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 05th 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 : 3026161301 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

For a number to be divisible by 6, it must be divisible by:

Options :

1. ✖ 2 & 4

2. ✔ 2 & 3

3. ✖ 2 & 1

4. ✖ 1 & 3

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Question Number : 2 Question Id : 3026161302 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Evaluate the following expression : $(3 - \sqrt{5})(2 + \sqrt{5})(1 - \sqrt{5}) = ?$

Options :

1. ✖ 4

2. ✖ $2\sqrt{5}$

3. ✔ -4

4. ✖ $-2\sqrt{5}$

Question Number : 3 Question Id : 3026161303 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Express the fraction $\frac{625}{8}$ in decimal form?

Options :

1. ✔ 78.125

2. ✖ 78.215

3. ✖ 78.512

4. ✖ 87.125

Question Number : 4 Question Id : 3026161304 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Assuming 1 inch = 2.5 cm, how many pieces of 6-inch-thick cushions will be needed to make a 30.48-metre-high pile (answer rounded off to the nearest whole number)?

Options :

1. ✖ 120

2. ✖ 223

3. ✔ 203

4. ✖ 2032

Question Number : 5 Question Id : 3026161305 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

If $\sqrt{1369} = 37$, then $\{\sqrt{13.69} + \sqrt{0.1369} + \sqrt{0.001369} + \sqrt{0.00001369} + 2\} = ?$

Options :

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1. ✖ 4.01007

2. ✖ 2.1107

3. ✖ 3.2407

4. ✔ 6.1107

Question Number : 6 Question Id : 3026161306 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

What is the greatest number which on dividing 63, 77 and 98 leaves the remainders 3, 5 and 2, respectively?

Options :

1. ✔ 6

2. ✖ 8

3. ✖ 9

4. ✖ 10

Question Number : 7 Question Id : 3026161307 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The difference between two fractions is $\frac{5}{9}$. The smaller one is $\frac{5}{6}$. The other fraction is:

Options :

1. ✖ $\frac{4}{3}$

2. ✖ $\frac{5}{3}$

3. ✖ $\frac{3}{2}$

4. ✔ $\frac{25}{18}$

Question Number : 8 Question Id : 3026161308 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The smallest cubic number that is divisible by 15, 25 and 40 is:

Options :

1. ✔ 27000

2. ✖ 64000

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3. ✖ 1000

4. ✖ 8000

Question Number : 9 Question Id : 3026161309 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Sanju has ₹ 940 in the form of coins. 40% of the coins are 5 rupee coins. 20% of the coins are 10 rupee coins. 30% are 2 rupee coins and the remaining are 1 rupee coins. What is the number of 5 rupee coins?

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

Options :

1. 20

2. 25

3. 35

4. 40

Question Number : 10 Question Id : 3026161310 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The price of a mobile phone with 7% profit is ₹17,334. How much less will a customer pay if the profit is reduced to 5%?

Options :

1. ✖ ₹ 306

2. ✔ ₹ 324

3. ✖ ₹ 347

4. ✖ ₹ 352

Question Number : 11 Question Id : 3026161311 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

A sum of money invested for 2 years and 9 months at a rate of 8% simple interest per annum became ₹ 915 at the end of the period. What was the sum that was initially invested?

Options :

1. ✖ ₹ 725

2. ✖ ₹ 675

3. ✔ ₹ 750

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4. ✖ ₹ 700

Question Number : 12 Question Id : 3026161312 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

A shopkeeper marks his goods 25% higher than the cost price and allows a discount of 5%. The percentage of his profit is:

Options :

1. ✖ 12.75

2. ✖ 14.75

3. ✖ 15.75

4. ✔ 18.75

Question Number : 13 Question Id : 3026161313 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Sachin travels from Delhi to Hyderabad, a distance of 360 km, in 4 h, partly by air and partly by train. If he had travelled all the way by air, he would have saved $\frac{4}{5}$ of the time he was in the train and would have arrived at his destination 2 hours early. Find the distance he travelled by train?

Options :

1. ✖ 45 km

2. ✖ 50 km

3. ✖ 75 km

4. ✔ 90 km

Question Number : 14 Question Id : 3026161314 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Celina went to the city from her home at the rate of 8 km/hr but returned by the same route at the rate of 6 km/hr. The two-way journey took her $24\frac{1}{2}$ hours. How far from the city did Celina live?

