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Question Paper Preview

Notations :

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

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

Question Paper Name:	RRB Level 1 03rd Dec 2018 Shift3
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?:	Yes
Highlighter:	No
Auto Save on Console?:	No

Display Number Panel:	Yes
Group All Questions:	No

Question Number : 1 Question Id : 3026162901 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The sum of $\frac{2}{3}$ and its reciprocal is:

Options :

1. ✖ 1

2. ✖ $\frac{5}{6}$

3. ✔ $2\frac{1}{6}$

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4. ✖ $2\frac{1}{5}$

Question Number : 2 Question Id : 3026162902 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

If $295x5$ is divisible by 11, then the value of x is :

Options :

1. ✖ 4

2. ✔ 3

3. ✖ 2

4. ✖ 1

Question Number : 3 Question Id : 3026162903 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

$\frac{5}{8}$, when added to this number, gives $\frac{5}{32}$. The number in question is –

Options :

1. ✖ $\frac{5}{24}$

2. ✖ $\frac{15}{32}$

3. ✔ $-\frac{15}{32}$

4. ✖ $-\frac{5}{24}$

Question Number : 4 Question Id : 3026162904 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The LCM of two positive integers x and y $(x > y)$ is xy. The HCF of the two numbers will be:

Options :

1. ✔ 1

2. ✖ $x + y$

3. ✖ $x - y$

4. ✖ Cannot be determined

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Question Number : 5 Question Id : 3026162905 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which of the following numbers is a perfect cube?

Options :

1. ✖ 100

2. ✔ 1000

3. ✖ 10000

4. ✖ 100000

Question Number : 6 Question Id : 3026162906 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

$1.08 \div 0.000108 =$

Options :

1. ✖ 1000000

2. ✖ 1000

3. ✔ 10000

4. ✖ 100000

Question Number : 7 Question Id : 3026162907 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

What is the square root of 17424?

Options :

1. ✖ 128

2. ✔ 132

3. ✖ 138

4. ✖ 136

Question Number : 8 Question Id : 3026162908 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

What is the smallest number that has exactly 7 factors?

Options :

1. ✖ 16

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2. ✖ 36

3. ✔ 64

4. ✖ 100

Question Number : 9 Question Id : 3026162909 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

€1775, invested for 6 years gives an interest of €852. The rate of simple interest per annum is:

Options :

1. ✔ 8%

2. ✖ 7.5%

3. ✖ 9%

4. ✖ 7%

Question Number : 10 Question Id : 3026162910 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Parvinder sold a pair of trousers at a loss of 17%. If he paid ₹ 700 for the pair, how much did he sell them for?

Options :

1. ✖ ₹ 615

2. ✖ ₹ 598

3. ✔ ₹ 581

4. ✖ ₹ 573

Question Number : 11 Question Id : 3026162911 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

What percentage is 250 decilitre of 1.1 kilolitre?

Options :

1. ✖ 2.50%

2. ✔ 2.27%

3. ✖ 2.65%

4. ✖ 2.78%

Question Number : 12 Question Id : 3026162912 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Rupsa's salary was always a constant share of Tapati's salary. When Rupsa earned ₹ 1575, Tapati earned ₹ 2,025. How much would Rupsa receive if Tapati received ₹ 1,890?

Options :

1. ✖ ₹ 1,505

2. ✔ ₹ 1,470

3. ✖ ₹ 1,410

4. ✖ ₹ 1,445

Question Number : 13 Question Id : 3026162913 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Arjun alone takes 30 days to complete a task. Karan alone takes 45 days to complete the same task. The total wages for the entire task is ₹ 26,250. How much should Arjun be paid if he and Karan worked together for the entire duration of the task?

Options :

1. ✖ ₹ 12,750

2. ✔ ₹ 15,750

3. ✖ ₹ 10,500

4. ✖ ₹ 14,500

Question Number : 14 Question Id : 3026162914 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

15 people can build a wall in 12 days. 9 people, each only a fourth as efficient as those in the first group, will be able to complete $\frac{3}{8}$ of such a wall in:

Options :

1. ✖ 24 days

2. ✖ 25 days

3. ✖ 27 days

4. ✔ 30 days

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Question Number : 15 Question Id : 3026162915 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

A person driving at a speed of 45 km/h reaches office 5 minute early while she reaches 7 minutes late if driving at 27 km/h. What is the distance (in km) that she is covering?

