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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 17th Sept Shift 2
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 : 691352101 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The LCM of 16, 24, 36, 52 and 54 is?

Options :

1. ✖ 5618

2. ✔ 5616

3. ✖ 5216

4. ✖ 432

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Question Number : 2 Question Id : 691352102 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

$\left(\frac{55}{11}\right) + (18 - 6) \times 9 = ?$

Options :

1. ✖ 100

2. ✖ 110

3. ✔ 113

4. ✖ 115

Question Number : 3 Question Id : 691352103 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

LCM of two co-prime numbers a and b is (a is greater than b):

Options :

1. ✖ a

2. ✖ b

3. ✔ ab

4. ✖ a+b

Question Number : 4 Question Id : 691352104 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The LCM and HCF of two numbers are 4284 and 32, respectively. If one of the numbers is 672, then the second number is:

Options :

1. ✖ 64

2. ✖ 92

3. ✖ 102

4. ✔ 204

Question Number : 5 Question Id : 691352105 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which of the following will yield a recurring decimal?

Options :

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1. ✖ $\frac{24}{30}$

2. ✖ $\frac{24}{60}$

3. ✔ $\frac{24}{90}$

4. ✖ $\frac{24}{120}$

Question Number : 6 Question Id : 691352106 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which of the following doesn't fit into the series?

5-1-96, 27-1-96, 18-2-96, 12-3-96, 2-4-96.

Options :

1. ✖ 18-2-96

2. ✔ 12-3-96

3. ✖ 5-1-96

4. ✖ 27-1-96

Question Number : 7 Question Id : 691352107 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

A natural number, when divided by 9, 10, 12 or 15, leaves a remainder of 3 in each case. What is the smallest of all such numbers?

Options :

1. ✖ 63

2. ✔ 183

3. ✖ 123

4. ✖ 153

Question Number : 8 Question Id : 691352108 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

When $7^{21} + 7^{22} + 7^{23} + 7^{24}$ is divided by 25 the remainder is:

Options :

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1. ✔ 0

2. ✖ 5

3. ✖ 7

4. ✖ 17

Question Number : 9 Question Id : 691352109 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

I gain 19% if I sell an article for ₹ 595. What would be my gain or loss percentage if I sell it for ₹ 475?

Options :

1. ✖ Gain 10%

2. ✖ Loss 10%

3. ✔ Loss 5%

4. ✖ Gain 5%

Question Number : 10 Question Id : 691352110 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The length and breadth of a rectangle is in the ratio of 3 : 1. If its perimeter is 96 m, then what is the length of the rectangle?

Options :

1. ✖ 12 m

2. ✖ 24 m

3. ✔ 36 m

4. ✖ 48 m

Question Number : 11 Question Id : 691352111 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

What Principal will yield ₹ 120 as Simple Interest at 6% p.a. in 10 years?

Options :

1. ✖ ₹ 180

2. ✖ ₹ 210

3. ✔ ₹ 200

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4. ✖ ₹ 120

Question Number : 12 Question Id : 691352112 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Every month, Kritika spends 30% of her income on house rent and 60% of the rest on household expenditure. If she saves ₹ 6300 per month, what is her total monthly income?

Options :

1. ✖ ₹ 20,500

2. ✔ ₹ 22,500

3. ✖ ₹ 25,000

4. ✖ ₹ 22,000

Question Number : 13 Question Id : 691352113 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Ranjith can complete a task in 25 days while Anji can finish it in 20 days. They work together on the task for 5 days and then Ranjith leaves. In how many days will Anji finish the remaining work?

Options :

1. ✖ 9 days

2. ✖ 10 days

3. ✔ 11 days

4. ✖ 15 days

Question Number : 14 Question Id : 691352114 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

48 people could complete a task in 17 days. After 6 days, 4 of the workers left. How many days from then will it take to complete the task?

