Career Railways

Question Paper Preview

Notations :

1.Options shown in green color and with ✔ icon are correct.

2.Options shown in red color and with ✖ icon are incorrect.

Question Paper Name:	RRB Level 1 24th Oct 2018 Shift2
Subject Name:	Level 1
Duration:	90
Total Marks:	100
Display Marks:	No
Share Answer Key With Delivery Engine:	Yes
Actual Answer Key:	Yes
Calculator:	None
Magnifying Glass Required?:	No
Ruler Required?:	No
Eraser Required?:	No
Scratch Pad Required?:	No
Rough Sketch/Notepad Required?:	No
Protractor Required?:	No
Show Watermark on Console?:	No
Highlighter:	No
Auto Save on Console?:	No

Display Number Panel:	Yes
Group All Questions:	No

Question Number : 1 Question Id : 6789134801 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Solve the following equation:

$15.5 \times 15.5 - 2.5 \times 2.5 = ?$

Options :

1. ✖ 224

2. ✔ 234

3. ✖ 244

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4. ✖ 254

Question Number : 2 Question Id : 6789134802 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Find A when $\frac{A}{\sqrt{512}} = \frac{\sqrt{162}}{A}$

Options :

1. ✖ 72

2. ✖ 144

3. ✔ 288

4. ✖ $144\sqrt{2}$

Question Number : 3 Question Id : 6789134803 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Find the value of : $\frac{(0.22)^3 + (0.11)^3}{0.0464 - 0.0242 + 0.0121} = ?$

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

Options :

1. 0.33

2. 1.1

3. 0.9

4. 1.2

Question Number : 4 Question Id : 6789134804 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Find the square root of 2601.

Options :

1. ✖ 41

2. ✖ 49

3. ✔ 51

4. ✖ 59

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Question Number : 5 Question Id : 6789134805 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which of the following is the smallest fraction?

$\frac{6}{11}; \frac{13}{18}; \frac{15}{22}; \frac{19}{36}; \frac{5}{6}$

Options :

1. ✖ $\frac{6}{11}$

2. ✔ $\frac{19}{36}$

3. ✖ $\frac{13}{18}$

4. ✖ $\frac{5}{6}$

Question Number : 6 Question Id : 6789134806 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which of the following numbers will have an irrational square root?

Options :

1. ✖ 1764

2. ✖ 2304

3. ✖ 2704

4. ✔ 3264

Question Number : 7 Question Id : 6789134807 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

$1131 \div 39 = 29$. Then $11.31 \div 0.0029 = ?$

Options :

1. ✖ 3.9

2. ✖ 390

3. ✔ 3900

4. ✖ 0.39

Question Number : 8 Question Id : 6789134808 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The smallest cubic number greater than 1000 and that is divisible by 2, 4 and 6 is: Career Railways

Options :

1. ✖ 1296

2. ✖ 5832

3. ✖ 4096

4. ✔ 1728

Question Number : 9 Question Id : 6789134809 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Five years ago, the ratio of Jamini and Jatin's salary was 1 : 3. Every year, Jamini's salary increased by ₹ 300 and Jatin's salary increased by ₹ 100. If they earn the same salary five years from today, what is Jatin's current salary?

Options :

1. ✖ ₹ 2500

2. ✖ ₹ 3000

3. ✔ ₹ 3500

4. ✖ ₹ 4000

Question Number : 10 Question Id : 6789134810 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

A man divides his property among his sons so that one gets half, another gets quarter, third gets 1/5 and the forth ₹ 1000. What is the value of the total property?

Options :

1. ✔ ₹ 20,000

2. ✖ ₹ 18,000

3. ✖ ₹ 15,000

4. ✖ ₹ 25,000

Question Number : 11 Question Id : 6789134811 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Due to an intense campaign against smoking, the percentage of smokers in a locality is dropping each year by 10% with respect to the previous year. If the number of smokers at present is 8748 then what was the number 3 years back?

Options :

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1. ✖ 10000

2. ✖ 11643

3. ✔ 12000

4. ✖ 16253

Question Number : 12 Question Id : 6789134812 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Inclusive of a profit of 17.5%, Pooran sold a pair of footwear for ₹ 2,632. What was the cost price of the pair of shoes?

