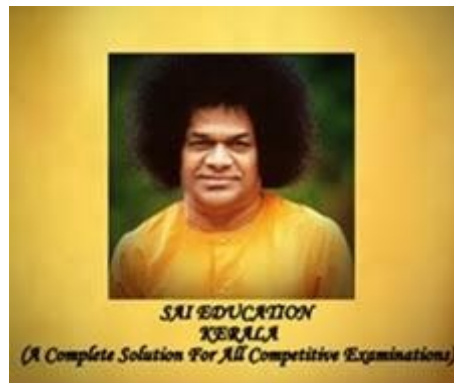# 108 DAYS ONLINE COACHING TEST FOR MISSION 2020,DAY(27), 19/08/2020, WEDNESDAY,

PERCENTAGE

NAME OF THE CANDIDATE *

M2

PLACE OF THE CANDIDATE *

Kannur

WHAT'S APP NUMBER (JOINED IN SAI EDUCATION ONLINE COACHING PLATFORM) *

111

MEDIUM OF TEST- ENGLISH

PLEASE WATCH THE ONLINE CLASSES CAREFULLY AND ANSWER THE FOLLOWING QUESTIONS

https://youtu.be/sCFufLPyD0U
https://youtu.be/LqIjhyw4uRI
https://youtu.be/gr4Q98cUIwQ
https://youtu.be/nXA6EvtyrQk

1.Rihana spends 40% of her salary on food, 20% on house rent, 10% on entertainment and 10% on conveyance. If her savings at the end of the month are Rs. 1500, then her salary per month (in Rs.) is: *   1 point

○ 8000

◉ 7500

○ 6000

○ 10000

2.The ratio of the number of boys and girls in a college is 3: 2. If 20% of boys and 25% of girls are adults, the percentage of those students who are not adults, is: *   1 point

○ 58%

○ 67.5%

◉ 78%

○ 82.5%

3.The prices of a school bag and a shoe are in the ratio 7: 5. The price of a school bag   1 point
is Rs. 200 more than the price of a shoe. Then the price of a shoe is: *

○ Rs. 200

○ Rs. 700

◉ Rs. 500

○ Rs. 1200

4.How much water must be added to 100 ml of 80 percent solution of acetic acid to   1 point
reduce it to a 50 per cent solution? *

○ 30ml

○ 40 ml

○ 50 ml

◉ 60 ml

5.In what ratio must 25% of alcohol be mixed with 50% of alcohol to get a mixture of   1 point
40% strength alcohol? *

○ 1 : 2

○ 2 : 1

◉ 2 : 3

○ 3 : 2

6.The price of a commodity has increased by 60%. By what percent must a consumer   1 point
reduce the consumption of the commodity so as not to increase the expenditure? *

○ 37 %

◉ 37.5%

○ 40.5%

○ 60%

7.In an examination, a candidate must secure 40% marks to pass. A candidate, who   1 point
gets 220 marks, fails by 20 marks. What are the maximum marks for the examination?
*

○ 1200

○ 800

◉ 600

○ 450

8.In an examination, 60% of the students pass in English, 70% pass in Hindi and 40%   1 point
pass in both. What percent of students fails in both English and Hindi? *

◉ 10%

○ 20%

○ 25%

○ 30%

9.In a college, 40% of the students were allotted group A, 75% of the remaining were 1 point
given group B and the remaining 12 students were given group C. Then the number of
students who applied for the group is: *

○ 60

○ 100

◉ 80

○ 90

10.The income of C is 20% more than B's and the income of B is 25% more than A's. 1 point
Find by how much percent is C's income more than A's? *

○ 150%

◉ 50%

○ 25%

○ 35%

11.Salary of a person in first increased by 20%, then it is decreased by 20%. 1 point
Percentage change in his salary is: *

◉ 4% decrease

○ 4% increase

○ 8% decrease

○ 20% decrease

12.In an election between two candidates, 75% of the voters cast their votes, out of which 2% votes were declared invalid. A candidate got 9261 votes which were 75% of the valid votes. The total number of voters enrolled in that election was:

- ◯ 16000
- ◯ 16400
- ⦿ 16800
- ◯ 18000

13.A reduction of 25% in the price of rice enables a person to buy 10 kg more rice for Rs. 600. The reduced per kg price of rice is:(a) Rs. 30 *

- ◯ Rs. 30
- ◯ Rs. 25
- ◯ Rs. 20
- ⦿ Rs. 15

14.Two numbers are respectively 10% and 25% more than a third number. What percent is the first of the second? *

- ◯ 66 %
- ◯ 54 %
- ◯ 72 %
- ⦿ 88 %

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

- ○ 45%
- ◉ 45 5/11%
- ○ 54 6/11%
- ○ 55%

16.If the price of the commodity increases by 40% by how much percent the consumption of that commodity to be reduced so as not to increase the expenditure? * — 1 point

- ○ 28%
- ◉ 28 4/7%
- ○ 46%
- ○ 42 3/7%

17.The price of milk falls down by 20% ,by how much percent consumption can be increased so as not to decrease the expenditure? * — 1 point

- ○ 23%
- ◉ 25%
- ○ 28%
- ○ 30%

18. If the income of Ravi is 20% more than Ram, then Ram's income will be how much percent less than that of Ravi? *   1 point

○ 14 %

○ 15 3/7 %

○ 18 %

◉ 16 2/3%

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19. 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

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20. In an examination 20%of the total number of students failed in history, 15% failed in hindi and 5% failed in both. Find the percentage of students who passed in both subjects? *   1 point

○ 30%

○ 20%

○ 50%

◉ 70%

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

- ○ 1 %
- ○ 14 %
- ◉ 20 %
- ○ 21 %

22.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, than A is greater than B
- ◉ None of these

23.In an examination 36% is the pass mark. If a student gets 17 marks and fails by 10 marks, what are the maximum marks? * 1 point

- ○ 100
- ◉ 75
- ○ 150
- ○ 85

24.Subtracting 40% of a number from the number, we get the results as 30.Find the number? *   1 point

○ 25

◉ 50

○ 75

○ 60

25.If the numerator of a fraction be increased by 15% and it's denominator be diminished by 8% . The value of the fraction is 15/16.Find the original fraction? *   1 point

○ 2/3

○ 3/2

◉ 3/4

○ 4/3

THANK YOU