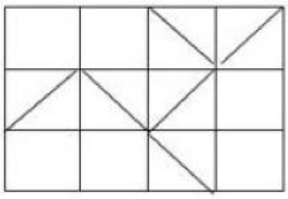
1. ✖ M

2. ✔ D

3. ✖ P

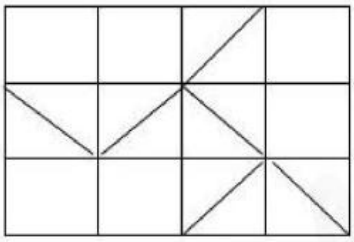
4. ✖ N

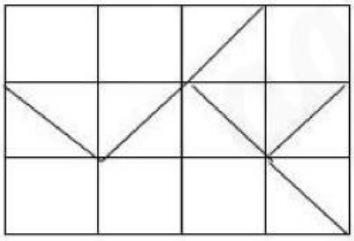
Question Number : 46 Question Id : 3026161846 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

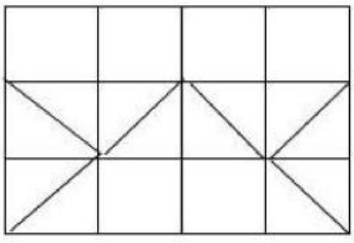


Choose the correct water image of the above figure from the options given below.

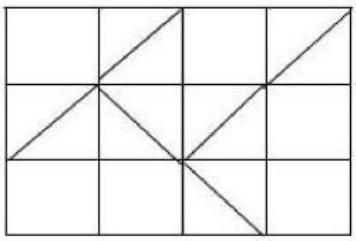
Options :

1. ✔ 

2. ✖ 

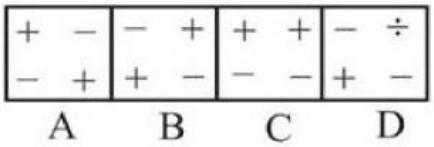
3. ✖ 

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4. ✖ 

Question Number : 47 Question Id : 3026161847 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Choose the figure that is different from the others.



Options :

1. ✖ A

2. ✖ B

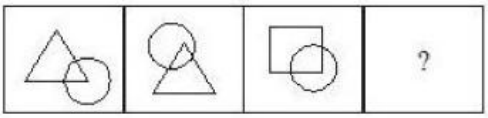
3. ✖ C

4. ✔ D

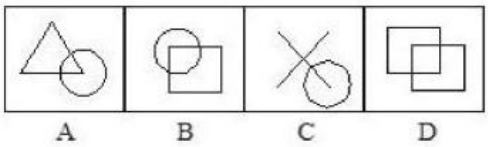
Question Number : 48 Question Id : 3026161848 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which figure would follow next in the given series?

Problem figures:



Answer figures:



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Options :

1. ✖ A

2. ✔ B

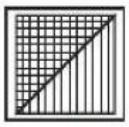
3. ✖ C

4. ✖ D

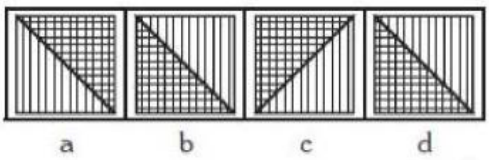
Question Number : 49 Question Id : 3026161849 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Choose the water image of the given figure.

Problem figures:



Answer figures:



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

Options :

1. a

2. b

3. c

4. d

Question Number : 50 Question Id : 3026161850 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

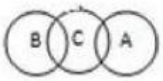
Which of the following correctly represents the relationship between:

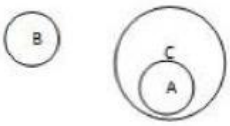
A) Musician
B) Poet
C) Artist

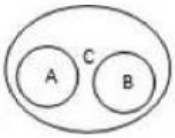
Options :

1. ✖ 

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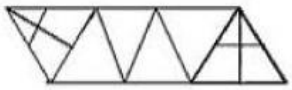
2. ✖ 

3. ✖ 

4. ✔ 

Question Number : 51 Question Id : 3026161851 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

How many triangles are there in the following figure?



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

Options :

1. 10

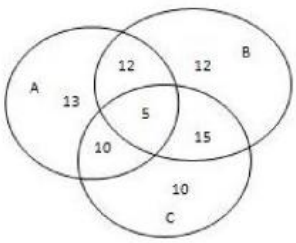
2. 14

3. 12

4. 6

Question Number : 52 Question Id : 3026161852 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The given Venn diagram represents the sports preferences of a group of college students. There are three games: A - Badminton, B - Basketball and C - Tennis. How many students like to play exactly two of these games?