Options :

1. ✔ 84 km

2. ✖ 87 km

3. ✖ 90 km

4. ✖ 96 km

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Question Number : 15 Question Id : 3026161315 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Charlie and Lola can do a work together in 20 days. They worked for 15 days and Lola left. Charlie finished the remaining work in 12 days. Find in how many days Charlie will be able to finish the full work alone.

Options :

1. ✖ 5

2. ✖ 17

3. ✖ 32

4. ✔ 48

Question Number : 16 Question Id : 3026161316 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

A school has 850 students. If 44% are Muslims; 28%, Hindus; 10%, Sikhs and the rest belong to other communities, then what is the number of students belonging to other communities?

Options :

1. ✖ 143

2. ✖ 133

3. ✖ 163

4. ✔ 153

Question Number : 17 Question Id : 3026161317 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

A tube can fill a sump in 4 hours. After half the sump is filled, three more similar tubes are opened. What is the total time taken to fill the sump completely?

Options :

1. ✖ 3 hr

2. ✖ 1 hr 30 min

3. ✔ 2 hr 30 min

4. ✖ 2 hr

Question Number : 18 Question Id : 3026161318 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

A tank can be filled by tap A and B in 8 and 6 hours, respectively. Tap C can empty the filled tank in 4 hrs. If all the three taps are opened simultaneously, how much time will be taken to fill the tank completely?

Options :

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1. ✔ 24 hours

2. ✖ $\frac{24}{5}$ hours

3. ✖ 3 hours

4. ✖ $\frac{24}{3}$ hours

Question Number : 19 Question Id : 3026161319 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Two-third of my current age is the same as three-fourth of that of one of my cousins. My age 3 years ago was the same as what my cousin's age will be 1 year from now. What is my current age (in years)?

Options :

1. ✖ 45

2. ✔ 36

3. ✖ 27

4. ✖ 18

Question Number : 20 Question Id : 3026161320 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The ratio of a father's age to his son's age is 2 : 1 The product of their ages is 200. What will be the ratio their ages after 5 years?

Options :

1. ✖ 10 : 7

2. ✖ 9 : 5

3. ✔ 5 : 3

4. ✖ 9 : 2

Question Number : 21 Question Id : 3026161321 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The angle of depression of the foot of a building from the top of a tower 58 m away is 60°. How high is the tower?

Options :

1. ✖ 58 m

2. ✖ $29\sqrt{3}$ m

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3. ✔ $58\sqrt{3}$ m

4. ✖ 29 m

Question Number : 22 Question Id : 3026161322 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Select the value that will come in the place of '?' in the following expression.

If $a + b + c = 0$, then $a^3 + b^3 + c^3 = ? \times abc$.

Options :

1. ✖ 1

2. ✖ 2

3. ✔ 3

4. ✖ 4

Question Number : 23 Question Id : 3026161323 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

If $x + y = 15$ and $xy = 45$, what is the value of $x^2 + y^2$?

Options :

1. ✖ 240

2. ✖ 225

3. ✖ 170

4. ✔ 135

Question Number : 24 Question Id : 3026161324 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Find the remainder when $27x^3 - 9x^2 + 3x - 8$ is divided by $3x + 2$.

Options :

1. ✔ -22

2. ✖ +22

3. ✖ -16

4. ✖ +16

Question Number : 25 Question Id : 3026161325 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The difference between the height and base of a right angled triangle is 7 cm and the area of that triangle is 30 sq.cm. Find the perimeter of the triangle.

Options :

1. ✔ 30 cm

2. ✖ 12 cm

3. ✖ 13 cm

4. ✖ 25 cm

Question Number : 26 Question Id : 3026161326 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Select the term that relates to the third term in the same way that the second term relates to the first term.

Wrist : Shoulder :: Ankle : _____

Options :

1. ✖ Knee

2. ✖ Joint

3. ✖ Bone

4. ✔ Hip

Question Number : 27 Question Id : 3026161327 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

X is the brother of Y, V is the mother of Y, M is the sister of V's husband, N is the brother of V, U is V's husband, then U's mother is Y's_____.