Options :

1. ✖ 16.5

2. ✖ 18

3. ✔ 13.5

4. ✖ 15

Question Number : 16 Question Id : 3026162916 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The lengths of one side of a rhombus and one of the two diagonals are 14 cm each. The area of the rhombus is ___ cm^2.

Options :

1. ✖ 98

2. ✔ $98\sqrt{3}$

3. ✖ $49\sqrt{3}$

4. ✖ $196\sqrt{3}$

Question Number : 17 Question Id : 3026162917 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

If 1 February 2016 was a Monday, what day was 1 February 2015?

Options :

1. ✖ Saturday

2. ✔ Sunday

3. ✖ Tuesday

4. ✖ Wednesday

Question Number : 18 Question Id : 3026162918 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

A cylindrical tank has a capacity of 20790 m^3 .Find the depth if the radius is 10.5 m?

Options :

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1. ✖ 120m

2. ✖ 75m

3. ✔ 60 m

4. ✖ 30m

Question Number : 19 Question Id : 3026162919 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Mariana's age is 3 years less than four times the age of Sundar, who in turn is only a year older than half the age of Tara. Shefali is 5 years older than Tara and 4 years younger than Mariana. What is the sum of all their ages?

Options :

1. ✖ 40 years

2. ✖ 41 years

3. ✔ 43 years

4. ✖ 45 years

Question Number : 20 Question Id : 3026162920 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Sumitra's age is four years less than three times the age of Suhana, who in turn is only two years older than half the age of Isha. Rupak is seven years older than Isha and six years younger than Sumitra. What is the sum of their ages?

Options :

1. ✖ 96 years

2. ✖ 97 years

3. ✔ 99 years

4. ✖ 102 years

Question Number : 21 Question Id : 3026162921 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

A vertical pole, 45 m long, casts a shadow 15 m long on the ground. At the same time, a vertical building casts a shadow 60 m long on the ground. What is the height of the building?

Options :

1. ✖ 60 m

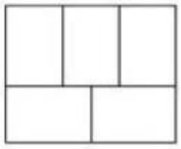
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2. ✖ 120 m

3. ✖ 150 m

4. ✔ 180 m

Question Number : 22 Question Id : 3026162922 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical



The rectangle above consists of five congruent rectangles, the longer side of each being x m. If the total area of the figure is $7500\ m^2$, what will be the value of x ?

Options :

1. ✖ $10\sqrt{15}$

2. ✔ $15\sqrt{10}$

3. ✖ $10\sqrt{10}$

4. ✖ $\frac{10\sqrt{15}}{3}$

Question Number : 23 Question Id : 3026162923 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

A semi-circular region has a diameter of 14 m. What is the perimeter of the region?

Options :

1. ✖ 44 m

2. ✔ 36 m

3. ✖ 22 m

4. ✖ 58 m

Question Number : 24 Question Id : 3026162924 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Average of runs scored by a batsman in five matches is 125. Average of runs scored by him in the first two matches is 150. Average of runs scored by him in the last two matches is 110. How many runs did the batsman score in the third match?

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Options :

1. ✖ 115 runs

2. ✔ 105 runs

3. ✖ 125 runs

4. ✖ 95 runs

Question Number : 25 Question Id : 3026162925 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The height of an equilateral triangle is equal to the diagonal of a square. The ratio of the areas of the triangle and the square is

Options :

1. ✖ 3 : 4

2. ✖ $\sqrt{3}$: 2

3. ✔ 2 : $\sqrt{3}$

4. ✖ $\sqrt{3}$:$\sqrt{2}$

Question Number : 26 Question Id : 3026162926 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Break is related to Seal in the same way as Talk is related to:

Options :

1. ✖ Calm

2. ✖ Peace

3. ✔ Silent

4. ✖ Grumble

Question Number : 27 Question Id : 3026162927 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

V is the daughter of K and M. M is the son of H. V is the _____ of H.

