

Question Paper Preview

Notations :

- Options shown in green color and with ✓ icon are correct.
- Options shown in red color and with ✗ icon are incorrect.

Question Paper Name:	RRB Level 1 26th Sept 2018 Shift I
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 : 678913901 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Find the HCF of $6xy^2z$, $8x^2y^3z^2$, $12x^3y^3z^3$

Options :

- ✓ $2xy^2z$
- ✗ $4xy^2z$
- ✗ $3xy^2z$
- ✗ $2xyz$

Question Number : 2 Question Id : 678913902 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

$$0.36 + 0.284 \div 0.4 \times 0.8 - 0.038 = ?$$

Options :

1. ✓ 0.89
2. ✗ 1.25
3. ✗ 1.2
4. ✗ 0.548

Question Number : 3 Question Id : 678913903 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Convert the fraction $\frac{4}{12}$ into its simple form:

Options :

1. ✗ $\frac{1}{25}$
2. ✓ $\frac{1}{27}$
3. ✗ $\frac{1}{26}$
4. ✗ $\frac{1}{29}$

Question Number : 4 Question Id : 678913904 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

$$\{40 - (90 \div 5 \times 16 - 8 \div 2 \div 3)\} = ?$$

Options :

1. ✗ 64
2. ✓ 16
3. ✗ 28
4. ✗ 14

Question Number : 5 Question Id : 678913905 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Arpan, Tanvi and Rishav shared a cake. Arpan had $\frac{1}{12}$ of it, Rishav had $\frac{3}{4}$ of it and Tanvi had the rest. What was Tanvi's share of the cake?

Options :

1. ✖ $\frac{4}{7}$
2. ✔ $\frac{1}{6}$
3. ✖ $\frac{1}{12}$
4. ✖ $\frac{2}{6}$

Question Number : 6 Question Id : 678913906 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

If the number x4584 is divisible by 11, what is the face value of x?

Options :

1. ✖ 5
2. ✖ 4
3. ✔ 3
4. ✖ 2

Question Number : 7 Question Id : 678913907 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

$75 \div [35 - \{63 - (79 - 54 \div 9 \times 6)\}] = ?$

Options :

1. ✖ 3
2. ✔ 5
3. ✖ 15
4. ✖ 25

Question Number : 8 Question Id : 678913908 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

$\frac{3-0.2}{0.1 \times (3+0.2)} = ?$

Options :

1. ✖ 87.5
2. ✔ 8.75
3. ✖ 0.875
4. ✖ 0.0875

Question Number : 9 Question Id : 678913909 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The ratio of 30 min to 40 min is written as:

Options :

1. ✖ 1 : 80
2. ✖ 1 : 20
3. ✔ 3 : 4
4. ✖ 4 : 3

Question Number : 10 Question Id : 678913910 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

In a test, Paranjay secured 272 marks that was also equivalent to obtaining 64% marks. How many marks was the test out of?

Options :

1. ✖ 440
2. ✔ 425
3. ✖ 450
4. ✖ 475

Question Number : 11 Question Id : 678913911 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

A line segment of length 2.05 m was measured as 2 m by mistake. Find the error percent.

Options :

1. ✔ $\frac{100}{41}\%$
2. ✖ $\frac{100}{51}\%$

3. ✖ 42%

4. ✖ 41%

Question Number : 12 Question Id : 678913912 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

If ₹ 6,000 is invested at the rate of 20 % per annum, compounded half-yearly, then the amount after 18 months will be:

Options :

1. ✖ ₹ 7,896

2. ✖ ₹ 7,800

3. ✔ ₹ 7,986

4. ✖ ₹ 7,928

Question Number : 13 Question Id : 678913913 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Brij can paint a wall alone in 7.2 days while Madhu would need 10.8 days to do the same job. If they work together how many days will they take to paint five-sixth of the wall?

Options :

1. ✖ 4.8

2. ✔ 3.6

3. ✖ 3.9

4. ✖ 4.2

Question Number : 14 Question Id : 678913914 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

24 experts can do as much work as 40 trainees in a given period of time. A piece of work can be done by 9 experts and 25 trainees. How many trainees alongside 12 experts would one need to complete a similar work in the same duration of time?