Options :

1. ✖ 13

2. ✔ 12

3. ✖ 15

4. ✖ 16

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Question Number : 15 Question Id : 691352115 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Walking at a speed of 10 km/hr, Madhu reaches her university 15 minutes late. Next time, she increases her speed by 2 km/hr, but she is still late by 5 minutes. The distance of the university from her house is:

Options :

1. ✔ 10 km

2. ✖ 15 km

3. ✖ 20 km

4. ✖ 30 km

Question Number : 16 Question Id : 691352116 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The height and the slant height of a right circular cone are 24 cm and 25 cm, respectively. Considering π as $\frac{22}{7}$, find the curved surface area of the said cone.

Options :

1. ✖ 572 cm^2

2. ✔ 550 cm^2

3. ✖ 539 cm^2

4. ✖ 528 cm^2

Question Number : 17 Question Id : 691352117 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

A water tank is filled in 5 hours by three pipes X, Y and Z the pipe Z is thrice as fast as Y and Y is twice as fast as X. How much time will pipe X alone take to fill the water tank?

Options :

1. ✖ 35 hrs

2. ✖ 40 hrs

3. ✔ 45 hrs

4. ✖ 60 hrs

Question Number : 18 Question Id : 691352118 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

If the present ages of a father and his son are 48 years and 28.8 years old respectively, then the father can say to his son, "I was _____of your present age when you were born".

Options :

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1. ✖ one-third

2. ✔ two-third

3. ✖ one-fifth

4. ✖ half

Question Number : 19 Question Id : 691352119 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The cost of leveling a triangular piece of land whose sides are 72 m, 30 m and 78 m respectively at the rate of 20 paisa per square metre is:

Options :

1. ✔ ₹ 216

2. ✖ ₹ 200

3. ✖ ₹ 220

4. ✖ ₹ 210

Question Number : 20 Question Id : 691352120 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

A parallelogram PQRS, the length of whose sides are 8 cm and 12 cm, has one diagonal 10 cm long .The length of the other diagonal is approximately:

Options :

1. ✖ 17 cm

2. ✖ 17.5 cm

3. ✔ 17.8 cm

4. ✖ 18 cm

Question Number : 21 Question Id : 691352121 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Out of the 60 students of a class, 29 took Mathematics, 32 took Biology and 8 took none of the two subjects. How many students took both Mathematics and Biology?

Options :

1. ✖ 6

2. ✖ 7

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3. ✖ 8

4. ✔ 9

Question Number : 22 Question Id : 691352122 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

If X+Y=3, XY=2, find the value of $X^3 - Y^3$

Options :

1. ✖ 3

2. ✖ 5

3. ✔ 7

4. ✖ 9

Question Number : 23 Question Id : 691352123 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The mean of 21 observations (all different) is 40. If each observation greater than the median is increased by 21, then the mean of observations will become:

Options :

1. ✔ 50

2. ✖ 50.5

3. ✖ 30

4. ✖ 45

Question Number : 24 Question Id : 691352124 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

If $a - \frac{1}{a} = 7$, then $a^2 + \frac{1}{a^2} = ?$

Options :

1. ✔ 51

2. ✖ 52

3. ✖ 53

4. ✖ 54

Question Number : 25 Question Id : 691352125 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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Let A(0, − 1), B(0,3) and C(2,1) be three points. Let Δ_1 be the area of the triangle ABC and Δ_2 be the area of the triangle formed by the mid points of the sides of the triangle whose vertices are A, B and C such that $\frac{\Delta_1}{\Delta_2} = \frac{1}{x}$ Find the value of x.

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

Options :

1. 2

2. 3

3. 4

4. 5

Question Number : 26 Question Id : 691352126 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Spandana is the sister of Raju. How is Raju's father's sister related to Spandana?

Options :

1. ✔ Aunt

2. ✖ Sister

3. ✖ Mother

4. ✖ Grandmother

Question Number : 27 Question Id : 691352127 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Teacher is related to Class in the same way Driver is related to _____.

Options :

1. ✔ Vehicle

2. ✖ Parts

3. ✖ Wheel

4. ✖ Brake

Question Number : 28 Question Id : 691352128 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

F is the Father of S and D. D's Paternal aunt's daughter is E. How is F related to E?