Options :

1. ✖ niece

2. ✖ cousin

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3. ✖ grandfather

4. ✔ granddaughter

Question Number : 28 Question Id : 3026162928 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

In a certain code, ENOUGH is written as ONEHGU. How will EXCESS be written in that code?

Options :

1. ✖ CXEESE

2. ✔ CXESSE

3. ✖ CXSESE

4. ✖ ESEXCS

Question Number : 29 Question Id : 3026162929 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

In a code language, RURAL is written as VYVEP. How can REMOTE be written in that code?

Options :

1. ✔ VIQSXI

2. ✖ VISQXI

3. ✖ VIQXSI

4. ✖ VIQXIS

Question Number : 30 Question Id : 3026162930 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 information carefully and answer the question that follows.

Nidhi received her Master's degree from ABC University; she wants to continue her further career in the Management stream.

The following are the conditions for admitting students for a Programme in Management.

The applicant must:

(i) not be less than 24 years of age as on 1.12.2016.
(ii) be a post-graduate in any discipline with at least 55% marks.
(iii) have passed the written test with at least 60% marks.
(iv) have a work experience of at least 6 months after completing post-graduation.

In the case of an applicant who fulfils all other conditions EXCEPT:
(a) as given above, but has completed M.Tech degree, his/her case is to be referred to the Director.
(b) as given above, but has a work experience of more than 2 years, his/her case is to be referred to the Registrar.

Nidhi was born on 05.03.1986. She has secured 85% marks in the written test and 55% marks in post-graduation. She has been working for the past 1 year.

Select the most appropriate option that is to be done in her case.

Options :

1. The case is to be referred to the Registrar.

2. The case is to be referred to the Director.

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3. ✔ The applicant is to be admitted.

4. ✖ The information is inadequate to take a decision.

Question Number : 31 Question Id : 3026162931 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

If C = 24, EYE = 46, then what is FOX =_____?

Options :

1. ✖ 35

2. ✔ 36

3. ✖ 38

4. ✖ 40

Question Number : 32 Question Id : 3026162932 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Given is a question followed by two arguments numbered I and II. Read the question and decide which of the arguments is/are strong with respect to the question.

Question:

Does WhatsApp and Facebook usage have an impact on work production?

Arguments :

I. Yes, they are biggest diversions while working as one becomes curious to check the latest notification.

II. No, they are important tools to get the latest updates.

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 : 3026162933 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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

Statement:

"My kids Neela and Leela enjoyed at the water park" said Prema to her friend.

Conclusions:

I. Neela and Leela are prema's children.
II. Prema took them to a water park.

Options :

1. ✖ Conclusion I alone follows.

2. ✖ Conclusion II alone follows.

3. ✔ Both the conclusions follow.

4. ✖ Neither I nor II follows.

Question Number : 34 Question Id : 3026162934 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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

Statement:

Should the paper industry be banned?

Arguments:

I) Yes, it will save trees

II) No, sudden implementation of ban will cause problem in all regular paper usage fields like education, print media, official proceedings, etc.

Options :

1. ✖ Only I is strong

2. ✔ Only II is strong

3. ✖ Neither I nor II is strong

4. ✖ Either I or II is strong

Question Number : 35 Question Id : 3026162935 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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

Statement:

An interviewer, after reading the resume, directly starts asking advance level questions to the candidate.

Assumptions:

I. The candidate is well-versed with the basics of the subject

II. The interviewer expects the candidate to have advanced knowledge of the subject

Options :

1. ✖ Only I is implicit

2. ✔ Only II is implicit

3. ✖ Both I and II are implicit

4. ✖ Neither I nor II is implicit

Question Number : 36 Question Id : 3026162936 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Find the letter cluster in the below series that will come in the place of question mark.

HO, LS, PW, TA, _____?

Options :

1. ✖ XR

2. ✖ XV

3. ✔ XE

4. ✖ EG

Question Number : 37 Question Id : 3026162937 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Find the next term in this series?

B2,G12,L72,_____?