Options :

1. ✖ ₹ 2,220

2. ✔ ₹ 2,240

3. ✖ ₹ 2,260

4. ✖ ₹ 2,280

Question Number : 13 Question Id : 6789134813 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

A train travelling at 78km/h crosses a 455 m long platform in 27 sec. What is the length of the train?

Options :

1. ✔ 130 m

2. ✖ 120 m

3. ✖ 110 m

4. ✖ 100 m

Question Number : 14 Question Id : 6789134814 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Ritu had to cover a certain distance in a certain duration of time. She travelled at 80% of the average speed required for 20% of the time. For the remaining 80% of the time, she needed to travel at _____% of the average speed required.

Options :

1. ✖ 115

2. ✖ 110

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3. ✔ 105

4. ✖ 120

Question Number : 15 Question Id : 6789134815 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Prithi is going to Delhi by the Rajdhani Express, which is running late by 6 minutes. The driver increased its speed by 4 km/hr. At the next station, 36 km away, the train reached on time. Find the original speed of the train?

Options :

1. ✖ 30 km/hr

2. ✔ 36 km/hr

3. ✖ 20 km/hr

4. ✖ 26 km/hr

Question Number : 16 Question Id : 6789134816 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

If Santi spends 50% of his monthly salary on food, 20% on rent and saves ₹ 1500, then what is his monthly salary?

Options :

1. ✖ ₹ 4500

2. ✔ ₹ 5000

3. ✖ ₹ 5500

4. ✖ ₹ 6000

Question Number : 17 Question Id : 6789134817 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

What was the day of the week on 17 August 1947?

Options :

1. ✖ Monday

2. ✖ Tuesday

3. ✔ Sunday

4. ✖ Saturday

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Question Number : 18 Question Id : 6789134818 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

On what day did 29 January 1950 fall?

Options :

1. ✔ Sunday

2. ✖ Monday

3. ✖ Friday

4. ✖ Saturday

Question Number : 19 Question Id : 6789134819 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Ram says to Sita, "I am twice as old as you were when I was as old as you are". The sum of their ages is 63. Find their ages.

Options :

1. ✔ 36, 27

2. ✖ 41, 22

3. ✖ 31, 23

4. ✖ 45, 18

Question Number : 20 Question Id : 6789134820 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Find, to the nearest metre, the measure of the side of a regular octagonal enclosure whose area is 2 hectares.

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

Options :

1. 92 metres

2. 90 metres

3. 80 metres

4. 85 metres

Question Number : 21 Question Id : 6789134821 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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The mean score of a group of 12 members was 8 while the mean score of another group of n members was 10. If the combined mean was 9.2, what was the value of n?

Options :

1. ✖ 24

2. ✔ 18

3. ✖ 30

4. ✖ 16

Question Number : 22 Question Id : 6789134822 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The probability of drawing 1 spade card and 1 heart card is?

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

Options :

1. $\frac{3}{13}$

2. $\frac{3}{26}$

3. $\frac{12}{13}$

4. $\frac{13}{102}$

Question Number : 23 Question Id : 6789134823 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

If $\cos 3x = 4\cos^3 x - 3\cos x$, then $\sec 135^0 = ?$

Options :

1. ✖ $\sec 45^0$

2. ✔ $-\operatorname{cosec} 45^0$

3. ✖ $\cos 45^0$

4. ✖ $\operatorname{cosec} 45^0$

Question Number : 24 Question Id : 6789134824 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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Division of two numbers gives 6 and their multiplication gives 96. Find the product of the sum of and the difference between these two numbers.

Options :

1. ✖ 592

2. ✖ 540

3. ✖ 9180

4. ✔ 560

Question Number : 25 Question Id : 6789134825 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The arithmetic mean of a set of numbers is 12. The mean of another set of numbers is 15. If the combined mean of the two sets taken together is 12.5, then the ratio of the frequencies of the two sets will be?

Options :

1. ✖ 3 : 2

2. ✖ 5 : 2

3. ✖ 3 : 1

4. ✔ 5 : 1

Question Number : 26 Question Id : 6789134826 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Pallavi's brother's son is Naresh. How is Naresh related to Pallavi?