Options :

1. ✔ Grand mother

2. ✖ Mother

3. ✖ Sister in law

4. ✖ Aunt

Question Number : 28 Question Id : 3026161328 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Y introduces S as "the mother of her father's mother". S is the _____ of Y.

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Options :

1. ✖ maternal Grandmother

2. ✔ paternal great grandmother

3. ✖ paternal grandmother

4. ✖ mother

Question Number : 29 Question Id : 3026161329 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Select the option that is related to the third word on the same basis as the second word is related to the first word.

Theatre : Recreation : : Temple : ?

Options :

1. ✔ Worship

2. ✖ Stay

3. ✖ People

4. ✖ Deity

Question Number : 30 Question Id : 3026161330 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Given below are two statements followed by two conclusions numbered I and II. You have to consider the statements to be true, even if they seem to be at variance from commonly known facts. Decide which of the conclusions follow/s from the statements.

Statements:
1) Some peons are soldiers.
2) Some soldiers are not cooks.

Conclusions:
I. Some soldiers are peons.
II. Some cooks are soldiers.

Options :

1. ✔ Only conclusion I follows

2. ✖ Only conclusion II follows

3. ✖ Both conclusions I and II follow

4. ✖ Neither conclusion I nor II follows

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Question Number : 31 Question Id : 3026161331 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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

Options :

1. ✖ uncle

2. ✖ father

3. ✔ grand father

4. ✖ brother

Question Number : 32 Question Id : 3026161332 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 given assumptions is/are implicit in the statement.

Statement:
Due to severe water shortage in cape town, the government had passed order to minimize the water consumption.
Assumption:
1. Most of the citizens may minimize the water consumption.
2. Most of the citizen may protest against the order.

Options :

1. ✔ Only assumption 1 implicit

2. ✖ Only assumption 2 implicit

3. ✖ Both 1 and 2 implicit

4. ✖ Either 1 or 2 implicit

Question Number : 33 Question Id : 3026161333 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Read the argument below that is followed by two assumptions. Read the information and decide which assumption(s) follows/follows the given argument.
Argument:
Students are expected to be frank while writing feedback of teacher
Assumptions:
1. Unless cautioned, student may feel shy to write feedback
2. Every feedback report helps teacher to improve

Options :

1. ✖ Only assumption 1 follows

2. ✖ Only assumption 2 follows

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3. ✔ Both assumptions 1 and 2 follow

4. ✖ Neither assumption 1 nor 2 follows

Question Number : 34 Question Id : 3026161334 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:
The improvement in the quality of Cinemas will lead to an increase in the number of viewers.

Assumptions:
I. Cinema is a good entertainment medium.
II. The quality of Cinemas have improved recently.

Options :

1. ✔ only assumption I is implicit

2. ✖ only assumption II is implicit

3. ✖ either I or II is implicit

4. ✖ neither I nor II is implicit

Question Number : 35 Question Id : 3026161335 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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

Statement:
Too much use of sunscreen deprives the body of Vitamin D

Arguments:
I. Yes, people should avoid use of sunscreen at least while exercising in open air
II. No, the sun's rays are harmful and we should always use sunscreen

Options :

1. ✔ Only argument I is strong

2. ✖ Only argument II is strong

3. ✖ Both arguments I and II are strong

4. ✖ Neither I nor II is strong

Question Number : 36 Question Id : 3026161336 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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$1-\frac{2}{3}\left(1-\frac{5}{6}\times 18\right)+\frac{3}{2}=?$

Options :

1. ✖ $\frac{17}{6}$

2. ✖ $\frac{17}{3}$

3. ✔ $\frac{71}{6}$

4. ✖ $\frac{71}{4}$

Question Number : 37 Question Id : 3026161337 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which term follows next in the given series?

T15, R18, P21, N24, ?

Options :

1. ✔ L27

2. ✖ B25

3. ✖ O18

4. ✖ G4

Question Number : 38 Question Id : 3026161338 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

If < means –, > means +, = means × and $ means ÷ then what is the value of 29 > 30$ 5 < 4?