Options :

1. ✖ Q434

2. ✔ Q432

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3. ✖ R432

4. ✖ R434

Question Number : 38 Question Id : 3026162938 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

If '>' stands for '−', '−' stands for '+' and '+' stands for '×', then what will the value of $((5+2)-3)+4$?

Options :

1. ✖ 30

2. ✔ 52

3. ✖ 210

4. ✖ 6

Question Number : 39 Question Id : 3026162939 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

In a certain language MAT is written as TAM and RENT is written as TNER. How is FEST written?

Options :

1. ✖ TESF

2. ✔ TSEF

3. ✖ FSET

4. ✖ FTES

Question Number : 40 Question Id : 3026162940 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:

There are 3 jars. What is the total weight they can hold?

Statements:

1. Jar 1 and Jar 2 hold equal capacity, which is half the capacity of Jar 3.
2. Jar 3 can hold 2 kg.

Options :

1. ✖ Statement 1 alone is sufficient.

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2. ✔ Statements 1 and 2 together are sufficient.

3. ✖ Statement 2 alone is sufficient.

4. ✖ Statements 1 and 2 together are insufficient.

Question Number : 41 Question Id : 3026162941 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

A resort offers special discounts on weekends. They maintain a log of customers who come over the weekend. This year on an average, they see an increase in their customer base by 15%. Last year they had information of 1,500 customers. How many customers have they had this year?

Options :

1. ✖ 1,700

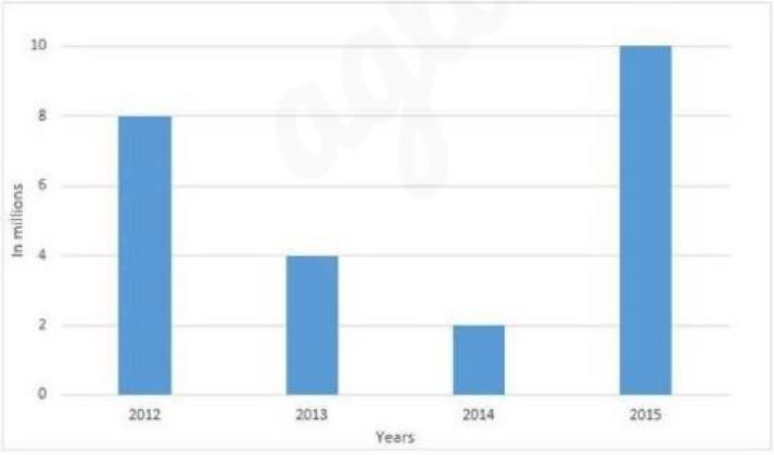
2. ✖ 1,650

3. ✔ 1,725

4. ✖ 1,825

Question Number : 42 Question Id : 3026162942 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The following chart shows the production of auto ancillary parts (in millions) in the past four years by XYZ company.



Total production of auto ancillary parts by XYZ in all the four years was_____.

Options :

1. ✔ 24 millions

2. ✖ 26 millions

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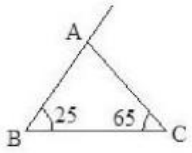
3. ✖ 32 millions

4. ✖ 28 millions

Question Number : 43 Question Id : 3026162943 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.

Find the angle ∠BAC, if:

1) 

2) $0 < A < 90^{\circ}$

Options :

1. ✔ Only 1 is sufficient

2. ✖ Only 2 is sufficient

3. ✖ Either 1 or 2 is sufficient

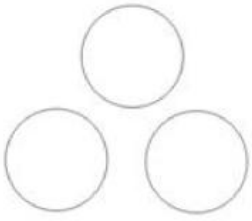
4. ✖ Neither 1 nor 2 is sufficient

Question Number : 44 Question Id : 3026162944 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

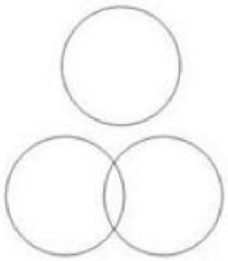
Which of the following diagrams correctly represents the relationship between the following classes.