Options :

1. ✖ Grandfather

2. ✔ Nephew

3. ✖ Son

4. ✖ Father

Question Number : 27 Question Id : 6789134827 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Four animals have been given of which three are alike in some way and one is different. Choose the ***odd one out.***

Options :

1. ✖ Horse

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2. ✖ Yak

3. ✖ Bison

4. ✔ Lion

Question Number : 28 Question Id : 6789134828 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Neena is the second daughter of Latika and Vanita is the daughter of Latika's first husband. Vanita and Neena are _____.

Options :

1. ✖ sisters

2. ✔ step-sisters

3. ✖ cousins

4. ✖ niece

Question Number : 29 Question Id : 6789134829 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).

Statements:

I. All cups are porcelain.

II. Some porcelain are white.

Conclusions:

1. Some white are porcelain.

2. No cup is white.

Options :

1. ✔ Conclusion 1 alone follows.

2. ✖ Both 1 and 2 follows.

3. ✖ Conclusion 2 alone follows.

4. ✖ Neither 1 nor 2 follows.

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Question Number : 30 Question Id : 6789134830 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

In a certain code language, if KERALA is written as JCOWGU, how will BOMBAY be written as in that language?

Options :

1. ✖ AJMTVT

2. ✔ AMJXVS

3. ✖ MJXVSU

4. ✖ WXYZAX

Question Number : 31 Question Id : 6789134831 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 monkeys are apes.

All gorillas are apes.

Conclusions:

1. Some monkeys are gorillas.
2. Some apes are gorillas.

Options :

1. ✖ Only conclusion 1 follows

2. ✔ Only conclusion 2 follows

3. ✖ Both 1 and 2 follows

4. ✖ Either 1 or 2 follows

Question Number : 32 Question Id : 6789134832 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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Below is a statement, followed by two arguments numbered I and II. You have to decide which of the arguments is/are 'strong' to support the statement.

Statement: Should banks give home loans at low interest rates?

Arguments:

I. Yes, it will help the people to pay back monthly EMIs easily.

II. No, banks will lose money.

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 : 6789134833 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

A statement is followed by two arguments. Decide which of the arguments is/are strong with respect to the statement.

Question: Should people be banned from migrating out of country?

Argument:

1. Yes, it is useful to save the country from draining out talent.
2. No, any individual has the right to live anywhere he wishes.

Options :

1. ✖ Only argument 1 is strong

2. ✔ Only argument 2 is strong

3. ✖ Both argument 1 and 2 is strong

4. ✖ Neither argument 1 nor 2 is strong

Question Number : 34 Question Id : 6789134834 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 question followed by two arguments numbered 1 and 2. Read the question and decide which of the arguments is strong with respect to the question.

Question:

Should advertisements, be banned for sales of products?

Arguments:

1. Yes, money spent on advertisements is huge, which in turn make the product costlier for the consumers.
2. No, without advertisements, the product will not be sold.

Options :

1. ✔ Only argument 1 is strong.
2. ✖ Only argument 2 is strong.
3. ✖ Either argument 1 or 2 is strong.
4. ✖ Neither argument 1 nor 2 is strong.

Question Number : 35 Question Id : 6789134835 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:

Speaking on the team, the team manager said, "The players have done a great job this season by performing at their best in all the six games."

Conclusions:

I. The players had played overall 6 games

II. The team manager is proud of his players

Options :

1. ✖ Only conclusion I follows
2. ✖ Only conclusion II follows
3. ✖ No conclusion follows
4. ✔ Both the conclusions follow

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Question Number : 36 Question Id : 6789134836 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Find the next number in the series:

6, 7, 21, 22, 66, ?, 201

Options :

1. ✔ 67

2. ✖ 69

3. ✖ 82

4. ✖ 89

Question Number : 37 Question Id : 6789134837 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

What comes next in the given series?

G-7, K-11, O-15, S-19, ?

Options :

1. ✖ E-5

2. ✖ Y-25

3. ✔ W-23

4. ✖ T-20

Question Number : 38 Question Id : 6789134838 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

What comes next in the given series 4U, 6V, 10W, 16X, ?

Options :

1. ✔ 24 Y

2. ✖ 25 C

3. ✖ 20 M

4. ✖ 15 B

Question Number : 39 Question Id : 6789134839 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The marks obtained by the students in a class 4, 6, 5, 7, 9, 8, 10, 4, 7, 6, 5, 8, 9, 8, 7, 7. Find the mode of the collected data.

