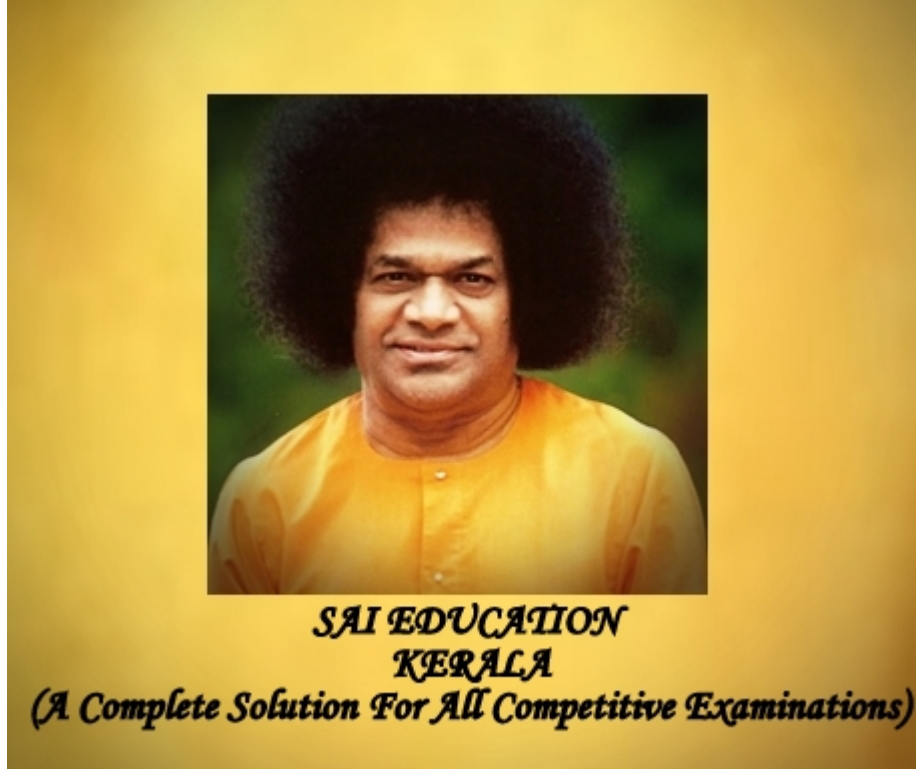


ONLINE COACHING DAY - 27 (10-04-19)- PERCENTAGE

Kerala University Assistant Special



Name of the Candidate *

M2

Please watch the online videos (Video No. 4 to 6)

<https://youtu.be/sCFufLPyD0U>

<https://youtu.be/LqIjhyw4uRI>

<https://youtu.be/gr4Q98cUIwQ>

1. A batsman scored 110 runs which included 3 boundaries and 8 sixes. What percent of his total score did he make by running between the wickets?

1 point

- 45 %
- 45 $\frac{5}{11}$ %
- 54 $\frac{6}{11}$ %
- 55 %

2. Two students appeared at an examination. One of them secured 9 marks more than the other and his marks was 56% of the sum of their marks. The marks obtained by them are:

1 point

- 39, 30
- 41, 32
- 42, 33
- 43, 34

3. A fruit seller had some apples. He sells 40% apples and still has 420 apples. Originally, he had:

1 point

- 588 apples
- 600 apples
- 672 apples
- 700 apples

4. What percentage of numbers from 1 to 70 have 1 or 9 in the unit's digit?

1 point

- 1
- 14
- 20
- 21

5. If $A = x\%$ of y and $B = y\%$ of x , then which of the following is true?

1 point

- A is smaller than B.
- A is greater than B
- If x is smaller than y , then A is greater than B .
- A is equal to B

6. If 20% of $a = b$, then $b\%$ of 20 is the same as:

1 point

- 4% of a
- 5% of a
- 20% of a
- None of these

7. In a certain school, 20% of students are below 8 years of age. The number of students above 8 years of age is $\frac{2}{3}$ of the number of students of 8 years of age which is 48 . What is the total number of students in the school?

1 point

- 80
- 120
- 150
- 100

8. Two numbers A and B are such that the sum of 5% of A and 4% of B is two-third of the sum of 6% of A and 8% of B . Find the ratio of $A : B$.

1 point

- $2 : 3$
- $1 : 1$
- $3 : 4$
- $4 : 3$

9. A student multiplied a number by $\frac{3}{5}$ instead of $\frac{5}{3}$. What is the percentage error in the calculation?

1 point

- 34%
- 44%
- 54%
- 64%

10. In an election between two candidates, one got 55% of the total valid votes, 20% of the votes were invalid. If the total number of votes was 7500, the number of valid votes that the other candidate got, was:

1 point

- 2700
- 2900
- 3000
- 3100

11. Three candidates contested an election and received 1136, 7636 and 11628 votes respectively. What percentage of the total votes did the winning candidate get?

1 point

- 57%
- 60%
- 65%
- 90%

12. Two tailors X and Y are paid a total of Rs. 550 per week by their employer. If X is paid 120 percent of the sum paid to Y, how much is Y paid per week? 1 point

- Rs. 200
- Rs. 250
- Rs. 300
- None of these

13. Gauri went to the stationers and bought things worth Rs. 25, out of which 30 paise went on sales tax on taxable purchases. If the tax rate was 6%, then what was the cost of the tax free items? 1 point

- Rs. 15
- Rs. 15.70
- Rs. 19.70
- Rs. 20

14. Rajeev buys good worth Rs. 6650. He gets a rebate of 6% on it. After getting the rebate, he pays sales tax @ 10%. Find the amount he will have to pay for the goods. 1 point

- Rs. 6876.10
- Rs. 6999.20
- Rs. 6654
- Rs. 7000

15. The population of a town increased from 1,75,000 to 2,62,500 in a decade. The average percent increase of population per year is:

1 point

- 4.37%
- 5%
- 6%
- 8.75%

16. Fresh fruit contains 68% water and dry fruit contains 20% water. How much dry fruit can be obtained from 100 kg of fresh fruits ?

1 point

- 20
- 30
- 40
- 50

17. 1100 boys and 700 girls are examined in a test; 42% of the boys and 30% of the girls pass. The percentage of the total who failed is :

1 point

- 58
- $62 \frac{2}{3}$
- 64
- 67

18. If the price of a book is first decreased by 25% and then increased by 20%, then the net change in the price will be :

1 point

- 10
- 20
- 30
- 40

19. Gaurav spends 30% of his monthly income on food articles, 40% of the remaining on conveyance and clothes and saves 50% of the remaining. If his monthly salary is Rs. 18,400, how much money does he save every month ?

1 point

3864

4903

5849

6789

20. 405 sweets were distributed equally among children in such a way that the number of sweets received by each child is 20% of the total number of children. How many sweets did each child receive ?

1 point

9

10

11

12

21. If 75% of a number is added to 75, then the result is the number itself. The number is :

1 point

100

200

300

400

22. If A's height is 40% less than that of B, how much percent B's height is more than that of A? 1 point

- 66.66%
- 76.66%
- 96.66%
- 86.66%

23. A's salary is 40% of B's salary which is 25% of C's salary. What percentage of C's salary is A's salary? 1 point


- 10
- 20
- 30
- 40

24. What percent of 7.2 kg is 18 gms? 1 point

- 0.25%
- 0.5%
- 0.75%
- 1%

25. A number is decreased by 10% and then increased by 10%. The number so obtained is 10 less than the original number. What was the original number? 1 point

- 1000
- 2000
- 3000
- 4000

Thank you!! 

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