

# ONLINE COACHING - DAY 29 (09/07/2021 - FRIDAY)

Total points 20/20 ?

Topic : Percentage

0 of 0 points



Name of the Candidate \*

M5

Place of the candidate \*

Thrissur



WHATS APP NUMBER (JOINED IN SAI EDUCATION ONLINE COACHING PLATFORM GROUP) \*

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Please watch the following videos and answer the following questions

20 of 20 points

<https://youtu.be/sCFuLPyD0U>

<https://youtu.be/LqIjhyw4uRI>

<https://youtu.be/gr4Q98cUIwQ>

<https://youtu.be/nXA6EvytRQk>

✓ 1. The salary of a person was reduced by 10%. By how much percentage should his reduced salary be raised so as bring it at par with his original salary? \*

1/1

11 (1/9)%



9 (1/9)%

11 (1/11)%

9 (1/11)



✓ 2. If Aravind Salary is 20% less than Rohan's salary. By howmuch percentage Rohan's salary more than Aravind salary? \* 1/1

- 30%
- 27%
- 25%
- 23%



✓ 3. In an election between 2 candidates one got 84% of the votes is elected by a majority of 476 votes. What is the total number of votes polled? \* 1/1

- 500
- 600
- 650
- 700



✓ 4. In an examination 35% of total students failed in Hindi, 45% failed in English and 20% in both. Find the percentage of those who passed in both subjects?. \* 1/1

- 55%



40%



65%

45%

✓ 5. David invests 40% in machinery, 25% in building, 15% in raw material, 1/1  
5% in furniture and now he has 1305 as cash. What was his total wealth? \*

7600

7800

7900

8700



✓ 6. A scored 30% marks and failed by 15 marks. B scored 40% marks and 1/1  
obtained 35 marks more than pass mark. Find the pass percentage? \*

30%

33%

35%

37%



✓ 7. Kumar spends 75% of his income .His income is increased by 20% and 1/1  
he increased his expenditure by 10%. Find the percentage increase in his  
savings? \*

65%

75%



75%

50%

40%



✓ 8. The 7.5 % of the 64 is what percentage of 32? \*

1/1

10%

20%

25%

15%



✓ 9. Express X% in decimal ? \*

1/1

X/10

0.X

0.0X

0.00X



✓ 10. 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: \*

1/1

39, 30

41, 32

42, 33



42, 33



43, 34

✓ 11. A fruit seller had some apples. He sells 40% apples and still has 420 apples. Originally he had? \*

1/1

588

600

672

700



✓ 12. What percentage of numbers from 1 to 70 have 1 or 9 in the unit's digit? \*

1/1

1

14

20

21



✓ 13. If 20% of  $a = b$ , then  $b\%$  of 20 is the same as? \*

1/1

4% of  $a$



5% of  $a$



- 20% of a
- None of these

✓ 14. Two numbers A and B are such that the sum of 5% of A and 4% of B is  $\frac{1}{3}$  two-third of the sum of 6% of A and 8% of B. Find the ratio of A : B. \*

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



✓ 15. A student multiplied a number by  $\frac{3}{5}$  instead of  $\frac{5}{3}$ . What is the percentage error in the calculation? \* 1/1

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



✓ 16. In an election between two candidates, one got 55% of the total valid 1/1 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: \*

- 2700



- 2900
- 3000
- 3100

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

1/1

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



✓ 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. \*

1/1

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



✓ 19. 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? \*

1/1

- 4.37%





- 5%
- 6%
- 8.75%



✓ 20. 50% of 40% of 30% of 500 is? \*

1/1

- 20
- 30
- 40
- 50



**AFTER SUBMITTING THE TEST, PLEASE CHECK YOUR PROVIDED EMAIL TO VIEW YOUR SCORE AND RESPONSE SHEET. THANK YOU!!!**

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