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Options :

1. ✖ Daughter-in-law

2. ✖ Daughter

3. ✖ Nephew

4. ✔ Maternal Uncle

Question Number : 29 Question Id : 691352129 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:

- All razors are blades.
- All blades are metals.

Conclusions:

1. All metals are razors.
2. Some metals are blades.

Options :

1. ✔ Only conclusion 2 follows.

2. ✖ All the conclusions follow.

3. ✖ Only conclusion 1 follows.

4. ✖ Neither conclusion follows.

Question Number : 30 Question Id : 691352130 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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

Statements:

- All blue are colours.
- All colours are shades.

Conclusions:

1. All blue are shades.
2. Some shades are colours.

Options :

1. ✖ Only conclusion 2 follows.
2. ✔ All the conclusions follow.
3. ✖ Only conclusion 1 follows.
4. ✖ No conclusions follow.

Question Number : 31 Question Id : 691352131 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

In a code language, if LUCK is written as L2U1C3K1, then what is the last digit for the code for XEROX in that same language?

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 32 Question Id : 691352132 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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Given is a statement followed by two arguments numbered I and II. Consider the statement and the arguments and decide which of the arguments is strong.

Statement:

Is the choice of junk food a better option to create interest in eating in children?

Arguments:

I. Yes, the best way to create interest is to give the food a child likes.

II. No, junk food is the reason behind obesity, heart diseases, diabetes and other health problems and it is important to induce healthy eating habits in children.

Options :

1. ✖ Only argument I is strong.

2. ✔ Only argument II is strong.

3. ✖ Neither argument I nor II is strong.

4. ✖ Both arguments I and II are strong.

Question Number : 33 Question Id : 691352133 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Given is a statement followed by two assumptions numbered I and II. Consider the statement and the following assumptions and decide which of the assumptions is/are implicit in the statement.

Statement:

All the species of plants and animals are part of biodiversity and ecosystems and play major role in the overall health of the environment.

Assumptions:

I. Preserve or create a backyard habitat. Save as many native plants as you can when building or landscaping.

II. One of the major goals of sustainability is to preserve biodiversity. All life on Earth is connected through the flow of energy (planetary food web), and each time a species becomes endangered or lost to extinction, one more part of that energy flow is lost.

Options :

1. ✖ Only assumption I is implicit.

2. ✔ Only assumption II is implicit.

3. ✖ Neither assumption I nor II is implicit.

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4. ✖ Both assumptions I and II are implicit.

Question Number : 34 Question Id : 691352134 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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

Statement:

The headmistress called for a meeting for all staff members to discuss on discipline issues.

Assumptions:

I. There were some discipline issues that were raised earlier.

II. The headmistress wants to address all of them together.

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 : 35 Question Id : 691352135 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Read the statement below followed by two arguments.

Statement:

Should there be strict laws for maintaining ponds and lakes?

Arguments:

I. Yes, it will naturally maintain the water level for generations to come. It affects the migration of birds too.

II. No, it comes in the way of modern urban development and growth.

Which argument(s) of the below is/are strong in the context of the statement?

Options :

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1. ✖ Both arguments I and II are strong

2. ✖ Only argument II is strong

3. ✖ Neither argument I nor II is strong

4. ✔ Only argument I is strong

Question Number : 36 Question Id : 691352136 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Find the missing number in the following series.

27, 29, 33, ?, 57

Options :

1. ✔ 41

2. ✖ 40

3. ✖ 35

4. ✖ 30

Question Number : 37 Question Id : 691352137 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

If 'Q' means '+', 'J' means '×', 'T' means '–' and 'K' means '÷', then what is the value of 18K3Q7J2T8 ?

Options :

1. ✖ 18

2. ✖ 15

3. ✔ 12

4. ✖ 10

Question Number : 38 Question Id : 691352138 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Find the next in this series:

YC3, XF6, WI9, _____.