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Options :

1. ✔ 7

2. ✖ 10

3. ✖ 6

4. ✖ 8

Question Number : 40 Question Id : 6789134840 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

A palace maintains a private museum. The following table gives the number of visitors over a week. If they charge ₹ 100 per entry, what will be their total income for the given week?

Days	No. of visitors to the museum
Monday	30
Tuesday	30
Wednesday	40
Thursday	30
Friday	40
Saturday	55
Sunday	45

Options :

1. ✖ ₹ 30,000

2. ✖ ₹ 26,000

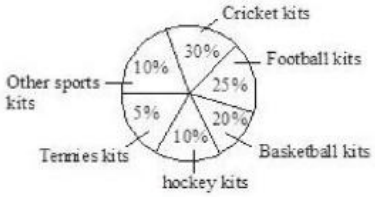
3. ✖ ₹ 28,000

4. ✔ ₹ 27,000

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Question Number : 41 Question Id : 6789134841 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The following pie diagram shows information on sale of sports kits by company XYZ. The total revenue made during the year 2016 is $36,82,000.



Among the sports kits which sports kit has given least revenue for the company

Options :

1. ✔ Tennie's kits

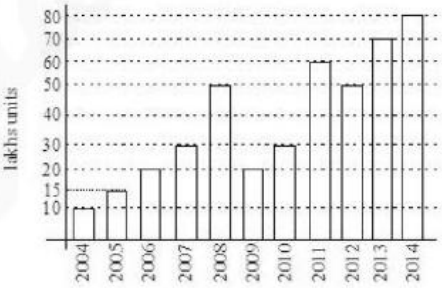
2. ✖ Hockey kits

3. ✖ Basketball kits

4. ✖ Cricket kits

Question Number : 42 Question Id : 6789134842 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The following bar graph shows information on the sales of personal computers of the company "XYZ" for the last 10 years.



During which tenure, from the given options, were the sales of personal computers growing continuously?

Options :

1. ✔ 2004-2008

2. ✖ 2008-2010

3. ✖ 2010-2012

4. ✖ 2007-2009

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Question Number : 43 Question Id : 6789134843 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 sufficient to answer the question.

Question:

There are four kids, A, B, C and D, who live in the same colony. Who is the heaviest of them all?

Statements:

1. A is heavier than C and D.
2. D is the lightest of them all.
3. B is heavier than A.

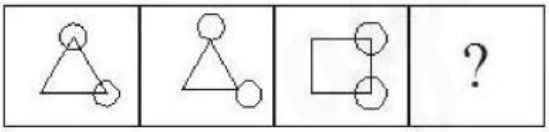
Options :

1. ✔ Statements 1, 2 and 3 together are sufficient.
2. ✖ Statement 1 alone is sufficient.
3. ✖ Statement 2 alone is sufficient.
4. ✖ Neither statement 1 nor 2 is sufficient.

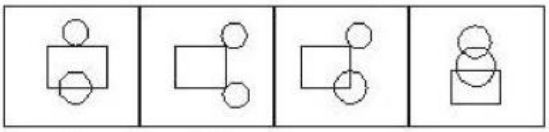
Question Number : 44 Question Id : 6789134844 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Find the next figure for the given series:

Problem figures:



Answer figures:



Options :

1. ✖ A
2. ✔ B
3. ✖ C

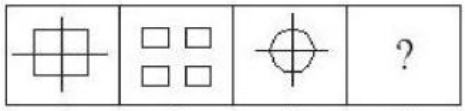
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4. ✖ D

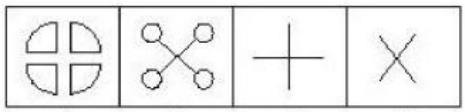
Question Number : 45 Question Id : 6789134845 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Find the next figure for the given series:

Problem figures:



Answer figures:



Options :

1. ✔ A

2. ✖ B

3. ✖ C

4. ✖ D

Question Number : 46 Question Id : 6789134846 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which does NOT belong to this group?