Options :

1. ✖ 18

2. ✔ 20

3. ✖ 22

4. ✖ 24

Question Number : 15 Question Id : 678913915 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Bishan cycled a distance of 120 km at a certain speed. If he cycled 3 km slower every hour, he would have taken 2 more hours to reach his destination. What is the speed in km/hr at which Bishan actually cycled?

Options :

1. ✖ 8

2. ✖ 12

3. ✖ 10

4. ✔ 15

Question Number : 16 Question Id : 678913916 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

29th of November 2018 is a Thursday. 29th of November 2021 will be a _____.

Options :

1. ✖ Friday

2. ✖ Saturday

3. ✖ Sunday

4. ✔ Monday

Question Number : 17 Question Id : 678913917 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

S is younger than R by 7 years. If their ages are in the respective ratio of 7 : 9, how old is S?

Options :

1. ✖ 16 years

2. ✖ 18 years

3. ✖ 28 years

4. ✔ 24.5 years

Question Number : 18 Question Id : 678913918 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

One pipe can fill an empty cistern in $\frac{7}{4}$ hours while another can drain the cistern when full in $\frac{21}{8}$ hours. Both the pipes were turned on when the cistern was two-thirds empty. How long will it take for the cistern to be full?

Options :

1. ✖ 3 hours 15 minutes
2. ✖ 3 hours 20 minutes
3. ✔ 3 hours 30 minutes
4. ✖ 3 hours 45 minutes

Question Number : 19 Question Id : 678913919 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

The measurement of a brick is 20 cm by 12 cm by 8 cm. How many such bricks will be required to construct a wall 16.8 m height, 2.5 m wide and 12 cm thick?

Options :

1. ✔ 2625
2. ✖ 2652
3. ✖ 6252
4. ✖ 5262

Question Number : 20 Question Id : 678913920 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

The sum of the lengths of the edges of a cube is equal to one eighth of the perimeter of a square. If the numerical value of the volume of the cube is equal to the numerical value of the area of the square, then the length of one edge of the cube is:

Options :

1. ✖ 336 units
2. ✖ 432 units
3. ✔ 576 units
4. ✖ 288 units

Question Number : 21 Question Id : 678913921 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Select the most appropriate option to solve the given equation.

$$\frac{\cot 30^\circ}{1 + \sin 45^\circ} + \frac{1 + \sin 45^\circ}{\cot 30^\circ} = ?$$

Options :

1. ☒ $\frac{14\sqrt{3}-5\sqrt{6}}{6}$

2. ☐ $\frac{6\sqrt{6}-5\sqrt{3}}{6}$

3. ☐ $\frac{5\sqrt{3}-6\sqrt{6}}{6}$

4. ☐ $3 - 2\sqrt{3}$

Question Number : 22 Question Id : 678913922 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

For the data given below, find the LCM of mode, median and mean.

7, 2, 10, 4, 3, 12, 8, 4, 6, 4.

Options :

1. ☐ 30

2. ☐ 12

3. ☒ 60

4. ☐ 20

Question Number : 23 Question Id : 678913923 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

If $\cot^4 \theta + \cot^2 \theta = 2.2$, then $\operatorname{cosec}^4 \theta - \operatorname{cosec}^2 \theta = ?$

Options :

1. ☐ 0

2. ☐ 1.1

3. ☒ 2.2

4. ☐ 3.3

Question Number : 24 Question Id : 678913924 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

A group of five students took a test. Another student joins the group after taking the test later. With her marks included, the average score of the group went up by 2. This student has got _____ marks more than the average marks without her being included.

Options :

1. ✖ 14

2. ✔ 12

3. ✖ 15

4. ✖ 18

Question Number : 25 Question Id : 678913925 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

The length of one side of a rhombus is 37 cm and its area is 840 cm^2 . What is the sum of the lengths of its diagonals?

Options :

1. ✖ 84 cm

2. ✖ 47 cm

3. ✔ 94 cm

4. ✖ 42 cm

Question Number : 26 Question Id : 678913926 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Rod is to metal in the same way flute is to:

Options :

1. ✖ player

2. ✖ hole

3. ✖ sound

4. ✔ bamboo

Question Number : 27 Question Id : 678913927 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Vimal is the son of Mikka, and Nina is the daughter of Milan. Milan is the sister of Mikka. Who is Milan to Vimal?