Options :

1. ✔ VL12

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2. ✖ UL12

3. ✖ UM12

4. ✖ VM12

Question Number : 39 Question Id : 691352139 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The HCF of two numbers is 11 and their LCM is 330. If one of the number is 55. Find the other number.

Options :

1. ✔ 66

2. ✖ 77

3. ✖ 33

4. ✖ 44

Question Number : 40 Question Id : 691352140 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The CO_2 emissions in million metric tons over 3 years are given in the following table.

Year	Domestic CO_2 emission
2015	100
2016	110
2017	150

What is the increase in the percentage of CO_2 emission from year 2016 to 2017?

Options :

1. ✖ 26.36%

2. ✖ 36.45%

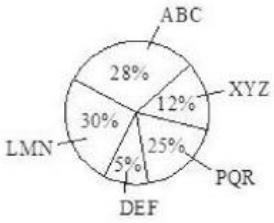
3. ✖ 63.63%

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4. ✔ 36.36%

Question Number : 41 Question Id : 691352141 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The given pie chart shows information about the mobile phone manufacturing companies in India. The total number of mobile phone units manufactured is 12,40,000 units.



Which company produces the maximum number of mobile phones?

Options :

1. ✖ ABC

2. ✖ XYZ

3. ✔ LMN

4. ✖ PQR

Question Number : 42 Question Id : 691352142 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.

M, A, N and K are standing in a row. Based on the following information, if we arrange shortest to tallest, who is standing last?

Statements:

1. A is shorter than K
2. M is shorter than A

Options :

1. ✖ Statement 1 and 2 together are sufficient to solve

2. ✔ Statements 1 and 2 together are not sufficient

3. ✖ Statements 1 alone is sufficient

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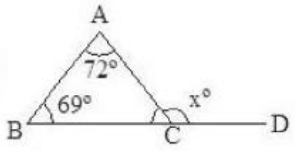
4. ✖ Statement 2 alone is sufficient

Question Number : 43 Question Id : 691352143 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 information is sufficient to answer the question.

What is the value of ∠ACD?

Information:

1) 

2) ∠ACB = 180 – x°

Options :

1. ✔ Only 1 is sufficient.

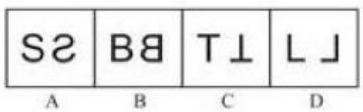
2. ✖ Only 2 is sufficient.

3. ✖ Either 1 or 2 is sufficient.

4. ✖ Neither 1 nor 2 is sufficient.

Question Number : 44 Question Id : 691352144 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Find the odd one out.



Options :

1. ✖ A

2. ✖ B

3. ✔ C

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4. ✖ D

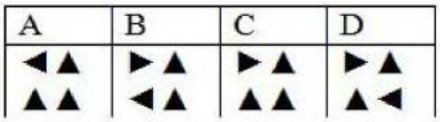
Question Number : 45 Question Id : 691352145 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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 : 46 Question Id : 691352146 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. Fox

B. Goat

C. Horse

D. Zebra

Options :

1. ✔ A

2. ✖ B

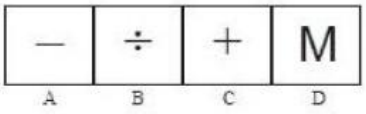
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3. ✖ C

4. ✖ D

Question Number : 47 Question Id : 691352147 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Find the odd one out.



Options :

1. ✖ A

2. ✖ B

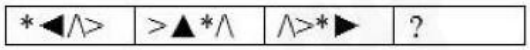
3. ✖ C

4. ✔ D

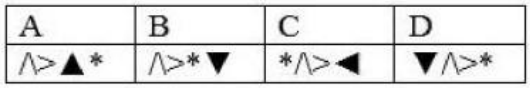
Question Number : 48 Question Id : 691352148 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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

Question figures



Option Figures



Options :

1. ✖ A

2. ✖ B

3. ✖ C

4. ✔ D

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Question Number : 49 Question Id : 691352149 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
5E	J9	T20	25Y

Options :

1. ✖ A

2. ✔ B

3. ✖ D

4. ✖ C

Question Number : 50 Question Id : 691352150 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

