

# 108 DAYS ONLINE COACHING -DAY-37, WEDNESDAY, 25/03/2020

PERCENTAGE



NAME OF THE CANDIDATE \*

M2

PLACE OF THE CANDIDATE \*

Kannur

Whats app number (JOINED IN SAI EDUCATION ONLINE) \*

1111

QUESTIONS

PLEASE WATCH THE ONLINE CLASSES CAREFULLY AND ANSWER THE FOLLOWING QUESTIONS.

<https://youtu.be/sCFuflPyD0U>

<https://youtu.be/Lqjhyw4uRI>

<https://youtu.be/gr4Q98cUlwQ>

1. Two students appeared at an examination. One of them scored 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

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

- 2
- 14
- 20
- 21

3. 3 candidates Ajay, Bijoy and Chandu contested an election and received 1800, 3300 and 3900 votes respectively. What percentage of the total votes did Ajay get? \* 1 point

- 20%
- 40%
- 45%
- 70%

4.The total population of a village increased from 18000 to 22500 in a decade. The average percentage increase of population per year of the village is? \*

1 point

- 2.37%
- 2.5%
- 3.6%
- 6.75%

5.How much is 80% of 40 is greater than  $\frac{4}{5}$  of 25? \*

1 point

- 4
- 6
- 9
- 12

6.Howmuch 60% of 50 is greater than 40% of 30? \*

1 point

- 18
- 13
- 15
- 20

7.After decreasing 24% in the price of an article costs Rs. 912.Find the actual cost of an article? \* 1 point

- 1400
- 1300
- 1200
- 1100

8. In a science examination, the average obtained by the students was 80 marks. If 10% of students scored 92 marks and 20% students scored 90 marks, then what was the average of remaining students? \*

1 point

- 65.32
- 70.56
- 75.43
- 77.96

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

1 point

- 35
- 40
- 45
- 50

10. Victor gets 90% marks in an examination. If there are 460 marks, find the Maximum marks? \*

1 point

- 300
- 500
- 700
- 900

11. In a class of 50 students, 40% are girls. Find the number of boys? \*

1 point

- 30
- 10
- 50
- 70

12. Rahul spends 50% of his monthly income on house hold items, 20% of his monthly income on buying clothes, 5% of his monthly income on medicines and the remaining amount of Rs. 11250 he saves. What is Rahul's monthly income? \*

1 point

- 38200
- 34000
- 41600
- 45000

13. Ragesh spends 35% of his income on food, 25% on children's education and 80% of the remaining on house rent. What percent of his income he is left with? \*

1 point

- 6%
- 8%
- 10%
- 12%

14. Sobhas mathematics test had 75 problems, 10 arithmetic, 30 algebra and 35 geometry problems. Although she answered 70% of arithmetic 40% of algebra and 60% of the geometric problems correctly. She did not pass the test because she got less than 60% of the problems right. How many more questions she would have needed to answer correctly? \*

1 point

- 5
- 6
- 7
- 8

15. 10% of the inhabitants of a village having died of cholera, a panic setting during which 25% of the remaining inhabitants left the village. The population is then reduced to 4050. Find the number of original inhabitants? \*

1 point

- 3000
- 40000
- 5000
- 6000

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

1 point

- $11 \frac{1}{9}\%$
- $9 \frac{1}{9}\%$
- $9 \frac{1}{11}\%$
- $11 \frac{1}{11}\%$

17.If Aravind salary is 20% less than Rohans salary. By how much percentage Rohans salary more than Aravind salary? \* 1 point

- 15%
- 25%
- 50%
- 75%

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

- 500
- 700
- 900
- 950

19.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 point

- 40%
- 50%
- 60%
- 70%

20. In a school 40 students playing cricket, 50 students playing football, 45 students playing volleyball, 15 students playing cricket and football, 18 students playing football and volleyball, 12 students playing cricket and volleyball, 5 students playing cricket, football and volleyball. All the students are participating at least any of the games. Then total number of students in the school is? \*

1 point

- 92
- 93
- 94
- 95

21. Kumar gave 40% of his accumulated amount to his wife. He gave 25% of his remaining amount to his son. Of the remaining amount of his spent 60% on education. Now he is with Rs. 2700. What is the amount he gave to his wife? \*

1 point

- 4000
- 5000
- 6000
- 7000

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

1 point

- 5700
- 6700
- 7700
- 8700



23.A scored 30% marks and failed by 15 marks. B scored 40% marks and obtained 35 marks more than required pass. Find the pass percentage? \*

1 point

- 33%
- 55%
- 57%
- 37%

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

1 point

- 25%
- 35%
- 45%
- 50%

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

1 point

- 15%
- 25%
- 35%
- 45%

**\*THANK YOU\***

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