Options :

1. ✔ Paternal aunt

2. ✖ Maternal aunt

3. ✖ Cousin

4. ✖ Sister

Question Number : 28 Question Id : 678913928 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Read the statement below followed by two conclusions.

Statement:

All cables are chairs. No chair is pen.

Conclusions:

1. No cable is pen
2. All chairs are cables

Which of the conclusion/conclusions follows/follow from the above statement?

Options :

1. ✔ Only conclusion 1 follows
2. ✖ Only conclusion 2 follows
3. ✖ Either conclusion 1 or 2 follows
4. ✖ Both conclusions follow

Question Number : 29 Question Id : 678913929 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

In a code language, TEMPLE is written as 053625. What is the code for PRAY?

Options :

1. ✖ 6816
2. ✖ 6915
3. ✖ 6814
4. ✔ 6815

Question Number : 30 Question Id : 678913930 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

In a code language, EARN is written as 4073. What is the code for LIGHT?

Options :

1. ✓ 18679
2. ✗ 18670
3. ✗ 18671
4. ✗ 19679

Question Number : 31 Question Id : 678913931 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

If TAM is written as 20113, then what is the code for GRIND?

Options :

1. ✓ 7189144
2. ✗ 6189144
3. ✗ 7199144
4. ✗ 7189154

Question Number : 32 Question Id : 678913932 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

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

Statement:

Driving involves lot of alertness

Conclusions:

- I. Lazy people don't drive.
- II. We can avert accidents by being alert.

Options :

1. ✗ Conclusion I alone follows
2. ✓ Conclusion II alone follows
3. ✗ Neither I nor II follows

4. ✖ Both the conclusions follow

Question Number : 33 Question Id : 678913933 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 assumption(s) is/are implicit in the statement.

Statement:

School management announces strict action against students who do not report to class on time.

Assumptions:

- I. They wish to maintain schools reputation.
- II. They wish to inculcate the habit of punctuality to students.

Options :

- 1. ✖ Only I is implicit.
- 2. ✖ Only II is implicit.
- 3. ✖ Neither I nor II is implicit.
- 4. ✔ Both I and II are implicit.

Question Number : 34 Question Id : 678913934 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 : 35 Question Id : 678913935 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 every house use solar power to cater to lesser needs of electricity?

Arguments:

- I. Yes, it will hugely save the resources and environmental friendly.
- II. No, the panels are costly and without subsidy all households cannot afford.

Options :

- 1. ✖ Both I and II are strong.
- 2. ✖ Only argument II is strong.
- 3. ✖ Neither I nor II is strong.
- 4. ✔ Only argument I is strong.

Question Number : 36 Question Id : 678913936 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Find the next term in the given series.

1200, 600, 300, _____.

Options :

- 1. ✖ 75
- 2. ✖ 250
- 3. ✔ 150
- 4. ✖ 500

Question Number : 37 Question Id : 678913937 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Find the next term in the below series.

26, 29, 33, 38, _____.

Options :

- 1. ✖ 42

2. ✓ 44

3. ✗ 50

4. ✗ 54

Question Number : 38 Question Id : 678913938 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

What is the next term in the given series?

24X, 22V, 20T, _____

Options :

1. ✗ R18

2. ✓ 18R

3. ✗ P16

4. ✗ 16P

Question Number : 39 Question Id : 678913939 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Complete the number series by choosing the missing terms.

59967, 59964, 59961, 59958, ?.

Options :

1. ✗ 59956

2. ✓ 59955

3. ✗ 59954

4. ✗ 59957

Question Number : 40 Question Id : 678913940 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

A bakery sells breads, cakes, puffs and whole grain biscuits. Every day, they use 9 kg of all-purpose flour to make the aforementioned items. If 20% of all-purpose flour is used for making cakes, what is the actual quantity (in grams) of all-purpose flour used for making cakes?

Options :

1. ✓ 1800

2. ✖ 1000

3. ✖ 2000

4. ✖ 1500

Question Number : 41 Question Id : 678913941 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Below is the table showing XYZ company's turnover (in crore rupees) and profit in percentage.