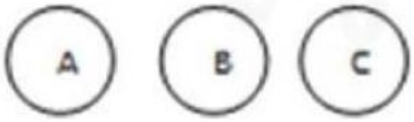
A) Peak

B) Clouds

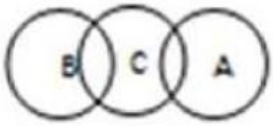
C) Mountain

Options :

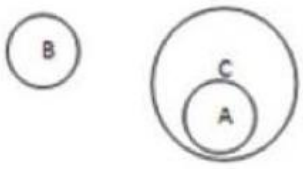
1. ✖



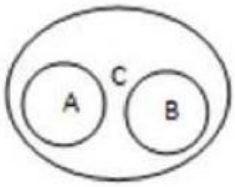
2. ✖



3. ✔

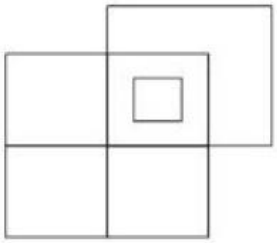


4. ✖



Question Number : 51 Question Id : 691352151 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Find the number of squares in the following figure.



Options :

1. ✖ 5

2. ✖ 6

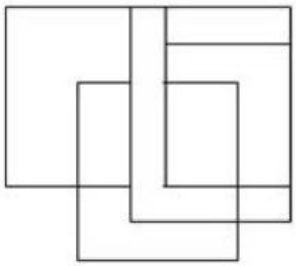
3. ✔ 7

4. ✖ 8

Question Number : 52 Question Id : 691352152 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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How many closed rectangular boxes are there in the following figure?



Options :

1. ✖ 5

2. ✖ 6

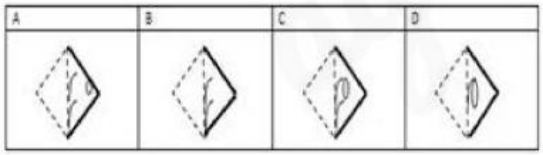
3. ✖ 7

4. ✔ 8

Question Number : 53 Question Id : 691352153 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 : 691352154 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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Raju walks 4 km towards East. Then, he turns left and walks another 3 km. In which direction and at what distance is he from his initial position?

Options :

1. ✔ North-East, 5 km

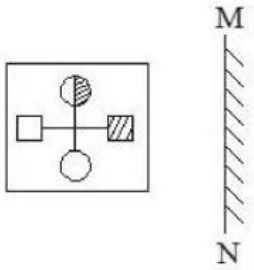
2. ✖ North-West, 5 km

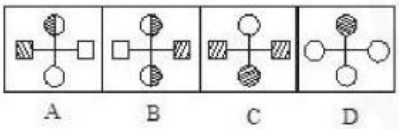
3. ✖ South-East, 5 km

4. ✖ South-West, 5 km

Question Number : 55 Question Id : 691352155 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 when the mirror is kept at the MN line.





Options :

1. ✔ A

2. ✖ B

3. ✖ C

4. ✖ D

Question Number : 56 Question Id : 691352156 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Weight of an object on the moon is _____ the weight of the object on earth.

Options :

1. ✖ 1/5th

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2. ✖ 1/2

3. ✔ 1/6th

4. ✖ equal to

Question Number : 57 Question Id : 691352157 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The force that a neutron exerts on a proton inside an atom is:

Options :

1. ✔ Nuclear force

2. ✖ Gravitational force

3. ✖ Tidal force

4. ✖ Electrostatic force

Question Number : 58 Question Id : 691352158 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Weight of a body is maximum at the:

Options :

1. ✖ Equator

2. ✔ Pole

3. ✖ Tropics

4. ✖ Subtropics

Question Number : 59 Question Id : 691352159 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

"When a card placed over a tumbler is flicked with the finger, the coin placed over it falls in the tumbler".