A. Flour

B. Pancake

C. Cream

D. Spade

Options :

1. ✖ A

2. ✖ B

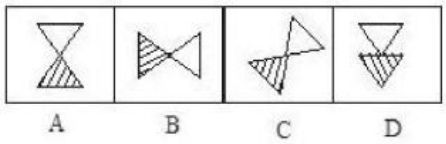
3. ✖ C

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4. ✔ D

Question Number : 47 Question Id : 6789134847 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

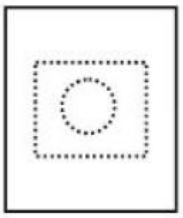
3. ✖ C

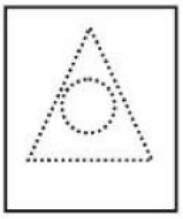
4. ✔ D

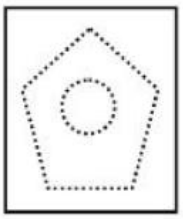
Question Number : 48 Question Id : 6789134848 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

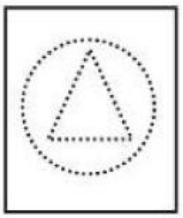
Identify the odd one from the given group of figures.

Options :

1. ✖ 

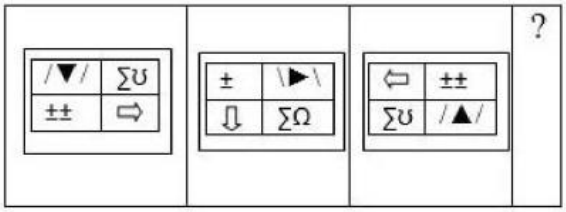
2. ✖ 

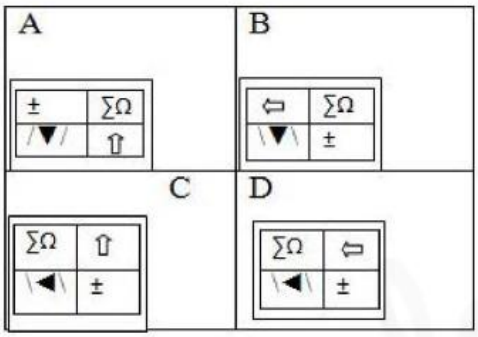
3. ✖ 

4. ✔ 

Question Number : 49 Question Id : 6789134849 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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





Options :

1. ✖ A

2. ✖ B

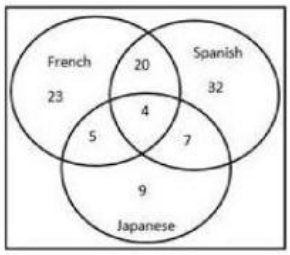
3. ✔ C

4. ✖ D

Question Number : 50 Question Id : 6789134850 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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Study the following Venn diagram and answer the question that follows.



The Venn diagram represents the number of students in a class who study three languages. The number of students studying French and Spanish is:

Options :

1. ✖ 29

2. ✖ 20

3. ✔ 24

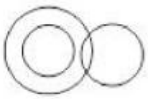
4. ✖ 30

Question Number : 51 Question Id : 6789134851 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

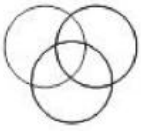
Choose the best suitable Venn diagram for the following words:

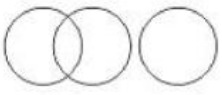
"Hydrogen, gases, Helium"

Options :

1. ✖ 

2. ✔ 

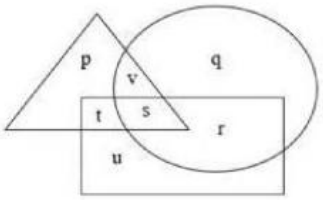
3. ✖ 

4. ✖ 

Question Number : 52 Question Id : 6789134852 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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The following diagram shows the colour preferences of a group of girls. The circle represents pink, triangle represents blue and the rectangle represents white. Which group of girls like blue and pink but not white?



Options :

1. ✔ p + v + q

2. ✖ q + v

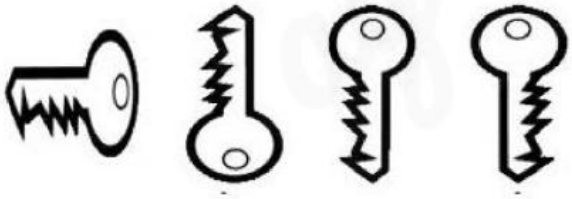
3. ✖ v

4. ✖ s

Question Number : 53 Question Id : 6789134853 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical



The rotated image of the above figure is:



A B C D

Options :

1. ✖ A

2. ✖ B

3. ✔ C

4. ✖ D

Question Number : 54 Question Id : 6789134854 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Savitri and Priyanka are playing chess sitting in standard chess seating arrangement. If Savitri is facing South-West direction then her opponent Priyanka would be facing which direction?