Year	Turnover
2012	10
2013	15
2014	10
2015	12
2016	12

What is the percentage change in turn over between years 2012 and 2016?

Options :

1. ✖ 5% higher

2. ✖ 0.2% higher

3. ✖ 12% higher

4. ✔ 20% higher

Question Number : 42 Question Id : 678913942 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

The sales figures of a particular brand of sugar in 3 states over 3 years are given in the below table. The figures are in lakhs of rupees.

	State1	State2	State3
Year1	15	12	9
Year2	12	14	8
Year3	14	15	13

What is the percentage difference in sales from year 1 to year 3?

Options :

1. ☒ 16.67%
2. ☐ 15.67%
3. ☐ 19.67%
4. ☐ 18%

Question Number : 43 Question Id : 678913943 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

A grocery shop procures 600 bottles of packaged juice from two different vendors. 20% of the lot is from Vendor-1 and 80% is from Vendor-2. The cost per bottle is ₹ 25. After reviewing the lot from Vendor-2, the grocer finds that 25% of the lot had just a day's shelf life. He decides to return the lot back. How much money will he get back from Vendor-2?

Options :

1. ☐ ₹ 3,750
2. ☐ ₹ 3,500
3. ☒ ₹ 3,000
4. ☐ ₹ 4,000

Question Number : 44 Question Id : 678913944 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Which of the option figures follows next?

Question Figures:

$\infty > \infty$	$\infty \infty > \infty$	$\infty \infty \infty > \infty$	?
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Option Figures.

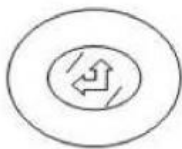
A	B	C	D
$\leq \infty < \infty$	$> \infty \infty \leq$	$\leq \infty > \infty$	$> \infty \infty \infty$

Options :

1. ✖ A
2. ✖ B
3. ✖ C
4. ✔ D

Question Number : 45 Question Id : 678913945 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Which of the options bears the closest resemblance to the following figure?



A	B	C	D

Options :

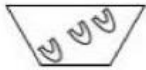
1. ✖ A
2. ✖ B
3. ✖ C

4. ✓ D

Question Number : 46 Question Id : 678913946 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:

A	B	C	D

Options :

1. ✗ A

2. ✗ B

3. ✗ C

4. ✓ D

Question Number : 47 Question Id : 678913947 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Find the odd one out from the below.

A	B	C	D
5E	O15	T21	25Y

Options :

1. ✗ A

2. ✗ B

3. ✗ D

4. ✓ C

Question Number : 48 Question Id : 678913948 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
X22	W23	A1	D4

Options :

1. ✓ A

2. ✗ B

3. ✗ C

4. ✗ D

Question Number : 49 Question Id : 678913949 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Select the option that can replace the question mark (?) in the following series.

			?
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	A		B
	C		D

Options :

1. ✗ A

2. ✖ B

3. ✔ C

4. ✖ D

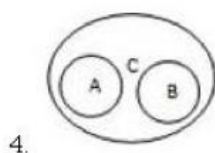
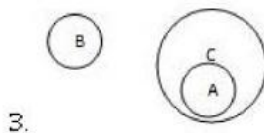
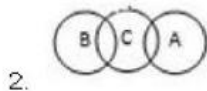
Question Number : 50 Question Id : 678913950 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Which of the following correctly represents the relationship between:

- A) Pages
- B) Preface
- C) Books

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

Options :



Question Number : 51 Question Id : 678913951 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Latika fills petrol in her car once in three days. This week if she puts petrol on a Wednesday, on which of the following days will she fill petrol in the following week?

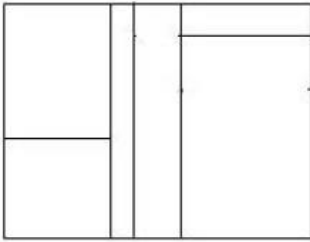
Options :

- 1. ✔ Tuesday and Friday
- 2. ✖ Sunday and Saturday
- 3. ✖ Monday and Friday

4. ✖ Tuesday and Saturday

Question Number : 52 Question Id : 678913952 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

How many rectangles are there in the following picture?