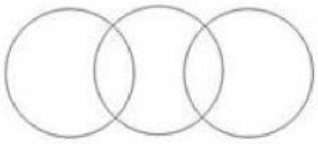
Birds, Mammals, Bats

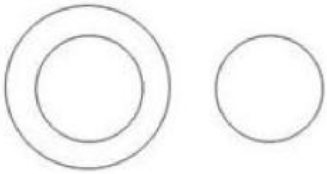
Options :

1. ✖ 

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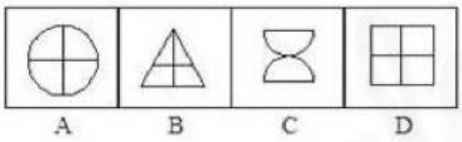
2. ✖ 

3. ✖ 

4. ✔ 

Question Number : 45 Question Id : 3026162945 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Choose the odd one out from among the given figures:



Options :

1. ✖ A

2. ✖ B

3. ✔ C

4. ✖ D

Question Number : 46 Question Id : 3026162946 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

In how many ways can the letters of the word 'SEEDING' be arranged so that the vowels are always together?

Options :

1. ✖ 340

2. ✖ 840

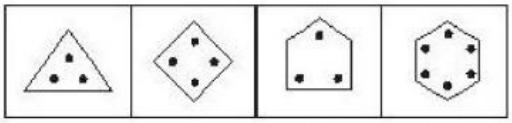
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3. ✔ 720

4. ✖ 560

Question Number : 47 Question Id : 3026162947 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Choose the figure that is different from the others.



Options :

1. ✖ 1

2. ✖ 2

3. ✔ 3

4. ✖ 4

Question Number : 48 Question Id : 3026162948 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Find the odd one out from among the given figures.



Options :

1. ✖ A

2. ✖ B

3. ✖ C

4. ✔ D

Question Number : 49 Question Id : 3026162949 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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Consider the following statement and decide which of the assumptions is implicit from the statement.

Statement:

One should avoid getting bitten by mosquitoes in the evening.

Assumptions:

1. Mosquitoes don't bite during the day.

2. Mosquitoes that bite in the evening could be potentially harmful.

Options :

1. ✔ Assumption 2 is implicit

2. ✖ Assumption 1 is implicit

3. ✖ Neither of the assumptions are implicit

4. ✖ Both the assumptions are implicit

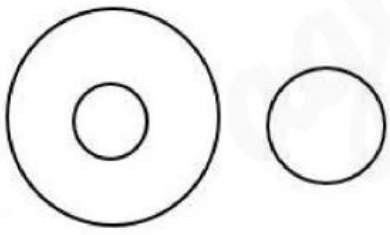
Question Number : 50 Question Id : 3026162950 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Choose the Venn diagram that correctly illustrates the relationship between the following three classes.

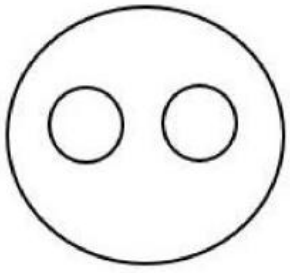
Birds, Fish, Chicken.

Options :

1. ✔

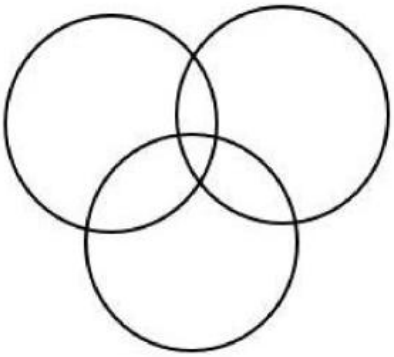


2. ✖

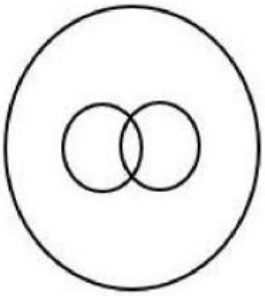


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3. ✖

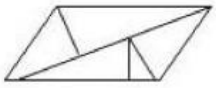


4. ✖



Question Number : 51 Question Id : 3026162951 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 :