Options :

1. ✖ North-West

2. ✔ North-East

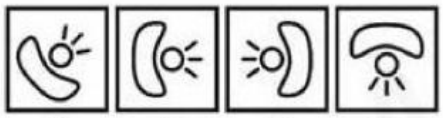
3. ✖ South-East

4. ✖ South-West

Question Number : 55 Question Id : 6789134855 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical



The mirror image of the above figure is:



Options :

1. ✖ A

2. ✖ B

3. ✔ C

4. ✖ D

Question Number : 56 Question Id : 6789134856 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which of these is NOT an example of gravity?

Options :

1. ✖ Prevents planets from losing their atmospheres.

2. ✖ Keeps the moon orbiting.

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3. ✔ It help black hole move.

4. ✖ It hold star together.

Question Number : 57 Question Id : 6789134857 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The weight of a body is minimum at the:

Options :

1. ✖ Pole

2. ✔ Equator

3. ✖ Tropics

4. ✖ Subtropics

Question Number : 58 Question Id : 6789134858 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

An object weighs 600 N on the surface of the earth. What would be its weight on the surface of the moon?

Options :

1. ✖ 3600 N

2. ✖ 3600 kg

3. ✔ 100 N

4. ✖ 100 kg

Question Number : 59 Question Id : 6789134859 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

If a car at rest accelerates uniformly to a speed of 144 kmph in 20 seconds, then it covers a distance of:

Options :

1. ✔ 400 metre

2. ✖ 800 metre

3. ✖ 200 metre

4. ✖ 280 metre

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Question Number : 60 Question Id : 6789134860 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

What type of transformation of energy takes place during rain?

Options :

1. ✖ Chemical energy is transformed into kinetic energy.

2. ✔ Potential energy is transformed into kinetic energy.

3. ✖ Mechanical energy is transformed into kinetic energy.

4. ✖ Muscular energy is transformed into mechanical energy.

Question Number : 61 Question Id : 6789134861 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

A boy, of mass 50 kg, runs up a staircase of 44 steps in 10 s. If the height of each step is 15 cm, find his power. Take $g = 10\ ms^{-2}$

Options :

1. ✔ 330 W

2. ✖ 330 J

3. ✖ 387.5 W

4. ✖ 337.5 ms

Question Number : 62 Question Id : 6789134862 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

An electric bulb of 100W is used for 8 hours per day. Then the energy consumed by the bulb in one week is _____ units.

Options :

1. ✖ 56

2. ✔ 5.6

3. ✖ 560

4. ✖ 0.56

Question Number : 63 Question Id : 6789134863 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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Which of the following statements is/are true about the speed of sound in different media at 25° C?

A. In helium gas, speed of sound is 965m/s.

B. In Hydrogen gas speed of sound is 1284m/s.

Options :

1. ✖ Only A is true

2. ✖ Only B is true

3. ✔ Both A and B are true

4. ✖ Neither A nor are B true

Question Number : 64 Question Id : 6789134864 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which of the following mediums has the least refractive index?

Options :

1. ✖ Diamond

2. ✔ Air

3. ✖ Oil

4. ✖ Petrol

Question Number : 65 Question Id : 6789134865 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

What is the SI unit of electric current?

Options :

1. ✔ Ampere

2. ✖ Coulomb

3. ✖ Volt

4. ✖ Ohm

Question Number : 66 Question Id : 6789134866 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

How much work is done in moving a charge of 5 C across two points having a potential difference of 11 V?

Options :

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1. ✔ 55 J

2. ✖ 48 J

3. ✖ 11 J

4. ✖ 5 J

Question Number : 67 Question Id : 6789134867 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The number of electrons in the valence shell is equal to its:

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

Options :

1. Protons

2. Period number

3. Group number

4. Mass number

Question Number : 68 Question Id : 6789134868 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Density = _____.

Options :

1. ✖ V / M

2. ✔ M / V

3. ✖ V × M

4. ✖ V + M

Question Number : 69 Question Id : 6789134869 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

A solution contains 46 g of common salt in 320 g of water. Calculate the concentration in terms of mass by mass percentage of the solution.