Options :

1. ✖ Law of conservation of momentum

2. ✔ Law of Inertia

3. ✖ Law of conservation of energy

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4. ✖ Newton's third law of motion

Question Number : 60 Question Id : 691352160 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The mass number of an isotope of an element is 298. If its nucleus has 189 neutrons, what is its atomic number?

Options :

1. ✖ 298.0

2. ✖ 189.0

3. ✔ 109.0

4. ✖ 487.0

Question Number : 61 Question Id : 691352161 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

A person does some work of 1,000 J in 2 s. His power will be __.

Options :

1. ✖ 25 W

2. ✖ 50 W

3. ✔ 500W

4. ✖ 1000 W

Question Number : 62 Question Id : 691352162 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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

Options :

1. ✖ 40 J

2. ✔ 400 J

3. ✖ 200 J

4. ✖ 20 J

Question Number : 63 Question Id : 691352163 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which of the following cannot be used for making lenses?

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Options :

1. ✖ Plastic

2. ✖ Water

3. ✖ Glass

4. ✔ Soil

Question Number : 64 Question Id : 691352164 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The increasing order of the refractive index of certain materials is (left to right)_____.

Options :

1. ✔ Ice, Kerosene, Benzene, Rock Salt

2. ✖ Kerosene, Ice, Benzene, Rock Salt

3. ✖ Rock Salt, Ice, Benzene, Kerosene

4. ✖ Rocksalt, Benzene, Kerosene, Ice

Question Number : 65 Question Id : 691352165 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Constantan is alloyed from ___ metals.

Options :

1. ✔ Cu, Ni

2. ✖ Cu, Ni, Mn

3. ✖ Ni, Cr , Mn , Fe

4. ✖ Ni, Ti, Fe, Cr

Question Number : 66 Question Id : 691352166 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Choose the correct order of electrical resistivity of metals.

Options :

1. ✔ Hg>Ni>W>Ag

2. ✖ Ag>W>Ni>Hg

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3. ✖ Ag>Ni>Hg>W

4. ✖ Ag>W>Hg>Ni

Question Number : 67 Question Id : 691352167 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

_____ is not a sub atomic particle of an atom.

Options :

1. ✖ Proton

2. ✔ Xenon

3. ✖ Electron

4. ✖ Neutron

Question Number : 68 Question Id : 691352168 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

If the current flowing through a circuit is 0.6 A for 6 mins, the amount of electric charge flowing through it is _____.

Options :

1. ✖ 36 C

2. ✖ 360 C

3. ✖ 60 C

4. ✔ 216 C

Question Number : 69 Question Id : 691352169 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

____ is a deliquescent compound.

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

Options :

1. Quick lime

2. Phosphorous pentoxide

3. Sulphuric acid

4. Magnesium chloride

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Question Number : 70 Question Id : 691352170 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

_____ solution is used to treat bee sting.

Options :

1. ✖ Lemon juice

2. ✖ Milk

3. ✖ Vinegar

4. ✔ Baking soda

Question Number : 71 Question Id : 691352171 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Give an example of a salt which gives an aqueous solution of pH less than 7.

Options :

1. ✖ Sodium chloride

2. ✔ Ammonium chloride

3. ✖ Sodium carbonate

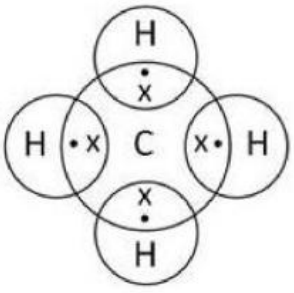
4. ✖ Sodium bicarbonate

Question Number : 72 Question Id : 691352172 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

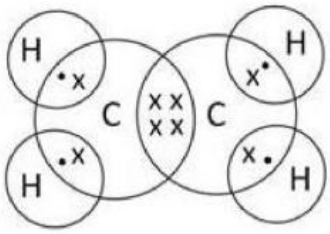
The electronic dot and cross structure of ethene is___ .