Options :

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1. ✔ 37

2. ✖ 5

3. ✖ 17

4. ✖ 35

Question Number : 53 Question Id : 3026161853 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

If southeast becomes north and northeast becomes west and so on then what does west becomes:

Options :

1. ✖ North

2. ✖ South

3. ✖ Northwest

4. ✔ Southeast

Question Number : 54 Question Id : 3026161854 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

At point O, facing east a person walks 2 km reach point A, then turns right walks 4km reach point B, then turns left walks 2 km reach point C, then turns left walks 8 km reach point D, then turns left walks 8 km reach point E, then turns left walks 4 km reach point F

Shortest distance between the point A and the point C is _____.

Options :

1. ✖ $2\sqrt{8}$

2. ✖ 32

3. ✔ $2\sqrt{5}$

4. ✖ 36

Question Number : 55 Question Id : 3026161855 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Pallavi, Qamruddin, Ravi and Tinku are four friends. Qamruddin is to the south-east of Pallavi; Ravi is to the east of Qamruddin and south-east of Pallavi; and Tinku is to the north of Ravi, in line with Qamruddin and Pallavi. In which direction with respect to Pallavi is Tinku?

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

Options :

1. South-east

2. North

3. North-east

4. East

Question Number : 56 Question Id : 3026161856 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The thrust on the rocket in the absence of gravitational force of attraction is:

Options :

1. ✖ not constant

2. ✖ constant if the rate of ejected gases is constant

3. ✖ constant for short range rocket.

4. ✔ constant

Question Number : 57 Question Id : 3026161857 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The distance covered by a freely falling body in 2 s will be:

Options :

1. ✖ 4.9 m

2. ✖ 9.8 m

3. ✔ 19.6 m

4. ✖ 39.2 m

Question Number : 58 Question Id : 3026161858 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The attractive force between any two massive objects is called:

Options :

1. ✖ Frictional force

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2. ✔ Gravitational force

3. ✖ Mechanical Force

4. ✖ Centripetal force

Question Number : 59 Question Id : 3026161859 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

If the distance between two bodies becomes 6 times more than the usual distance, then the F becomes _____.

Options :

1. ✖ 36 times

2. ✖ 6 times

3. ✖ 12 times

4. ✔ $\frac{1}{36}$ times

Question Number : 60 Question Id : 3026161860 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Potential energy and kinetic energy are two types of

Options :

1. ✖ Chemical energy

2. ✖ Sound energy

3. ✖ Gravitational energy

4. ✔ Mechanical energy

Question Number : 61 Question Id : 3026161861 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

What is the capacity to do work called?

Options :

1. ✖ Force

2. ✖ Motion

3. ✖ Velocity

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4. ✔ Energy

Question Number : 62 Question Id : 3026161862 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which of the following pair has same units?

Options :

1. ✖ Force and pressure

2. ✖ Force and thrust

3. ✖ Velocity and displacement

4. ✔ Work and energy

Question Number : 63 Question Id : 3026161863 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The time taken to complete one oscillation of density in the medium is called:

Options :

1. ✖ Frequency of wave

2. ✔ Time period of wave

3. ✖ To and fro motion of wave

4. ✖ Oscillation of wave

Question Number : 64 Question Id : 3026161864 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Rarefactions are formed where air pressure is:

Options :

1. ✔ Lower

2. ✖ Higher

3. ✖ Same

4. ✖ Cannot be determined

Question Number : 65 Question Id : 3026161865 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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The power from the sun intercepted by the earth is approximately

Options :

1. ✖ 1.8×10^{8} MW

2. ✔ 1.8×10^{11} MW

3. ✖ 1.8×10^{14} MW

4. ✖ 1.8×10^{17} MW

Question Number : 66 Question Id : 3026161866 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The symbol of cell in an electric circuit diagram has a longer and a shorter line. The longer line represents its _____terminal.

Options :

1. ✖ right

2. ✖ left

3. ✔ positive

4. ✖ negative

Question Number : 67 Question Id : 3026161867 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

How many molecules are present in one gram of hydrogen?

Options :

1. ✖ 1.5×10^{23}

2. ✖ 2.5×10^{23}

3. ✔ 3.01×10^{23}

4. ✖ 6.02×10^{23}

Question Number : 68 Question Id : 3026161868 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The ratio of mass of hydrogen to the mass of oxygen is always _____.

