108 Days Online Coaching Day (26) - 10/03/2020, Tuesday

PERCENTAGE

SAI EDUCATION
KERALA
(A Complete Solution For All Competitive Examinations)

Name of the candidates *

M1

Place of the candidates *

Kozhikode

WhatsApp number (Joined in sai education Coaching platform) *

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Questions

1)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

○ A. 39, 30

○ B. 41, 32

◉ C. 42, 33

○ D. 43, 34

2) A fruit seller had some apples. He sells 40% apples and still has 420 apples. Originally, he had? *   1 point

○ A. 588 apples

○ B. 600 apples

○ C. 672 apples

◉ D. 700 apples

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

○ A. 1

○ B. 14

◉ C. 20

○ D. 21

4) A student multiplied a number by 3/5 instead of 5/3 . What is the percentage error in the calculation? *   1 point

- ○ A. 34%
- ○ B. 44%
- ○ C. 54%
- ◉ D. 64%

5) 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

- ◉ A. 2700
- ○ B. 2900
- ○ C. 3000
- ○ D. 3100

6) 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

- ◉ A. 57%
- ○ B. 60%
- ○ C. 65%
- ○ D. 90%

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

○ A. Rs. 15

○ B. Rs. 15.70

⦿ C. Rs. 19.70

○ D. Rs. 20

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

⦿ A. Rs. 6876.10

○ B. Rs. 6999.20

○ C. Rs. 6654

○ D. Rs. 7000

9)The population of a town increased from 1,75,000 to 2,62,500 in a decade. The average percent 1 point
increase of population per year is? *

○ A. 4.37%

⦿ B. 5%

○ C. 6%

○ D. 8.75%

10)Two friends, Akash & Beenu had some candies each. One of them had 15 candies more than the other. The candies with Akash was 60% of the total candies with them. How many candies did each have? * $\quad$ 1 point

- ○ A. 40, 25
- ○ C. 45, 30
- ● B. 47, 32
- ○ D. 49, 34

11)In ABC College, 63% of students are less than 20 years of age. The number of students more than 20 years of age is 2/3 of number of students of 20 years of age which is 42. What is the total number of students in the ABC College? * $\quad$ 1 point

- ○ A 75
- ○ B 90
- ○ C 130
- ● D 200

12)A student erroneously multiplied a number by 2/5 instead of 5/2.What is the percentage error in the calculation? * $\quad$ 1 point

- ○ A 24%
- ○ B 54%
- ○ C 74%
- ● D 84%

13) The sum of the first six terms of an AP is 48 and the common difference is 2. What is the 4th term? *   1 point

○ A 2400

○ B 2700

○ C 3200

○ D 2100

14) Three candidates, Ajay, Bijoy & Chandu contested an election and received 1800, 3300 and votes   1 point
3900 respectively. What percent of the total votes did A get? *

○ A. 20%

○ B. 40%

○ C. 45%

○ D. 70%

15) The total population of a village increased from 1,80,00 to 22, 500 in a decade. The average   1 point
percentage increase of population per year of that village is? *

○ A. 2.37%

○ B. 2.5%

○ C 3.6%

○ D non of the above

16)A fruit seller had some apples. He sells 40% apples and still has 420 apples. Originally, he had? * 1 point

○ A. 588 apples

○ B. 600 apples

○ C. 672 apples

● D. 700 apples

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

○ A. 72

○ B. 80

○ C. 120

○ D. 150

● E. 100

18)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

● A. 57%

○ B. 60%

○ C. 65%

○ D. 90%

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 point

- ○ A. 4.37%
- ⦿ B. 5%
- ○ C. 6%
- ○ D. 8.75%

20)What percent of 120 are 90? *   1 point

- ○ 25%
- ○ 50%
- ⦿ 75%
- ○ 33%

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

- ○ 1400
- ○ 1300
- ○ 1000
- ⦿ 1200

22)How much is 80% of 40 is greater than 4/5 of 25? *   1 point

- ○ 8
- ● 12
- ○ 4
- ○ 3

23)40% of a number is more than 20% of 650 by 190. Find the number? *   1 point

- ● 800
- ○ 600
- ○ 100
- ○ Non of the above

24)60% of a number is added to 120, the result is the same number. Find the number? *   1 point

- ○ 200
- ○ 400
- ● 300
- ○ 500

25)40 is subtracted from 60% of a number, the result is 50. Find the number? *

1 point

○ 100

○ 159

○ 140

◉ 150

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