Options :

1. ✖ 37

2. ✖ 34

3. ✔ 31

4. ✖ 28

Question Number : 39 Question Id : 3026161339 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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Complete the following series by using the correct terms given in the options.

VE, TG, RI, _____, NM.

Options :

1. ✖ KO

2. ✖ PO

3. ✖ SL

4. ✔ PK

Question Number : 40 Question Id : 3026161340 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:

The letters A, T, M and E are parts of a word. Which one among the four appears first in the word?

Statements:

1. A appears in the second position.
2. E appears in the last position.

Options :

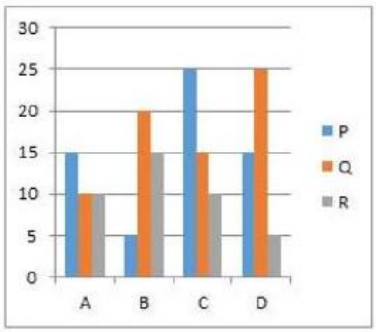
1. ✖ Both the statements together are sufficient.

2. ✔ Both the statements are insufficient.

3. ✖ Statement 1 alone is sufficient.

4. ✖ Statement 2 alone is sufficient.

Question Number : 41 Question Id : 3026161341 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical



The above bar graph represents the production of three grains P, Q, R in four states A, B, C, D
In total production of the grain R, the percentage of grain R that was contributed by state B is (round to one decimal).

Options :

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1. ✖ 37.8

2. ✖ 37.4

3. ✔ 37.5

4. ✖ 37

Question Number : 42 Question Id : 3026161342 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:
The sea route between Mumbai and Muscat is much cheaper than the roadways?
Statements:
1. Transportation by sea is always cheaper than roadways.
2. Fuel must be saved to great extent.

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

Options :

1. 1 alone is sufficient while 2 alone is not sufficient

2. 2 alone is sufficient while 1 alone is not sufficient

3. Either 1 or 2 alone is sufficient

4. Both 1 and 2 together are sufficient

Question Number : 43 Question Id : 3026161343 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:
Neelanjani had picked up 10 items of odd sizes and she was left with only 3 baskets in the supermarket. How many items did she keep in the 2nd basket?

Statements:
1. There were 3 big packets of noodles that she had kept in the 1st basket.
2. The 3rd basket had 5 cans of three different sizes.

Options :

1. ✔ Statements 1 and 2 together are sufficient.

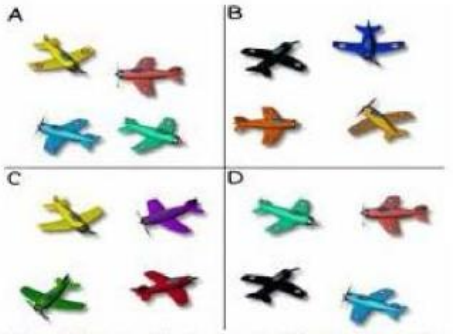
2. ✖ Statement 1 alone is sufficient.

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3. ✖ Statement 2 alone is sufficient.

4. ✖ Neither statement 1 nor 2 is sufficient.

Question Number : 44 Question Id : 3026161344 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical



The figure that does not belong to the group is:

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 : 45 Question Id : 3026161345 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical



Choose the correct picture which fit the blank space.



Options :

1. ✖ A

2. ✖ B

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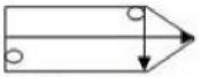
3. ✖ C

4. ✔ D

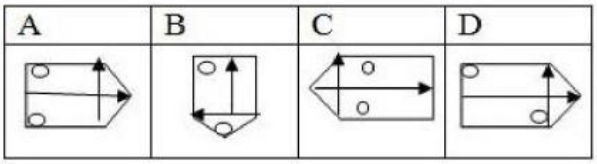
Question Number : 46 Question Id : 3026161346 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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

Question Figure:



Option Figures:



Options :

1. ✖ A

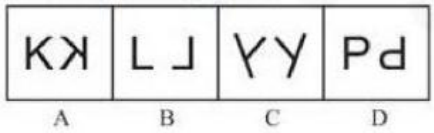
2. ✖ B

3. ✖ C

4. ✔ D

Question Number : 47 Question Id : 3026161347 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

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Question Number : 48 Question Id : 3026161348 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Find the odd one out:

A	C	D	α
A	B	C	D

Options :

1. ✖ A

2. ✖ B

3. ✖ C

4. ✔ D

Question Number : 49 Question Id : 3026161349 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Find the odd one out:

A	B	C	D
			

Options :

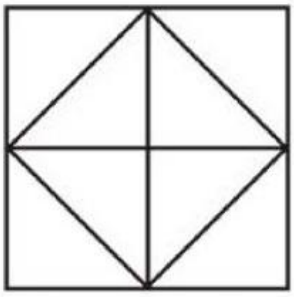
1. ✖ A

2. ✖ B

3. ✔ D

4. ✖ C

Question Number : 50 Question Id : 3026161350 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical



The number of triangles in the above figure is

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Options :

1. ✖ 11

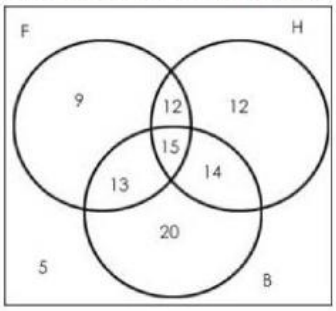
2. ✖ 10

3. ✖ 13

4. ✔ 12

Question Number : 51 Question Id : 3026161351 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The given diagram shows the number of students in a class who play football (F), hockey (H) and basketball (B). Total number of students who play F and B but not H is:



Options :

1. ✖ 28

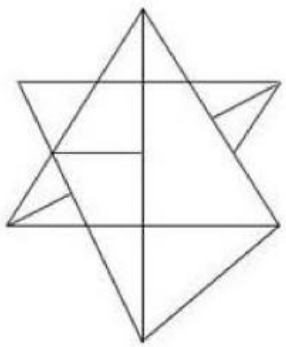
2. ✔ 13

3. ✖ 29

4. ✖ 42

Question Number : 52 Question Id : 3026161352 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?



Options :

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1. ✖ 19

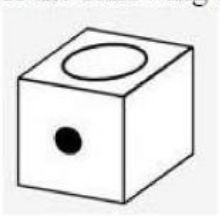
2. ✔ 21

3. ✖ 10

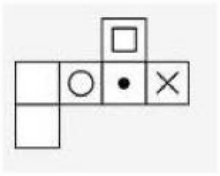
4. ✖ 15

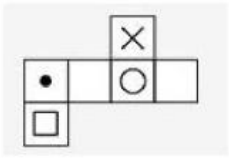
Question Number : 53 Question Id : 3026161353 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

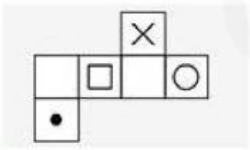
If the following cube is unfolded, which of the patterns would it resemble?

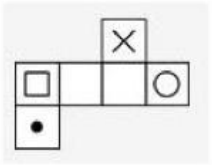


Options :

1. ✖ 

2. ✖ 

3. ✔ 

4. ✖ 

Question Number : 54 Question Id : 3026161354 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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Mr. X runs a marathon starting from the point A he runs 5 km towards north and reach point B then turns right runs 5 km reach point C then turn right runs 8 km and reach point D then turns right runs 10 km and reach point E then turns right runs 6 km and reach point F then turns right runs 1 km and reach point G then turns rights runs 3 km and reach point H.
At point H which direction is Mr. X right now facing?

Options :

1. ✖ East

2. ✖ West

3. ✖ North

4. ✔ South

Question Number : 55 Question Id : 3026161355 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

CDDVD

Which of the following is the water image of the above figure?

Options :

1. ✖ ↄ ⊓ ⊓ ∧ D

2. ✖ ↄ ⊓ ⊓ V ⊓

3. ✖ ↄ D D V D

4. ✔ CDD∧D

Question Number : 56 Question Id : 3026161356 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which of the following has both direction and magnitude?