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

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Options :

1. 8 : 1

2. 1 : 8

3. 3 : 14

4. 14 : 3

Question Number : 69 Question Id : 3026161869 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The number of electrons that can be accommodated in N shell is _____.

Options :

1. ✖ 2

2. ✖ 8

3. ✖ 18

4. ✔ 32

Question Number : 70 Question Id : 3026161870 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which of the following statements is INCORRECT with respect to the properties of bases?

Options :

1. ✖ Bases have bitter taste.

2. ✖ Bases are soapy in touch.

3. ✔ Bases turn blue litmus to red.

4. ✖ Basses conduct electricity in a solution (they are electrolytes).

Question Number : 71 Question Id : 3026161871 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

A. A base which is completely ionized in water and it produces a large number of OH^+ ions. For example NaOH, KOH

B. A base which is partially ionized in water and it produces a small number of OH^- ions. For example KOH

Options :

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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 : 3026161872 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The inorganic elements or compounds which occur naturally in the earth's crust are called:

Options :

1. ✔ Minerals

2. ✖ Ore

3. ✖ Metals

4. ✖ Flux

Question Number : 73 Question Id : 3026161873 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which of the following is used to make perfumes and as flavouring agents

Options :

1. ✖ Methane

2. ✔ Benzene

3. ✖ Esters

4. ✖ Propane

Question Number : 74 Question Id : 3026161874 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Both the elements in first period contains valence electrons in the _____.

Options :

1. ✖ M shell

2. ✖ N shell

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3. ✔ K shell

4. ✖ L shell

Question Number : 75 Question Id : 3026161875 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The element, which has the highest electron affinity in the 3rd period is _____.

Options :

1. ✖ Na

2. ✖ Mg

3. ✖ Si

4. ✔ Cl

Question Number : 76 Question Id : 3026161876 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Squamous epithelium tissue is found in the alveoli of the lung and other parts of animals where _____ contraction and relaxation takes place.

Options :

1. ✔ Regular

2. ✖ Temporary

3. ✖ No

4. ✖ One

Question Number : 77 Question Id : 3026161877 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Histamine-secreting cells are found in:

Options :

1. ✔ connective tissues

2. ✖ nervous tissues

3. ✖ lungs

4. ✖ muscular tissue

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Question Number : 78 Question Id : 3026161878 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The first step in respiration is the breakdown of glucose into _____.

Options :

1. ✖ ethanol

2. ✔ pyruvate

3. ✖ lactic acid

4. ✖ carbon dioxide

Question Number : 79 Question Id : 3026161879 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Menstruation is indicated by the bleeding through vagina due to:

Options :

1. ✖ bursting of ovum

2. ✖ bursting of sperm

3. ✔ breaking of the lining of the uterus

4. ✖ breaking of the wall of the vagina

Question Number : 80 Question Id : 3026161880 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which of the given statements is/are true?

A. In this, parent cell divides into two equal and identical daughter cells; e.g. Amoeba, Paramecium, Leishmania, Cryptosomonas Bacteria, etc.
B. In multiple fission, the unicellular organism divides into many daughter cells.
C. In budding, a small protuberance called bud arises from the body of the organism. This bud grows in size and grows into a new individual; e.g. spirogyra, planaria.

Options :

1. ✖ Only A

2. ✔ A and B

3. ✖ Only B

4. ✖ A, B and C

Question Number : 81 Question Id : 3026161881 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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The Khelo India Logo is designed by:

Options :

1. ✖ Lowe Lintas

2. ✔ Ogilvy India

3. ✖ Grey Advertising

4. ✖ JWT India

Question Number : 82 Question Id : 3026161882 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

With which sport the term 'Night Watchman' is associated?

Options :

1. ✖ Hockey

2. ✖ Football

3. ✖ Golf

4. ✔ Cricket

Question Number : 83 Question Id : 3026161883 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which of the following Indian Cricketer was included in ICC hall of fame, 2018?

Options :

1. ✔ Rahul Dravid

2. ✖ Sachin Tendulkar

3. ✖ Virat Kohli

4. ✖ Javagal Srinath

Question Number : 84 Question Id : 3026161884 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Albert Einstein and Sigmund Freud wrote a book together which was titled_____.

Options :

1. ✖ The Interpretation of Dreams

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2. ✔ Why War?