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

Options :

1. 15
2. 13
3. 11
4. 10

Question Number : 53 Question Id : 678913953 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Viki cycles 2 km towards West and then turns right and cycles 1 km. In which direction is he with respect to his initial position?

Options :

1. ✖ North-East
2. ✔ North-West
3. ✖ South-East
4. ✖ South-West

Question Number : 54 Question Id : 678913954 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Pallavi's house faces East. On entering her home, you will find a gallery to the right-hand side and on moving 90° clockwise from the gallery there is a balcony. Which direction does the balcony face?

Options :

1. ☒ East
2. ☐ West
3. ☐ North
4. ☐ South

Question Number : 55 Question Id : 678913955 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

What is the horizontal mirror image of 'COUGH'?

COUGH	HOUGH	COUGH	HOUGH
A	B	C	D

Options :

1. ☐ A
2. ☐ B
3. ☒ C
4. ☐ D

Question Number : 56 Question Id : 678913956 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Ram swims in a 72 m long pool. He covers 144 m in one minute by swimming from one end to the other and back along the same straight path. Find his average speed.

Options :

1. ☐ 2.60 ms⁻¹
2. ☒ 2.4 ms⁻¹
3. ☐ 2.04 ms⁻¹
4. ☐ 3.67 ms⁻¹

Question Number : 57 Question Id : 678913957 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Ram swims in a 95 m long pool. He covers 190 m in one minute by swimming from one end to the other and back along the same straight path. Find his average speed.

Options :

1. ✓ 3.17 ms^{-1}
2. ✗ 3.10 ms^{-1}
3. ✗ 2.05 ms^{-1}
4. ✗ 2.00 ms^{-1}

Question Number : 58 Question Id : 678913958 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

An object with a mass of 100 kg is accelerated uniformly from a velocity of 5 ms^{-1} to 17 ms^{-1} in 6 s. The magnitude of force exerted on the object is _____.

Options :

1. ✓ 200 N
2. ✗ 200 Pa
3. ✗ 200 ms^{-2}
4. ✗ 200 ms^{-1}

Question Number : 59 Question Id : 678913959 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

The mass of an object is 20 kg. What is the weight of that object on the Earth? [$g = 9.8 \text{ ms}^{-2}$]

Options :

1. ✓ 196 N
2. ✗ 19.6 N
3. ✗ -196 N
4. ✗ 1960 N

Question Number : 60 Question Id : 678913960 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Water stored in a dam possesses:

Options :

1. ✗ Kinetic energy

- 2. ✓ Potential energy
- 3. ✗ Gravitational energy
- 4. ✗ Electrical energy

Question Number : 61 Question Id : 678913961 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Work is done if there is _____.

Options :

- 1. ✗ friction
- 2. ✓ energy
- 3. ✗ force
- 4. ✗ power

Question Number : 62 Question Id : 678913962 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

During the free fall of an object, which of the following energy increases at any point in its path?

Options :

- 1. ✗ Potential energy
- 2. ✗ Chemical energy
- 3. ✓ Kinetic energy
- 4. ✗ Mechanical energy

Question Number : 63 Question Id : 678913963 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

The objects that produce their own light are called as:

Options :

- 1. ✗ Nonluminous objects
- 2. ✓ Luminous objects
- 3. ✗ Translucent objects

4. ✖ Transparent objects

Question Number : 64 Question Id : 678913964 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Sound travels fastest in which of the following mediums?

Options :

1. ✖ Vacuum

2. ✖ Gases

3. ✖ Liquids

4. ✔ Solids

Question Number : 65 Question Id : 678913965 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Ammeter reading decrease to _____ when the length of the wire is doubled.

Options :

1. ✖ one-fourth

2. ✔ one -half

3. ✖ three-fourth

4. ✖ one

Question Number : 66 Question Id : 678913966 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Trapped heat inside the Earth's surface is known as:

Options :

1. ✔ Geo-thermal energy

2. ✖ Nuclear energy

3. ✖ Fossil energy

4. ✖ Tidal energy

Question Number : 67 Question Id : 678913967 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

_____ element has three orbits with 8 electrons in the outer shell.

Options :

1. ✖ Ne
2. ✖ Kr
3. ✔ Ar
4. ✖ Xe

Question Number : 68 Question Id : 678913968 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