Options :

1. ✖ 11.36 %

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2. ✖ 12.57 g

3. ✔ 12.57 %

4. ✖ 12.36 %

Question Number : 70 Question Id : 6789134870 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which is the acid produced in the digestive system of humans?

Options :

1. ✖ Sulfuric acid

2. ✖ Antacids

3. ✖ Nitric acid

4. ✔ Hydrochloric acid

Question Number : 71 Question Id : 6789134871 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?

A. Rancid: When fats and oils are oxidised, they become rancid and their smell and taste change.

B. If the surface of a reactive metal is attacked by air, water or other substances around it, then it is said to corrode and the effect is called corrosion.

Options :

1. ✖ Only A is true

2. ✖ Only B is true

3. ✔ A and B are both true

4. ✖ A and B are both false

Question Number : 72 Question Id : 6789134872 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which of the following oxides is not acidic?

Options :

1. ✖ SO_2

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2. ✖ NO_2

3. ✔ CO

4. ✖ SO_3

Question Number : 73 Question Id : 6789134873 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Dyes are added to make alcohol blue in colour so that it can be identified easily. This alcohol is called _____ alcohol.

Options :

1. ✖ Natured

2. ✔ Denatured

3. ✖ Matured

4. ✖ Non-poisonous

Question Number : 74 Question Id : 6789134874 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

All elements in a group in the periodic table have the same _____.

Options :

1. ✖ atomic number

2. ✖ atomic weight

3. ✔ number of valence electrons

4. ✖ number of neutrons

Question Number : 75 Question Id : 6789134875 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Choose the INCORRECT statement from among the following.

Options :

1. ✖ The 2^{nd} group elements are called alkaline metal.

2. ✖ The group of 18 (or Zero) elements is called noble gas.

3. ✔ The 17^{th} group elements are called alkali metal.

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4. ✖ The 1st and 2nd groups are called s-block elements.

Question Number : 76 Question Id : 6789134876 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Algae belongs to which of the following groups?

Options :

1. ✔ Thallophyta

2. ✖ Bryophyta

3. ✖ Pteridophyta

4. ✖ Angiosperm

Question Number : 77 Question Id : 6789134877 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Fertilisation in human beings takes place in the _____.

Options :

1. ✖ Uterus

2. ✔ Fallopian tube

3. ✖ Ovary

4. ✖ Vagina

Question Number : 78 Question Id : 6789134878 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

_____ promotes cell division.

Options :

1. ✖ Auxins

2. ✔ Cytokinins

3. ✖ Abscisci acid

4. ✖ Gibbrellins

Question Number : 79 Question Id : 6789134879 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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Which human body part carry eggs from the ovary to the uterus?

Options :

1. ✔ Fallopian tube

2. ✖ Penis

3. ✖ Vagina

4. ✖ Ovaries

Question Number : 80 Question Id : 6789134880 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

What is the method in which Copper-T is placed in the uterus called?

Options :

1. ✔ Contraception

2. ✖ Conception

3. ✖ Copulation

4. ✖ Fertilisation

Question Number : 81 Question Id : 6789134881 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which state won the Deodhar Trophy for 2016-17?

Options :

1. ✔ Tamil Nadu

2. ✖ Rest of India

3. ✖ India B

4. ✖ India A

Question Number : 82 Question Id : 6789134882 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which sport does Jelena Ostapenko represent?

Options :

1. ✖ Badminton

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2. ✔ Lawn Tennis

3. ✖ Cricket

4. ✖ Hockey

Question Number : 83 Question Id : 6789134883 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which country will host the 46th Congress of the International Hockey Federation, 2018?

Options :

1. ✖ England

2. ✖ Australia

3. ✖ France

4. ✔ India

Question Number : 84 Question Id : 6789134884 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Who won the 'Best Director' award at the 48th International Film Festival of India (IFFI) held in Goa?

Options :

1. ✖ Robin Campillo

2. ✖ Mahesh Narayan

3. ✔ Vivian Qu

4. ✖ Kiro Russo

Question Number : 85 Question Id : 6789134885 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Who among the following has won the Best Child Artist Award for the film 'Kunju Daivam' at the 64th National Film Awards, 2016, announced in April 2017?