3. ✖ Totem and Taboo

4. ✖ Studies on Hysteria

Question Number : 85 Question Id : 3026161885 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Who is the author of the book "It Happens for a Reason"?

Options :

1. ✔ Preeti Shenoy

2. ✖ Nikita Singh

3. ✖ Novoneel Chakraborty

4. ✖ Anita Nair

Question Number : 86 Question Id : 3026161886 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which Indian woman cricketer won the Arjuna Award for 2017?

Options :

1. ✖ Mithali Raj

2. ✔ Harmanpreet Kaur

3. ✖ Jhulan Goswami

4. ✖ Shikha Pandey

Question Number : 87 Question Id : 3026161887 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The two Indians who won the 2016 Ramon Magsaysay Award are Bezwada Wilson and _____.

Options :

1. ✔ TM Krishna

2. ✖ Shanmugam

3. ✖ Pandurang

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4. ✖ Sandeep Pandey

Question Number : 88 Question Id : 3026161888 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which university conferred an honorary D.Litt on Indian Geneticist Dr. MS Swaminathan?

Options :

1. ✔ Mumbai University

2. ✖ Punjab University

3. ✖ Andhra University

4. ✖ Osmania University

Question Number : 89 Question Id : 3026161889 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which of the following awards is given for the excellence in journalism?

Options :

1. ✖ Dadasaheb Phalke

2. ✔ Ramnath Goenka

3. ✖ Sahitya Akademi

4. ✖ Gururaja Bhat

Question Number : 90 Question Id : 3026161890 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which city is known as the commercial capital of India?

Options :

1. ✖ Chennai

2. ✖ New Delhi

3. ✖ Bengaluru

4. ✔ Mumbai

Question Number : 91 Question Id : 3026161891 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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Union Civil Aviation Minister Ashok Gajapati Raju recently resigned from the Modi cabinet. What was the reason for the resignation?

Options :

1. ✔ Special-category-status issue of Andhra Pradesh

2. ✖ Losses for the national carrier, Air India

3. ✖ Corruption charges on Rafale aircraft purchase

4. ✖ Health reasons

Question Number : 92 Question Id : 3026161892 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

In April 2018, the _____Government removed the Armed Forces Special Powers Act (AFSPA).____

Options :

1. ✔ Meghalaya

2. ✖ Arunachal Pradesh

3. ✖ Assam

4. ✖ Tripura

Question Number : 93 Question Id : 3026161893 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which of the following countries is one of the neighbors of India?

Options :

1. ✖ Brazil

2. ✖ USA

3. ✔ Bangladesh

4. ✖ Iran

Question Number : 94 Question Id : 3026161894 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The Congress under the leadership of Mahatma Gandhi launched the Civil Disobedience Movement which started with the _____.

Options :

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1. ✖ Jallianwala Bagh Massacre

2. ✖ Quit India Movement

3. ✔ Dandi March

4. ✖ Chauri-Chaura incident

Question Number : 95 Question Id : 3026161895 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The British entered into a peace settlement with the Khonds of Odisha in the year _____.

Options :

1. ✔ 1848

2. ✖ 1858

3. ✖ 1868

4. ✖ 1878

Question Number : 96 Question Id : 3026161896 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Umiam Lake is also known as Barapani Lake, is located in _____.

Options :

1. ✖ Uttarakhand

2. ✖ Rajasthan

3. ✔ Meghalaya

4. ✖ Madhya Pradesh

Question Number : 97 Question Id : 3026161897 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

If you land at Vir Savarkar Airport, you are in _____.

Options :

1. ✖ Daman

2. ✖ Puducherry

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3. ✖ Lakshwadweep

4. ✔ Andaman and Nicobar Islands

Question Number : 98 Question Id : 3026161898 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which Indian state has the least sex ratio according to the current census?

Options :

1. ✔ Haryana

2. ✖ Himachal Pradesh

3. ✖ Kerala

4. ✖ Rajasthan

Question Number : 99 Question Id : 3026161899 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Name the bank that has launched India's first voice-based international remittance service with Apple.

Options :

1. ✔ ICICI

2. ✖ YES Bank

3. ✖ IDBI

4. ✖ State Bank of India

Question Number : 100 Question Id : 3026161900 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Pradhan Mantri Jan Dhan Yojana, a comprehensive financial inclusion scheme was launched by the Prime Minister Narendra Modi in _____.

Options :

1. ✔ August 2014

2. ✖ January 2015

3. ✖ September 2014

4. ✖ July 2014