_____ is the most electropositive element.

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

Options :

1. Cl
2. Al
3. S
4. Mg

Question Number : 69 Question Id : 678913969 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

In 23.3 g of zinc, the number of moles is:

Options :

1. ✖ 0.37
2. ✖ 0.25
3. ✔ 0.35
4. ✖ 0.53

Question Number : 70 Question Id : 678913970 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

When the copper metal is dipped in the solution of zinc sulphate, then:

Options :

1. ✔ No reaction takes place

2. ✖ Copper sulphate is formed

3. ✖ Zinc oxide is formed

4. ✖ Water is formed

Question Number : 71 Question Id : 678913971 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Which of the following is an olfactory indicator?

Options :

1. ✖ Soap

2. ✖ Turmeric

3. ✔ Clove

4. ✖ Rose

Question Number : 72 Question Id : 678913972 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

The bleaching agent present in the bleaching powder is:

Options :

1. ✖ Iodine

2. ✖ Hydrogen

3. ✔ Chlorine

4. ✖ Bromine

Question Number : 73 Question Id : 678913973 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

_____ is used as a catalyst in the hydrogenation of vegetable oil.

Options :

1. ✖ Hydrogen

2. ✖ Helium

3. ✖ Lead

4. ✓ Nickel

Question Number : 74 Question Id : 678913974 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

_____ is a halogen.

Options :

1. ✗ Magnesium

2. ✗ Krypton

3. ✓ Chlorine

4. ✗ Sodium

Question Number : 75 Question Id : 678913975 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

In the modern periodic table, elements having atomic numbers 11 to 18 are placed in period:

Options :

1. ✓ 3

2. ✗ 2

3. ✗ 1

4. ✗ 4

Question Number : 76 Question Id : 678913976 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

_____ is a monocot plant.

Options :

1. ✓ Garlic

2. ✗ Carrot

3. ✗ Rose

4. ✗ Daisy

Question Number : 77 Question Id : 678913977 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

The cells of _____ tissue are differentiated to form different types of permanent tissues.

Options :

1. ✖ parenchyma
2. ✖ collenchymas
3. ✔ meristematic
4. ✖ sclerenchyma

Question Number : 78 Question Id : 678913978 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

The guard cells swell when _____ flows into them causing the stomatal pore to open.

Options :

1. ✖ hormone
2. ✔ water
3. ✖ enzyme
4. ✖ chemical

Question Number : 79 Question Id : 678913979 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

In sexual reproduction, the parents contributes:

Options :

1. ✖ All of its genes
2. ✖ One fourth of its genes
3. ✖ Three fourth of its genes
4. ✔ Half of its genes

Question Number : 80 Question Id : 678913980 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Which one of these is found in human males only?

Options :

1. ✖ X – chromosome
2. ✔ Y- chromosome

3. ✖ 2X chromosome

4. ✖ XX chromosome

Question Number : 81 Question Id : 678913981 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Who was the second Indian women footballer to win the Arjuna Award?

Options :

1. ✖ Aditi Chauhan

2. ✖ Mithali Raj

3. ✖ Bala Devi

4. ✔ Oinam Bembem Devi

Question Number : 82 Question Id : 678913982 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

In 2017, Indian men's and women's hockey teams both earned the top spot in which international tournament?

Options :

1. ✖ The Hockey World Cup

2. ✔ The Asia Cup

3. ✖ The Hockey Champions Trophy

4. ✖ The Commonwealth Games

Question Number : 83 Question Id : 678913983 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

As of 2018, who is the sports minister of India?

Options :

1. ✖ Amarendra Kumar Dube

2. ✔ Rajyavardhan Singh Rathore

3. ✖ Rahul Bhatnagar

4. ✖ Vijay Goel

Question Number : 84 Question Id : 678913984 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Who among the following bagged the Best Actor award at the 64th National Film Awards held in 2017?

Options :

1. ✖ Aamir Khan
2. ✖ Salman Khan
3. ✔ Akshay Kumar
4. ✖ Shahrukh Khan

Question Number : 85 Question Id : 678913985 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Which of the following channels won the award for the 'Best News Channel – Hindi' at the 17th Indian Television Academy Awards?