1. ✖ 10

2. ✖ 7

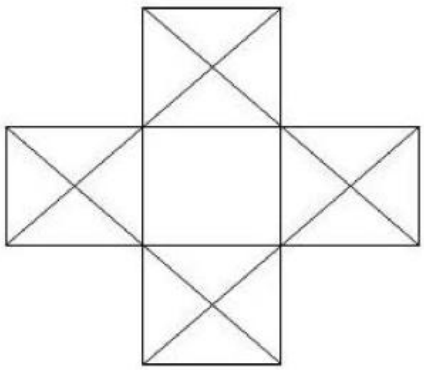
3. ✔ 8

4. ✖ 6

Question Number : 52 Question Id : 3026162952 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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How many right angled triangles are present in the below figure?



Options :

1. ✖ 15

2. ✔ 20

3. ✖ 16

4. ✖ 17

Question Number : 53 Question Id : 3026162953 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Srujana was walking in North-East direction. She walked for some distance and turned left exactly at 90°. In which direction was she walking then?

Options :

1. ✖ North-East

2. ✖ South-East

3. ✔ North-West

4. ✖ South-West

Question Number : 54 Question Id : 3026162954 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

After coming out of his house, Z crosses a road. On reaching the other side, he takes a left turn and walks straight. If he is now facing West, which direction was he facing before crossing the road?

Options :

1. ✖ East

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2. ✔ North

3. ✖ West

4. ✖ South

Question Number : 55 Question Id : 3026162955 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Choose the water image of the following image.



Options :

1. ✔ 

2. ✖ 

3. ✖ 

4. ✖ 

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Question Number : 56 Question Id : 3026162956 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

When a body is performing uniform circular motion, its _____ changes at every point.

Options :

1. ✖ pressure

2. ✖ inertia

3. ✔ velocity

4. ✖ mass

Question Number : 57 Question Id : 3026162957 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which of the given physical quantities is NOT a relative quantity?

Options :

1. ✖ Velocity

2. ✖ Acceleration

3. ✖ Distance

4. ✔ Time

Question Number : 58 Question Id : 3026162958 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

If an athlete takes 't' seconds to go once around a circular path of radius 'r', the velocity 'v' will be given by:

Options :

1. ✖ $2\pi r^2/t$

2. ✔ $2\pi r/t$

3. ✖ $2\pi r$

4. ✖ $\pi r/t$

Question Number : 59 Question Id : 3026162959 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which of the following has NO unit?

Options :

1. ✖ Momentum

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2. ✖ Force

3. ✖ Density

4. ✔ Relative density

Question Number : 60 Question Id : 3026162960 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

_____ is being used increasingly as a fuel in transport vehicles.

Options :

1. ✖ Carbon natural gas (CNG)

2. ✖ Central natural gas (CNG)

3. ✖ Common natural gas (CNG)

4. ✔ Compressed natural gas (CNG)

Question Number : 61 Question Id : 3026162961 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

A force of 50 N displaces an object through 10 m. The work done by the force will be ___.

Options :

1. ✖ 5 J

2. ✖ 10 J

3. ✖ 50 J

4. ✔ 500 J

Question Number : 62 Question Id : 3026162962 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

5.2 kwh = _____?

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

Options :

1. 14.0×10^6 J

2. 18.72×10^5 J

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3. 14.4×10^5 J

4. 14.4×10^8 J

Question Number : 63 Question Id : 3026162963 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

A human being cannot tolerate very loud sound. What is the level of loudness which a human being can tolerate?

Options :

1. ✖ 40 dB

2. ✔ 80 dB

3. ✖ 100 dB

4. ✖ 115 dB

Question Number : 64 Question Id : 3026162964 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

A source produces 20 crests and 20 troughs in 0.4 seconds. Find the frequency of the wave?