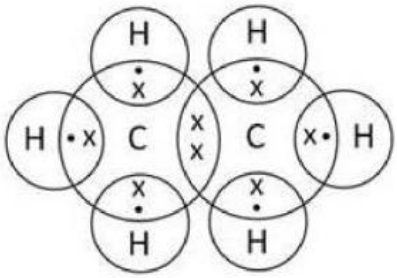
Options :

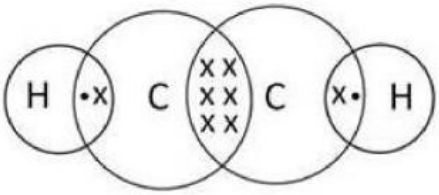
1. ✖



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2. ✔ 

3. ✖ 

4. ✖ 

Question Number : 73 Question Id : 691352173 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which property of metals enables production of metallic foils?

Options :

1. ✖ Conductivity

2. ✖ Ductility

3. ✔ Malleability

4. ✖ Sonority

Question Number : 74 Question Id : 691352174 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The atoms of Germanium, Arsenic, Selenium and Bromine contain __shells.

Options :

1. ✔ 4

2. ✖ 3

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3. ✖ 5

4. ✖ 7

Question Number : 75 Question Id : 691352175 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

How many elements are present in the 18^{th} group of the Modern Periodic Table?

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

Options :

1. 5

2. 6

3. 4

4. 2

Question Number : 76 Question Id : 691352176 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which of the following is not a characteristic of Pisces?

Options :

1. ✖ Exoskeleton of scales

2. ✔ Presence of pseudocoelom

3. ✖ Endoskeleton of bone/cartilage

4. ✖ Breathing through gills

Question Number : 77 Question Id : 691352177 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which tissue makes the plant hard and stiff?

Options :

1. ✖ Collenchyma

2. ✖ Xylem

3. ✖ Parenchyma

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4. ✔ Sclerenchyma

Question Number : 78 Question Id : 691352178 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Fishes have a _____ chambered heart.

Options :

1. ✔ Two

2. ✖ Three

3. ✖ Four

4. ✖ Single

Question Number : 79 Question Id : 691352179 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which of the following is a work done by the placenta tissue in humans?

Options :

1. ✖ Remove waste matter from the embryo

2. ✔ Removes waste matter from the embryo and provide nutrition to the embryo

3. ✖ Provide nutrition to the embryo

4. ✖ Support the embryo

Question Number : 80 Question Id : 691352180 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Rise in sugar levels in blood is detected by the cells of:

Options :

1. ✖ Liver

2. ✔ Pancreas

3. ✖ Gall bladder

4. ✖ Kidney

Question Number : 81 Question Id : 691352181 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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How many medals did India bag at the Jordan Junior and Cadet Open Table Tennis (TT) tournament in 2017 and ended as the second best finisher?

Options :

1. ✔ 24

2. ✖ 20

3. ✖ 23

4. ✖ 15

Question Number : 82 Question Id : 691352182 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Name the country which will host the 2019 Combined World Cup for shooting?

Options :

1. ✖ Sri Lanka

2. ✖ Pakistan

3. ✖ Nepal

4. ✔ India

Question Number : 83 Question Id : 691352183 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

_____received the Polly Umrigar Award, and is the first Indian cricketer to get it on three occasions.

Options :

1. ✖ Ravi Shastri

2. ✖ MS Dhoni

3. ✖ Sachin Tendulkar

4. ✔ Virat Kohli

Question Number : 84 Question Id : 691352184 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which movie won the national award for Best Film on social issues at the 64th National Film Awards, 2017?

Options :

1. ✔ Pink

2. ✖ Airlift

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3. ✖ Dangal

4. ✖ Sultan

Question Number : 85 Question Id : 691352185 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Who among the following is the author of the book 'A Book of Light: When a Loved One Has a Different Mind'?

Options :

1. ✖ Amish Tripathi

2. ✖ Arundhati Roy

3. ✖ Harper Lee

4. ✔ Jerry Pinto

Question Number : 86 Question Id : 691352186 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which movie has won 'the best picture award' in the 90th Oscar awards?