Options :

1. ✖ Speed

2. ✖ Distance

3. ✖ Mass

4. ✔ Momentum

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Question Number : 57 Question Id : 3026161357 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The change in the momentum of a body in 0.02 second is $10\ \text{kg ms}^{-1}$. The force acting on this body is:

Options :

1. ✖ 550 N

2. ✔ 500 N

3. ✖ 200 N

4. ✖ 100 N

Question Number : 58 Question Id : 3026161358 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

_____ is an instrument used in motor vehicles to measure the distance.

Options :

1. ✖ Speedometer

2. ✔ Odometer

3. ✖ Tachometer

4. ✖ Accelerometer

Question Number : 59 Question Id : 3026161359 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

An object weighs 20 N when measured on the surface of Earth. What would be its weight when measured on the surface of the moon?

Options :

1. ✖ 1.67 N

2. ✔ 3.33 N

3. ✖ 2.01 N

4. ✖ 4 N

Question Number : 60 Question Id : 3026161360 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

If displacement, s = 0
Therefore, Work done, W = ?

Options :

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1. ✖ -1 J

2. ✖ 1 J

3. ✖ 2 J

4. ✔ 0 J

Question Number : 61 Question Id : 3026161361 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

What change will the Potential Energy of a body moving at a certain height undergo if the velocity of the body is increased four times?

Options :

1. ✖ It will become half of the original value.

2. ✖ It will double.

3. ✖ It will become four times the original value.

4. ✔ It will remain constant.

Question Number : 62 Question Id : 3026161362 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 in riding a bicycle?

Options :

1. ✔ Chemical energy is transformed into muscular and then kinetic energy.

2. ✖ Potential energy is transformed into muscular energy.

3. ✖ Chemical energy is transformed into mechanical energy.

4. ✖ Chemical energy is transformed into kinetic energy.

Question Number : 63 Question Id : 3026161363 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 about the speed of sound in different media at 25 °C?

A. In water (sea), the speed of sound is 1531m/s.
B. In ethanol, the speed of sound is 1200 m/s

Options :

1. ✔ Only A is true

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2. ✖ Only B is true

3. ✖ Both A and B are true

4. ✖ Neither A nor B is true

Question Number : 64 Question Id : 3026161364 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 transverse wave?

Options :

1. ✖ Electromagnetic wave

2. ✖ Radio wave

3. ✖ Light wave

4. ✔ Sound wave

Question Number : 65 Question Id : 3026161365 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

If a fuse is rated 8A, then the:

Options :

1. ✖ fuse will work only if the current is exactly 8A

2. ✖ fuse will start working only if the current exceeds 8A

3. ✔ fuse will melt if the current exceeds 8A

4. ✖ fuse will have a magnetic induction of more than 8

Question Number : 66 Question Id : 3026161366 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

A current of 0.75 A is drawn by a filament of an electric bulb for 5 minutes. Find the amount of electric charge that flows through the current.

Options :

1. ✔ 225 C

2. ✖ 240 C

3. ✖ 50 C

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4. ✖ 200 C

Question Number : 67 Question Id : 3026161367 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which of the following is the correct definition of a mole?

(a) It is equal to the gram atomic mass of the substance.

(b) It contains 6.022×10^{20} atoms of a given substance.

(c) It is equal to gram molecular mass of the substance.

(d) It contains 6.022×10^{23} molecules of a given substance.

Options :

1. ✖ All of the options

2. ✔ Options (a), (c), and (d)

3. ✖ Options (c) and (d) only

4. ✖ Options (b), (c) and (d)

Question Number : 68 Question Id : 3026161368 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The atomic mass of aluminium is 27. The number of moles present in 54 g of Aluminium is:

Options :

1. ✖ 4

2. ✖ 3

3. ✔ 2

4. ✖ 1

Question Number : 69 Question Id : 3026161369 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The maximum number of electrons that can be accommodated in K shell of an atom is:

Options :

1. ✖ 6

2. ✔ 2

3. ✖ 8

4. ✖ 18

Question Number : 70 Question Id : 3026161370 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

When one mole of lead nitrate is heated, then:

Options :

1. ✖ 2 moles of O_2 gas is produced

2. ✔ 2 moles of NO_2 gas is produced

3. ✖ 1 mole of NO_2 gas is produced

4. ✖ 3 moles of NO_2 gas is produced

Question Number : 71 Question Id : 3026161371 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which of the following statements is/are true/false?Statement

A. The following is an example of irreversible reactions

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

B. The following is an example of double displacement reaction

$$2Mg(s) + O_2(g) \longrightarrow 2MgO(s)$$

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 : 3026161372 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Saturated hydrocarbons have:

Options :

1. ✔ single bonds between the carbon atoms

2. ✖ a double bond between the two carbon atoms

3. ✖ a triple bond between the two carbon atoms

4. ✖ an ionic bond between the two carbon atoms

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Question Number : 73 Question Id : 3026161373 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Froth-floatation process is used for the concentration of _____ ore.