Options :

1. ✔ 50 Hz

2. ✖ 80 Hz

3. ✖ 10 Hz

4. ✖ 510 Hz

Question Number : 65 Question Id : 3026162965 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Pick the odd one out from the following:

Options :

1. ✖ Fiber glass

2. ✔ Copper

3. ✖ Glass

4. ✖ Diamond

Question Number : 66 Question Id : 3026162966 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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The resistance R of a conductor depends:

Options :

1. ✖ Directly on its breadth

2. ✔ Inversely on its area of cross-section

3. ✖ Directly on its voltage

4. ✖ Inversely on its electrostatic potential

Question Number : 67 Question Id : 3026162967 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Write the number of Neutrons, Protons and Electrons in $^{19}_{9}F$?

Options :

1. ✖ 9Protons, 9Electrons, 9Neutrons

2. ✔ 9Protons,9Electrons,10Neutrons

3. ✖ 10Protons,10Electrons,9Neutrons

4. ✖ 10Protons,10Electrons,10Neutrons

Question Number : 68 Question Id : 3026162968 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Select the INCORRECT match.

Element : Valency

Options :

1. ✖ Hydrogen :1

2. ✖ Helium : 0

3. ✖ Carbon : 4

4. ✔ Oxygen : 1

Question Number : 69 Question Id : 3026162969 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The percentage of nitrogen in NH_4NO_3 is:

Options :

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1. ✖ 25%

2. ✖ 30%

3. ✔ 35%

4. ✖ 40%

Question Number : 70 Question Id : 3026162970 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Tooth enamel, made of _____, is degraded by acid, causing tooth decay.

Options :

1. ✔ Calcium Phosphate

2. ✖ Sodium Chloride

3. ✖ Ammonium Sulphate

4. ✖ Potassium Nitrate

Question Number : 71 Question Id : 3026162971 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which of the below is not a correct match?

Options :

1. ✖ Tamarind: Tartaric Acid

2. ✔ Lemon : Oxalic Acid

3. ✖ Sour Milk: Lactic Acid

4. ✖ Ant sting: Methanoic Acid

Question Number : 72 Question Id : 3026162972 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Phosphorous combines with oxygen to form _____ types of oxides.

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

Options :

1. three

2. two

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3. One

4. four

Question Number : 73 Question Id : 3026162973 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Sodium and potassium are exceptional metals because:

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

Options :

1. they catch fire in air

2. they are liquid at room temperature

3. they can be cut with a knife.

4. their melting point is same.

Question Number : 74 Question Id : 3026162974 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

What is common between sodium, hydrogen and lithium?

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

Options :

1. These are halogens.

2. These are alkali metals.

3. These are alkaline earth metals.

4. These are chalcogens.

Question Number : 75 Question Id : 3026162975 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which of the following metals most readily forms positively charged ions?

Options :

1. ✖ Calcium

2. ✖ Magnesium

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3. ✔ Sodium

4. ✖ Zinc

Question Number : 76 Question Id : 3026162976 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The 'Water-Vascular' system is found in:

Options :

1. ✖ sea-anemone

2. ✖ sea-pen

3. ✔ sea-cucumber

4. ✖ sea-horse

Question Number : 77 Question Id : 3026162977 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

_____ is a connective tissue.

Options :

1. ✖ Sclerenchyma

2. ✖ Parenchyma

3. ✔ Blood

4. ✖ Collenchyma

Question Number : 78 Question Id : 3026162978 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

In human beings, which of the following functions is performed by nephrons?

Options :

1. ✖ Transportation

2. ✔ Excretion

3. ✖ Respiration

4. ✖ Nutrition

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Question Number : 79 Question Id : 3026162979 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

In tissue culture, the cells are placed in an artificial medium where they divide rapidly to form a small group of cells called _____ .

Options :

1. ✖ thallus

2. ✔ callus

3. ✖ bud

4. ✖ plantlets

Question Number : 80 Question Id : 3026162980 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Unequal daughter cells are produced in _____.

Options :

1. ✖ fragmentation

2. ✖ sporulation

3. ✖ fission

4. ✔ budding

Question Number : 81 Question Id : 3026162981 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which country won the 2018 Blind Cricket World Cup at the Sharjah Cricket Stadium in UAE?

Options :

1. ✖ South Africa

2. ✖ Bangladesh

3. ✖ Pakistan

4. ✔ India

Question Number : 82 Question Id : 3026162982 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Under Khelo India scheme, how much financial assistance is provided by the government of India to the talented players?

