

Started on	Friday, 6 September 2019, 5:22 AM
State	Finished
Completed on	Friday, 6 September 2019, 5:38 AM
Time taken	16 mins 1 sec
Grade	4.00 out of 16.00 (25%)

Question **1**  
Incorrect  
Mark 0.00 out of 1.00

1. Sameer plants 7225 plants, so that there are as many rows as there are trees in a row. How many trees are there in a row?

Select one:

- ☐ a. 65
- ☐ b. 95
- ☐ c. 85
- ☒ d. 75 ✖

The correct answer is: 85

Question **2**  
Correct  
Mark 1.00 out of 1.00

105. Which number should be subtracted from 876905 so that it can be divisible by8?

Select one:

- ☐ a. 2
- ☐ b. 4
- ☐ c. 3
- ☒ d. 1 ✔

The correct answer is: 1

Question **3**  
Incorrect  
Mark 0.00 out of 1.00

101. If  $22n-1=(1/8n-3)$  then the value of n is:

Select one:

- ☐ a. -2
- ☐ b. 2
- ☒ c. 0 ✖
- ☐ d. 1
- ☐ e. 3

The correct answer is: 2

Question **4**

Correct

Mark 1.00 out of 1.00

103. The permutations and combinations of abcd taken 3 at a time are respectively:

Select one:

- ☐ a. 48, 8
- ☐ b. 36, 6
- ☐ c. 12, 2
- ☒ d. 24, 4 ✓

The correct answer is: 24, 4

Question **5**

Correct

Mark 1.00 out of 1.00

11. A group of women can finish a piece of work in 50 days. In how many days will one-third the number of women be able to finish two-third of the work?

Select one:

- ☐ a. 75days
- ☒ b. 100days ✓
- ☐ c. 50days
- ☐ d. 150days

The correct answer is: 100days

Question **6**

Correct

Mark 1.00 out of 1.00

102. In a non-leap year, what is the probability that the last day of the year starts with a 'T'?

Select one:

- ☒ a. 2/7 ✓
- ☐ b. 4/7
- ☐ c. 0
- ☐ d. 1

The correct answer is: 2/7

Question **7**

Incorrect

Mark 0.00 out of 1.00

10. In how many ways can the letters of the word 'CONSTANT' be arranged such that the word always starts with a vowel?

Select one:

- ☐ a. 2, 520
- ☐ b. 1, 440
- ☐ c. 5, 050
- ☒ d. 10, 080 ✗

The correct answer is: 2, 520

Question **8**

Not answered

Marked out of  
1.00

12. The number 2594\* is completely divisible by 6. The smallest value of \* can be:

Select one:

- ☐ a. 0
- ☐ b. 2
- ☐ c. 4
- ☐ d. 6

The correct answer is: 4

Question **9**

Not answered

Marked out of  
1.00

104. 47, 322 bulbs are to be packed in several boxes. Each box should contain equal numbers of bulbs and no bulb should be left unpacked. Number of boxes used can be.

Select one:

- ☐ a. 8
- ☐ b. 12
- ☐ c. 14
- ☐ d. 11

The correct answer is: 11

Question **10**

Not answered

Marked out of  
1.00

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

Select one:

- ☐ a. 200
- ☐ b. 20
- ☐ c. 60
- ☐ d. 80

The correct answer is: 20

Question **11**

Not answered

Marked out of  
1.00

15. A retailer sells two items at a price of 100 each. He sells one item at a loss of 20% and the other item at a profit of 20%. Find the net profit/loss percentage of the retailer.

Select one:

- ☐ a. 4%
- ☐ b. 52%
- ☐ c. 37.5%
- ☐ d. 0%

The correct answer is: 0%

Question **12**

Not answered

Marked out of  
1.00

14. Two students 'P' and 'Q' appear for an examination. 'P' scores 40% of the total marks and fails by 30 marks. However, 'Q' scores 60% of the total marks and scores 20 marks more than

Select one:

- ☐ a. 70
- ☐ b. 130
- ☐ c. 170
- ☐ d. 100

The correct answer is: 130

Question **13**

Not answered

Marked out of  
1.00

18. The number 98181\*6 is completely divisible by 9. Smallest whole digit number in place of \* can be:

Select one:

- ☐ a. 3
- ☐ b. 2
- ☐ c. 0
- ☐ d. 1

The correct answer is: 3

Question **14**

Not answered

Marked out of  
1.00

17. Among the following options, which one does not lie in the given range :  $\frac{1}{6} < X < \frac{17}{12}$

Select one:

- ☐ a.  $\frac{13}{11}$
- ☐ b.  $\frac{4}{3}$
- ☐ c.  $\frac{20}{13}$
- ☐ d.  $\frac{2}{7}$
- ☐ e.  $\frac{1}{2}$

The correct answer is:  $\frac{20}{13}$ Question **15**

Not answered

Marked out of  
1.00

19. A certain sum of money amounts to Rs. 2, 500 in a span of 5 years and further to Rs. 3,000 in a span of 7 years at simple interest. The sum is:

Select one:

- ☐ a. Rs. 1,000
- ☐ b. Rs. 1,050
- ☐ c. Rs. 1,200
- ☐ d. Rs. 1,250

The correct answer is: Rs. 1,250

Question **16**

Not answered

Marked out of 1.00

100. Simplify  $(144-3/2)-1/6$

Select one:

- ☐ a.  $3\sqrt{2}$
- ☐ b. 4
- ☐ c. 6
- ☐ d.  $2\sqrt{3}$

The correct answer is:  $2\sqrt{3}$

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