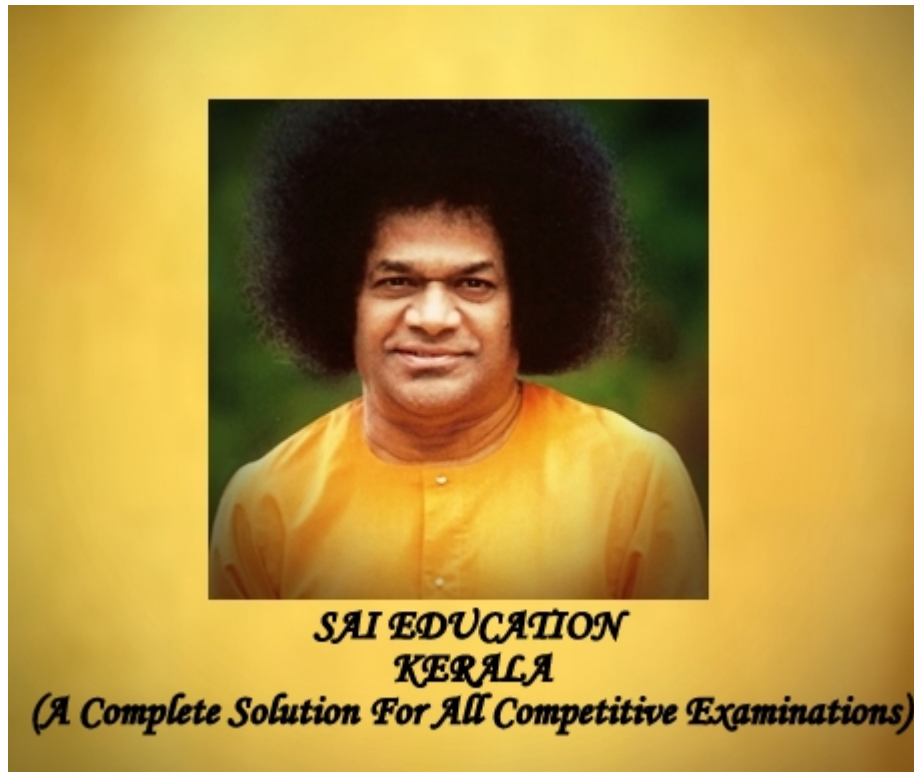


ONLINE COACHING DAY 23 (4-4-2019)

Percentage



Please watch the video and answer the following questions

<https://youtu.be/NWXb79oZ850>

<https://youtu.be/xHSoo6DPmJ0>

<https://youtu.be/eYWN-j5bl4U>

Name of the candidate *

M3

1. In a quarterly examination a student secured 30% marks and failed by 12 marks. In the same examination another student secured 40% marks and got 28 marks more than minimum marks to pass. The maximum marks in the examination is: 1 point

300

500

700

400

2. In an examination, 52% of the candidates failed in English and 42% failed in Mathematics. If 17% failed in both the subjects, then the percentage of candidates who passed in both the subjects, was: 1 point

23%

25%

21%

22%

3. If A has $\frac{4}{5}$ of the number of books that shelf B has. If 25% of the books A are transferred to B and then 25% of the books from B are transferred to A then the percentage of the total number of books that on shelf A is: 1 point

25%

50%

75%

100%

4. A number, on subtracting 15 from it, reduces to its 80%. What is 40% of the number? 1 point

- 75
- 60
- 30
- 90

5. One type of liquid contains 25% of milk, the other contains 30% of milk. A bottle is filled with 6 parts of the first liquid and 4 parts of the second liquid. Find the percentage of milk in the new mixture 1 point

- 25%
- 26%
- 27%
- 28%

6. Due to fall in man power, the production in a factory decreases by 25%. By what percent should the working hours be increased to restore the original production? 1 point

- 100/3%
- 25%
- 99/4%
- 27%

7. 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

8. In a certain school, 20% of students are below 8 years of age. The number of students above 8 years of age is 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

- 72
- 80
- 120
- 150
- 100

9. 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

10. 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%

11. 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

12. 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%
- $45 \frac{5}{11} \%$
- $54 \frac{6}{11} \%$
- 65%

13. 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

14. 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

15. 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%

16. 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

17. 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

18. 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

19. If 75% of a number is added to 75, then the result is the number itself. The number is 1 point

- 60
- 50
- 300
- 400

20. If a man spends 65% of his salary and saves Rs. 525 per month. His monthly salary is: 1 point

- 1000
- 1500
- 2000
- 2500

21. What is 30 % of 80? 1 point

- 22
- 23
- 24
- 25

22. In a class of 50 students, 40 % are girls. Find the number of girls and number of boys in the class?

1 point

- 30,20
- 40,10
- 10,40
- 25,25

23. Ron scored 344 marks out of 400 marks and his elder brother Ben scored 582 marks out of 600 marks. Who scored percentage is better?

1 point

- Ben
- Ron
- both
- none

24. In final exam of class IX there are 50 students 10 % students failed. How many students passed to class X?

1 point

- 55
- 45
- 40
- 50

25. Victor gets 92 % marks in examinations. If these are 460 marks, find the maximum marks. 1 point

450

500

550

600

Thankyou!!



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