Options :

1. ✖ NDTV India
2. ✖ Zee News
3. ✖ ABP News
4. ✔ Aaj Tak

Question Number : 86 Question Id : 678913986 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

'The International Women's Day' is celebrated every year on:

Options :

1. ✖ July 8
2. ✖ December 9
3. ✔ March 8
4. ✖ May 9

Question Number : 87 Question Id : 678913987 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Name the Indian batswoman who secured 2nd position in the ICC One Day International Cricket rankings list released recently in 2017?

Options :

1. ✓ Mithali Raj
2. ✗ Harmanpreet Kaur
3. ✗ Veda Krishnamurthy
4. ✗ Mona Meshram

Question Number : 88 Question Id : 678913988 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Name the Chief Justice of India appointed in 2017?

Options :

1. ✗ Madan Lokur
2. ✗ Ranjan Gogoi
3. ✓ Dipak Misra
4. ✗ J.Chalameswar

Question Number : 89 Question Id : 678913989 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Who is the first chairman of the Goods and Services Tax (GST) Council?

Options :

1. ✗ Suresh Prabhu
2. ✓ Arun Jaitley
3. ✗ Rajnath Singh
4. ✗ Prakash Javadekar

Question Number : 90 Question Id : 678913990 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Who became youngest girl in the world to conquer Mount Everest and Mount Elbrus (highest peak Europe)?

Options :

1. ✓ Malavath Purna
2. ✗ Bachendri Pal

3. ✖ Arunima Sinha

4. ✖ Krushnaa Patil

Question Number : 91 Question Id : 678913991 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Which city had India's first helicopter-taxi service?

Options :

1. ✖ Chennai

2. ✔ Bengaluru

3. ✖ Delhi

4. ✖ Mumbai

Question Number : 92 Question Id : 678913992 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Who is the Chief Minister of Telangana as of March 2018?

Options :

1. ✔ K. Chandrashekar Rao

2. ✖ K. Taraka Rama Rao

3. ✖ N. Chandra Babu Naidu

4. ✖ K. Palani Swamy

Question Number : 93 Question Id : 678913993 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

As of August 2018, who is the union minister of Health and Family Welfare?

Options :

1. ✔ J. P. Nadda

2. ✖ Piyush Goyal

3. ✖ Arun Jaitley

4. ✖ Radha Mohan Singh

Question Number : 94 Question Id : 678913994 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

The name 'Bharata' is used as a designation for India in the Indian Constitution referencing the ancient mythological emperor, Bharata, whose story is told, in part, in the Indian epic _____.

Options :

1. ✖ the Geeta
2. ✔ the Mahabharata
3. ✖ the Upanishads
4. ✖ the Ramayana

Question Number : 95 Question Id : 678913995 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

In the medieval period, the Sharqi Kings built the Atala Mosque in _____.

Options :

1. ✖ Malwa
2. ✖ Gujarat
3. ✔ Jaunpur
4. ✖ Kashmir

Question Number : 96 Question Id : 678913996 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

The famous tourist attraction Victoria Memorial is in _____.

Options :

1. ✔ West Bengal
2. ✖ Arunachal Pradesh
3. ✖ Maharashtra
4. ✖ Gujarat

Question Number : 97 Question Id : 678913997 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Sunderbans is the home of the _____.

Options :

1. ❌ Bison
2. ❌ Tiger
3. ❌ Spotted Deer
4. ✅ Royal Bengal Tiger

Question Number : 98 Question Id : 678913998 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Black Revolution is related to production of _____

Options :

1. ❌ black roses
2. ✅ petroleum
3. ❌ coal
4. ❌ black grapes

Question Number : 99 Question Id : 678913999 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Which of the following project's objective is to ensure the operational turnaround of the banks and stressed companies?

Options :

1. ❌ Project Parivartan
2. ✅ Project Sashakt
3. ❌ Project Sukanya
4. ❌ Project Samridhi

Question Number : 100 Question Id : 6789131000 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Who among the following was appointed as a whole-time member of market regulator Securities and Exchange Board of India (SEBI) on 7 November 2017?

Options :

1. ❌ U.K. Sinha
2. ❌ Neelam Damodaran

3. ✖ V. Ramakrishnan

4. ✔ Sanjeev Kaushik

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