Options :

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1. ✖ ₹ 50000 per annum

2. ✖ ₹ 100000 per annum

3. ✔ ₹ 500000 per annum

4. ✖ ₹ 1000000 per annum

Question Number : 83 Question Id : 3026162983 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Recently, Janardhan Singh Gehlot was elected as the president of which sports federation?

Options :

1. ✔ Kabaddi

2. ✖ Hockey

3. ✖ Cricket

4. ✖ Football

Question Number : 84 Question Id : 3026162984 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The prestigious Dronacharya awards were instituted by the government of India in which year?

Options :

1. ✖ 1995

2. ✖ 1965

3. ✖ 1975

4. ✔ 1985

Question Number : 85 Question Id : 3026162985 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which Indian Author is best known for writing stories based in and around the fictional village of Malgudi?

Options :

1. ✔ R K Narayan

2. ✖ R K Lakshman

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3. ✖ Mulk Raj Anand

4. ✖ Rabindranath Tagore

Question Number : 86 Question Id : 3026162986 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The bull taming festival 'Jallikattu' is celebrated popularly in which Indian state?

Options :

1. ✔ Tamil Nadu

2. ✖ Kerala

3. ✖ Punjab

4. ✖ Madhya Pradesh

Question Number : 87 Question Id : 3026162987 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Who has won the Best actress award in the 90^{th} Academy awards, 2018?

Options :

1. ✔ Frances McDormand

2. ✖ Angelina Jolie

3. ✖ Allison Janney

4. ✖ Sally Hawkins

Question Number : 88 Question Id : 3026162988 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Who is popularly known as *The Mozart of Madras?*

Options :

1. ✖ Ilaiyaraaja

2. ✖ Anirudh Ravichander

3. ✔ A. R. Rahman

4. ✖ Bharathwaj

Question Number : 89 Question Id : 3026162989 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Whom did President Ram Nath Kovind appoint as the new Chief Election Commissioner in January 2018?

Options :

1. ✖ Nasim Zaidi

2. ✖ Achal Kumar Joti

3. ✔ Om Prakash Rawat

4. ✖ H S Brahma

Question Number : 90 Question Id : 3026162990 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Recently in March 2018, President of India visited which of the following countries?

Options :

1. ✖ Pakistan

2. ✖ Iran

3. ✖ Nepal

4. ✔ Mauritius

Question Number : 91 Question Id : 3026162991 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Prime Minister Narendra Modi and French President Emmanuel Macron recently inaugurated a giant solar power project in Mirzapur. Under which state does this project fall?

Options :

1. ✖ Gujarat

2. ✔ Uttar Pradesh

3. ✖ Madhya Pradesh

4. ✖ Odisha

Question Number : 92 Question Id : 3026162992 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which country will be hosting the 2018 Bay of Bengal Initiative for Multi-Sectoral Technical and Economic Cooperation (BIMSTEC) summit?

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Options :

1. ✖ India

2. ✔ Nepal

3. ✖ Myanmar

4. ✖ Bangladesh

Question Number : 93 Question Id : 3026162993 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

India was instrumental in opening the world's largest visa centre in another country. Name the country.

Options :

1. ✖ Nepal

2. ✖ China

3. ✔ Bangladesh

4. ✖ Bhutan

Question Number : 94 Question Id : 3026162994 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

_____ was born in 560 BC and died at the age of eighty in 480 BC.

Options :

1. ✖ Ashoka

2. ✖ Mahavira

3. ✔ Buddha

4. ✖ Harsha

Question Number : 95 Question Id : 3026162995 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The first railway line from _____ opened for traffic in 1853.

Options :

1. ✖ Nagpur to Pune

2. ✔ Bombay to Thane

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3. ✖ Bombay to Pune

4. ✖ Pune to Thane

Question Number : 96 Question Id : 3026162996 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which sea is located to the west of India?

Options :

1. ✖ Red

2. ✔ Arabian

3. ✖ Black

4. ✖ Bay of Bengal