Options :

1. ✖ Copper

2. ✔ Sulphide

3. ✖ Mercury

4. ✖ Sodium

Question Number : 74 Question Id : 3026161374 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The first element in every period has 1 valence electron and the last element in every period has _____ electrons. (Except Helium)

Options :

1. ✖ 6 valance elements

2. ✖ 2 valance elements

3. ✔ 8 valance electrons

4. ✖ 2 valance electrons

Question Number : 75 Question Id : 3026161375 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which of the following statements about the Modern Periodic Table is/are incorrect?

i. The elements in the Modern Periodic Table are arranged on the basis of their decreasing atomic numbers.
ii. The elements in the Modern Periodic Table are arranged on the basis of their increasing atomic masses.
iii. Isotopes are placed in adjoining groups in the Modern Periodic Table
iv. The elements in the Modern Periodic Table are arranged on the basis of their increasing atomic numbers.

Options :

1. ✖ Only (i)

2. ✖ (i), (ii) and (iv)

3. ✔ (i), (ii) and (iii)

4. ✖ Only (iv)

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Question Number : 76 Question Id : 3026161376 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

_____ are warm blooded animals.

Options :

1. ✖ Pisces

2. ✖ Amphibians

3. ✔ Mammals

4. ✖ Reptiles

Question Number : 77 Question Id : 3026161377 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which division among plants has the simplest organisms?

Options :

1. ✖ Bryophyta

2. ✖ Pteridophyta

3. ✔ Thallophyta

4. ✖ Gymnosperms

Question Number : 78 Question Id : 3026161378 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which one of the following is NOT a macronutrient?

Options :

1. ✖ Carbohydrates

2. ✖ Fat

3. ✖ Amino acid

4. ✔ Vitamins

Question Number : 79 Question Id : 3026161379 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Identify the part in the male reproductive system that forms a common passage for both sperm and urine.

Options :

1. ✖ Uterus

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2. ✖ Vas deferens

3. ✖ Scrotum

4. ✔ Urethra

Question Number : 80 Question Id : 3026161380 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Alleles are a/an:

Options :

1. ✖ form of incomplete dominance

2. ✖ alternate form of enzymes

3. ✖ alternate form of chromosomes

4. ✔ alternate form of genes

Question Number : 81 Question Id : 3026161381 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which Country won the Men's 2017 Confederation Cup Football title?

Options :

1. ✔ Germany

2. ✖ Brazil

3. ✖ France

4. ✖ Spain

Question Number : 82 Question Id : 3026161382 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The Headquarters of 'FIFA' is in_____.

Options :

1. ✔ Zurich, Switzerland

2. ✖ Paris, France

3. ✖ Budapest, Hungary

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4. ✖ Montevideo, Uruguay

Question Number : 83 Question Id : 3026161383 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Chinnaswamy Cricket ground is located in which of the following cities?

Options :

1. ✖ Chennai

2. ✔ Bengaluru

3. ✖ Hyderabad

4. ✖ Kochi

Question Number : 84 Question Id : 3026161384 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which of the following books is authored by Salman Rushdie?

Options :

1. ✖ My Truth

2. ✖ My Early Life

3. ✔ Midnight's Children

4. ✖ Million Mutinies Now

Question Number : 85 Question Id : 3026161385 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Renowned Hindi scholar, litterateur and playwright Surendra Verma was selected for which of the following awards?

Options :

1. ✖ Sahitya Akademi 2016

2. ✖ Gyanpeeth Award

3. ✔ Vyas Samman 2016

4. ✖ Saraswati Samman

Question Number : 86 Question Id : 3026161386 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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Which film was awarded the Best film on Family Welfare in the National awards, 2017?

