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Started on	Friday, 6 September 2019, 6:47 AM
State	Finished
Completed on	Friday, 6 September 2019, 6:48 AM
Time taken	11 secs
Grade	**0.00** out of 16.00 (**0**%)

Question 1

Not answered

Marked out of 1.00

1. Choose the correct option.

To fill a storage tank of wheat, 20 containers full of wheat are required.

How many containers of wheat will be required to fill the same tank if the capacity is reduced to two-fifth of their present capacity?

Select one:

- a. 30
- b. 25
- c. 50
- d. 60

The correct answer is: 50

Question 2

Not answered

Marked out of 1.00

10. Choose the correct option.

What is the difference between the LCM and HCF of numbers 20, 30 and 40?

Select one:

- a. 110
- b. 100
- c. 130
- d. 120

The correct answer is: 110

Question 3

Not answered

Marked out of 1.00

11. Choose the correct option. If $m^n = 2401$, then m/n =

Select one:

- a. 11/3
- b. 4/7
- c. 7/4
- d. 4/11

The correct answer is: 7/4

Question **4**

Not answered

Marked out of 1.00

12. Choose the correct option.

Among the given options, identify the one that does not lie in the range: 1/6 < x <17/12

Select one:

○ a. 20/13

○ b. 1/2

○ c. 13/11

○ d. 4/3

○ e. 2/7

The correct answer is: 20/13

Question **5**

Not answered

Marked out of 1.00

13. Choose the correct option.

Sara has 400 marbles. If she gives 1/5th of her marbles to Sam and Sam gives 3/4th of his marbles to David, then how many marbles does Sam have left?

Select one:

○ a. 20

○ b. 60

○ c. 200

○ d. 80

The correct answer is: 20

Question **6**

Not answered

Marked out of 1.00

14. Choose the correct option.

Three successive discounts of 6%, 10%, 15% are equal to a single discount of

Select one:

○ a. 28.90%

○ b. 25%

○ c. 31%

○ d. 30%

○ e. 28.09%

The correct answer is: 28.09%

Question 7

Not answered

Marked out of 1.00

15. Choose the correct option.

A chemical mixture requires 2 chemicals,A and B in proportion 3:2.The mixture is to be prepared in a tank of capacity 50 litres.

Pipe A can fill the tank with chemical A in 15 mins and pipe B can fill the tank with chemical B in 30 mins.

If both pipes are opened when the tank is empty,then for how long should the pipes A nd B run to obtain the mixture?(in mins)

Select one:

○ a. (9,9)

○ b. (12,12)

○ c. (10,10)

○ d. (12,9)

○ e. (9,12)

The correct answer is: (9,12)

Question 8

Not answered

Marked out of 1.00

16. Choose the correct option.

A can finish a job in 12 hours and B in 14 hours. A and B working alternatively, starting with A. If A earns Rs. 50 per hour, how much does A earn through this job?

Select one:

○ a. Rs. 350

○ b. Rs. 250

○ c. Rs. 300

○ d. Rs. 400

The correct answer is: Rs. 350

Question 9

Not answered

Marked out of 1.00

2. Choose the correct option.

HCF of two numbers is 11 and their LCM is 693. If one number is 77. Find the other number?

Select one or more:

☐ a. 9

☐ b. 63

☐ c. 99

☐ d. 7

Question 10

Not answered

Marked out of 1.00

3. Choose the correct option.

Which is the largest possible two digit number which divides 32472?

Select one:

○ a. 66

○ b. 88

○ c. 99

○ d. 44

The correct answer is: 99

Question **11**

Not answered

Marked out of 1.00

4. Choose the correct option.

A cistern can be filled by two pipes A and B in 10 and 15 hours respectively and then is emptied by the tank in 8 hrs. If all the taps are opened together the cistern will be fill in?

Select one:

○ a. 22 hrs

○ b. 24 hours

○ c. 21 hrs

○ d. 23 hrs

○ e. None of these

The correct answer is: None of these

Question **12**

Not answered

Marked out of 1.00

5. Choose the correct option.

An investment earns 4 paisa per rupee invested.

If at the end of the year, the interest earned by an investment is Rs. 100.

Then the investment is equal to:

Select one:

○ a. Rs. 4,000

○ b. Rs. 2,200

○ c. Rs. 2,000

○ d. Rs. 1,000

○ e. Rs. 2,500

The correct answer is: Rs. 2,500

Question **13**

Not answered

Marked out of 1.00

7. Choose the correct option.

Which of the following numbers is the smallest?

Select one:

○ a. 1/4

○ b. 1/6

○ c. 1/3

○ d. 1/12

The correct answer is: 1/12

Question **14**

Not answered

Marked out of 1.00

8. Choose the correct option.

When the price of a pair of shoes is decreased by 10%, the number of pairs sold increased by 20%, What is the net effect on sales?

Select one:

○ a. 10% decrease

○ b. 8% increase

○ c. 8% decrease

○ d. 10% increase

The correct answer is: 8% increase

Question **15**

Not answered

Marked out of 1.00

9. Choose the correct option.

A bank advertises that you can double the money by investing it with them for 8 years, what is the Interest rate offered by them?

Select one:

- ○ a. 10%
- ○ b. 14%
- ○ c. 8.50%
- ○ d. 12.50%

The correct answer is: 12.50%

Question **16**

Not answered

Marked out of 1.00

6. Choose the correct option. Simplify $[\{(1/8)^{-1}\}^{-4}]^{-1}$

Select one:

- ○ a. 4690
- ○ b. 4906
- ○ c. 4096
- ○ d. 4960

Your answer is incorrect.

The correct answer is: 4096

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