Options :

1. ✖ Diya Chalwad

2. ✖ Sara Arjun

3. ✖ Darsheel Kumar

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4. ✔ Adhish Praveen

Question Number : 86 Question Id : 6789134886 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Indian Boxing champion Mary Kom belongs to which state?

Options :

1. ✖ Meghalaya

2. ✔ Manipur

3. ✖ Mizoram

4. ✖ Assam

Question Number : 87 Question Id : 6789134887 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Who is the noted agricultural scientist and pioneer of India's Green Revolution?

Options :

1. ✖ R N Swamy

2. ✔ Gurcharan Singh Kalkat

3. ✖ Girish Badragond

4. ✖ Gudivada Nagaratnam Naidu

Question Number : 88 Question Id : 6789134888 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Who was awarded Padma Vibushan in the year 2018 for their contribution to the field of literature and education?

Options :

1. ✖ Sharda Sinha

2. ✖ Arvind Parikh

3. ✔ P. Parameswaran

4. ✖ Laxman Pai

Question Number : 89 Question Id : 6789134889 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Who is the present spokesperson of the Indian Navy?

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Options :

1. ✔ Capt DK Sharma

2. ✖ Capt KD Sharma

3. ✖ Capt DK Varma

4. ✖ Capt KD Varma

Question Number : 90 Question Id : 6789134890 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

When was the Telegu Desam Party founded by N. T. Rama Rao?

Options :

1. ✖ 29th March 1962

2. ✖ 29th March 1975

3. ✖ 29th March 1985

4. ✔ 29th March 1982

Question Number : 91 Question Id : 6789134891 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which political party in India vehemently supports left-wing politics like 'land for all', 'right to work' and strongly opposes neo-liberal policies such as globalisation, capitalism and privatisation?

Options :

1. ✔ Communist Party of India (Marxist)

2. ✖ Bharatiya Janata Party

3. ✖ Swarna Bharat Party

4. ✖ Shiv Sena

Question Number : 92 Question Id : 6789134892 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

In 2017, which state government officially launched the women safety application 'Ammavin Aran'?

Options :

1. ✖ Uttar Pradesh

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2. ✖ Assam

3. ✔ Tamil Nadu

4. ✖ Kerala

Question Number : 93 Question Id : 6789134893 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The word 'Secular' in the Constitution of India was added through which amendment act?

Options :

1. ✖ 32nd

2. ✔ 42nd

3. ✖ 44th

4. ✖ 52 nd

Question Number : 94 Question Id : 6789134894 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which Mughal ruler introduced the Din-i-Ilahi?

Options :

1. ✖ Shah Jahan

2. ✖ Humayun

3. ✖ Aurangzeb

4. ✔ Akbar

Question Number : 95 Question Id : 6789134895 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The period between _____ is known as the Delhi Sultanate period.

Options :

1. ✖ AD 1209 and AD 1526

2. ✖ AD 1205 and AD 1526

3. ✔ AD 1206 and AD 1526

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4. ✖ AD 1210 and AD 1526

Question Number : 96 Question Id : 6789134896 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Rhododendron is the state flower of _____.

Options :

1. ✖ Tripura

2. ✖ Sikkim

3. ✔ Nagaland

4. ✖ Telangana

Question Number : 97 Question Id : 6789134897 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Telangana, as a geographical and political entity was born on June 2, 2014 as the _____ and the youngest state in Union of India.

Options :

1. ✖ 30^{th}

2. ✔ 29^{th}

3. ✖ 28^{th}

4. ✖ 27^{th}

Question Number : 98 Question Id : 6789134898 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Who introduced the Union Budget (2018-19) in the Parliament of India?

Options :

1. ✖ Piyush Goyal

2. ✖ Yashwant Sinha

3. ✔ Arun Jaitley

4. ✖ Nirmala Seetharaman

Question Number : 99 Question Id : 6789134899 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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The rate at which RBI borrows loans from other banks is known as:

Options :

1. ✖ Repo rate

2. ✖ Liquidity rate

3. ✔ Reverse repo rate

4. ✖ Exchange rate

Question Number : 100 Question Id : 6789134900 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

What is India's rank in the latest World Economic Forum's (WEF) global manufacturing index?

Options :

1. ✖ 33

2. ✖ 32

3. ✖ 31

4. ✔ 30

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