Options :

1. ✗ Neerja

2. ✗ Newton

3. ✓ Little Magician

4. ✗ Hindi medium

Question Number : 87 Question Id : 3026161387 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

On 19th January 2018, which of the following Asian countries joined the Australian Group as its 43rd Member?

Options :

1. ✓ India

2. ✗ Sri Lanka

3. ✗ China

4. ✗ South Korea

Question Number : 88 Question Id : 3026161388 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which Indian-origin filmmaker has been honoured with the Sikh Jewel Award for 2017?

Options :

1. ✗ Geeta Bali

2. ✓ Gurinder Chadha

3. ✗ Kuldeep Kaur

4. ✗ Tejkaran Kaur

Question Number : 89 Question Id : 3026161389 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

From which state does the Honorable President of India, Ramnath Kovind hail from?

Options :

1. ✓ Uttar Pradesh

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2. ✖ Punjab

3. ✖ Bihar

4. ✖ West Bengal

Question Number : 90 Question Id : 3026161390 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The Bahujan Samaj Party is recognized by the _____ Symbol.

Options :

1. ✔ Elephant

2. ✖ Hand

3. ✖ Clock

4. ✖ Hammer

Question Number : 91 Question Id : 3026161391 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The Mahatma Gandhi Rural Employment Guarantee Act was launched on _____.

Options :

1. ✖ 22nd February 2001

2. ✖ 3rd March 2008

3. ✔ 2nd February 2006

4. ✖ 10th June 2010

Question Number : 92 Question Id : 3026161392 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

In January 2018, what became the first course conducted under the Global Initiative on Academic Network (GIAN) programme of the Union Ministry of Human Resource Development?

Options :

1. ✖ Sustainable design using biomimicry and renewable resources.

2. ✖ Sustainable architecture using natural resources for low cost housing.

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3. ✖ Sustainable product development using indigenous and recycled material.

4. ✔ Sustainable urban planning using remote sensing and Geographic Information System (GIS).

Question Number : 93 Question Id : 3026161393 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The official languages of the Indian Union are mentioned in which Schedule of the Constitution of India?

Options :

1. ✖ 1^{st}

2. ✖ 4^{th}

3. ✔ 8^{th}

4. ✖ 12^{th}

Question Number : 94 Question Id : 3026161394 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Murshid Quli Khan declared himself the Nawab of Bengal and transferred his capital from Dacca (Dhaka) to _____.

Options :

1. ✖ Giria

2. ✖ Buxar

3. ✖ Moradabad

4. ✔ Murshidabad

Question Number : 95 Question Id : 3026161395 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

King Ashoka sent missionaries to far off places to propagate the ideals of Buddhism and inspire people to live by the teachings of Lord Buddha which included his son and daughter, _____.

Options :

1. ✖ Mahesh and Sangeeta.

2. ✔ Mahendra and Sanghamitra

3. ✖ Manoj and Sanjana

4. ✖ Mandeep and Suhasana

Question Number : 96 Question Id : 3026161396 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Uttar Pradesh is the leading producer of _____.

Options :

1. ✖ Tea

2. ✔ Sugarcane

3. ✖ Coffee

4. ✖ Jute

Question Number : 97 Question Id : 3026161397 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Ramgiri in Anantpur district is famous for _____.

Options :

1. ✖ diamonds

2. ✖ petroleum

3. ✔ gold fields

4. ✖ silver

Question Number : 98 Question Id : 3026161398 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

What is the appropriate term in economics that is used to denote the rise in the market prices?

Options :

1. ✔ Inflation

2. ✖ Stagflation

3. ✖ Deflation

4. ✖ Stagnation

Question Number : 99 Question Id : 3026161399 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which of the following is the oldest public sector bank in India?

Options :

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1. ✔ Allahabad Bank

2. ✖ Oriental Bank of Commerce

3. ✖ Punjab National Bank

4. ✖ Bank of Maharashtra

Question Number : 100 Question Id : 3026161400 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

According to The World Economic Forum (WEF) report released in January 2018, India is ranked at which position among 100 countries on its Global Manufacturing Index (GMI)?

Options :

1. ✖ 10^{th}

2. ✔ 30^{th}

3. ✖ 20^{th}

4. ✖ 40^{th}

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