Options :

1. ✖ Three Billboards

2. ✖ Coco

3. ✖ Phantom thread

4. ✔ The Shape of water

Question Number : 87 Question Id : 691352187 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Who was awarded Banga Bibhushan, the highest civilian award of West Bengal, for 2018?

Options :

1. ✖ Victor Banerjee

2. ✖ Aparna Sen

3. ✖ Soumitra Chatterjee

4. ✔ Asha Bhosle

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Question Number : 88 Question Id : 691352188 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Who among the following is the first woman lawyer to be directly appointed as a judge of the Supreme Court?

Options :

1. ✖ Menaka Guruswamy

2. ✖ Vrinda Grover

3. ✔ Indu Malhotra

4. ✖ Meenakshi Arora

Question Number : 89 Question Id : 691352189 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which company has been conferred with the 'Startup of the Year 2017' award at the 7th Small Business Awards, in New Delhi?

Options :

1. ✖ Milkmaid

2. ✔ Milkbasket

3. ✖ Milkbar

4. ✖ Milkdairy

Question Number : 90 Question Id : 691352190 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

As of 2018, who is the union minister of the Ministry of Women and Child Development (MWCD?

Options :

1. ✖ Renuka Chowdhury

2. ✖ Krishna Tirath

3. ✔ Maneka Gandhi

4. ✖ Smriti Irani

Question Number : 91 Question Id : 691352191 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which of the following Chief Ministers of India had been presented the 'Transformative Chief Minister Award' by the US-India Business Council (USIBC) in May 2017?

Options :

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1. ✖ K. Chandrashekhar Rao

2. ✔ N. Chandrababu Naidu

3. ✖ Nitish Kumar

4. ✖ Yogi Adityanath

Question Number : 92 Question Id : 691352192 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Who approved 20 lakh houses for urban poor under the PM Awas Yojna recently?

Options :

1. ✖ Sushma Swaraj

2. ✖ Smriti Irani

3. ✖ Arun Jaitley

4. ✔ Shri Venkaiah Naidu

Question Number : 93 Question Id : 691352193 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

What is the term of office of the members of Rajya Sabha?

Options :

1. ✖ 2 years

2. ✖ 7 years

3. ✖ 4 years

4. ✔ 6 years

Question Number : 94 Question Id : 691352194 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Name the viceroy who inaugurated New Delhi as the new capital of India in the year 1931.

Options :

1. ✔ Lord Irwin

2. ✖ Lord Wellesley

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3. ✖ Lord Cornwallis

4. ✖ Lord Curson

Question Number : 95 Question Id : 691352195 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

What was the name of the party launched by Subhash Chandra Bose in 1939?

Options :

1. ✖ Communist Party of India

2. ✖ Socialist Party of India

3. ✔ All India Forward Bloc

4. ✖ Azad Bengal Fauj

Question Number : 96 Question Id : 691352196 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Where are the Garo Hills located?

Options :

1. ✖ Nagaland

2. ✔ Meghalaya

3. ✖ Assam

4. ✖ Mizoram

Question Number : 97 Question Id : 691352197 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Rama Setu is located in which of the following?

Options :

1. ✔ Palk Strait

2. ✖ Bering Strait

3. ✖ Strait of Gibraltar

4. ✖ Kiel Canal

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Question Number : 98 Question Id : 691352198 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

In which year was Bombay Stock Exchange (BSE) established?

Options :

1. ✖ 1947

2. ✔ 1875

3. ✖ 1920

4. ✖ 1960

Question Number : 99 Question Id : 691352199 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

With whom did the Government of India sign a $120 million loan agreement to complete double-tracking and electrification of railway tracks along high-density corridors to improve the operational efficiency of India's railway network?

Options :

1. ✔ Asian Development Bank

2. ✖ European Bank

3. ✖ African Development Bank

4. ✖ International Monetary Fund (IMF)

Question Number : 100 Question Id : 691352200 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

How much loan amount was sanctioned by The World Bank to help India develop its first modern waterway?

Options :

1. ✔ $375 million

2. ✖ $475 million

3. ✖ $575 million

4. ✖ $275 million