108 Days Online Coaching Day-(86) Tuesday 31/12/19

AVERAGE

Name of the candidates *

M1 ▾

Place of the candidates *

- ○ Thiruvanathapuram
- ○ Kollam
- ○ Pathanamthitta
- ○ Alappuzha
- ○ Kottayam
- ○ Idukki
- ○ Eranakulam
- ○ Thrissur
- ○ Palakkad
- ○ Malappuram
- ◉ Kozhikode
- ○ Wayanad
- ○ Kannur
- ○ Kasargod

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

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Questions

Please watch the online classes and answer the following questions
https://youtu.be/bCoC5F-GNLs
https://youtu.be/sqL0Am-9iIw
https://youtu.be/qL-Pe13Mt8k

1) In the first 10 overs of a cricket game, the run rate was only 3.2. What should be the run rate in the remaining 40 overs to reach the target of 282 runs? *   1 point

◉ A. 6.25

○ B. 6.5

○ C. 6.75

○ D. 7

2)A family consists of two grandparents, two parents and three grandchildren. The average age of the grandparents is 67 years, that of the parents is 35 years and that of the grandchildren is 6 years. What is the average age of the family? *   1 point

○ 28 4/7 years

◉ 31 5/7 years

○ 32 1/7 years

○ Non of the above

3)A grocer has a sale of Rs. 6435, Rs. 6927, Rs. 6855, Rs. 7230 and Rs. 6562 for 5 consecutive months. 1 point
How much sale must he have in the sixth month so that he gets an average sale of Rs. 6500? *

◉ A .Rs. 4991

○ B. Rs. 5991

○ C. Rs. 6001

○ D. Rs. 6991

4) The average weight of 8 person's increases by 2.5 kg when a new person comes in place of one of them weighing 65 kg. What might be the weight of the new person? *   1 point

○ A. 76 kg

○ B. 76.5 kg

● C. 85 kg

○ D. Data inadequate

○ E. None of these

5) The captain of a cricket team of 11 members is 26 years old and the wicket keeper is 3 years older. If the ages of these two are excluded, the average age of the remaining players is one year less than the average age of the whole team. What is the average age of the team? *   1 point

● A. 23 years

○ B. 24 years

○ C. 25 years

○ D. None of these

6) The average monthly income of P and Q is Rs. 5050. The average monthly income of Q and R is Rs. 6250 and the average monthly income of P and R is Rs. 5200. The monthly income of P is: *   1 point

○ A. 3500

● B. 4000

○ C. 4050

○ D. 5000

7) The average age of husband, wife and their child 3 years ago was 27 years and that of wife and the child 5 years ago was 20 years. The present age of the husband is: *   1 point

○ A. 35 years

◉ B. 40 years

○ C. 50 years

○ D. None of these

8) A car owner buys petrol at Rs.7.50, Rs. 8 and Rs. 8.50 per litre for three successive years. What approximately is the average cost per litre of petrol if he spends Rs. 4000 each year? *   1 point

◉ A. Rs. 7.98

○ B. Rs. 8

○ C. Rs. 8.50

○ D. Rs. 9

9) In Arun's opinion, his weight is greater than 65 kg but less than 72 kg. His brother doest not agree with Arun and he thinks that Arun's weight is greater than 60 kg but less than 70 kg. His mother's view is that his weight cannot be greater than 68 kg. If all are them are correct in their estimation, what is the average of different probable weights of Arun? *   1 point

◉ A. 67 kg.

○ B. 68 kg.

○ C. 69 kg.

○ D. Data inadequate

○ E. None of these

10)The average weight of A, B and C is 45 kg. If the average weight of A and B be 40 kg and that of   1 point
B and C be 43 kg, then the weight of B is: *

○ A. 17 kg

○ B. 20 kg

○ C. 26 kg

● D. 31 kg

11)The average weight of 16 boys in a class is 50.25 kg and that of the remaining 8 boys is 45.15 kg.   1 point
Find the average weights of all the boys in the class. *

○ A. 47.55 kg

○ B. 48 kg

● C. 48.55 kg

○ D. 49.25 kg

12)A library has an average of 510 visitors on Sundays and 240 on other days. The average number   1 point
of visitors per day in a month of 30 days beginning with a Sunday is: *

○ A. 250

○ B. 276

○ C. 280

● D. 285

13)If the average marks of three batches of 55, 60 and 45 students respectively is 50, 55, 60, then the average marks of all the students is: * 　1 point

○ A. 53.33

◉ B. 54.68

○ C. 55

○ D. None of these

14) Average Questions Popular Latest Rated Important FormulaeQ:The average of runs of a cricket player of 10 innings was 32. How many runs must he make in his next innings so as to increase his average of runs by 4 ? * 　1 point

◉ A) 76

○ B) 79

○ C) 85

○ D) 87

15)A grocer has a sale of Rs 6435, Rs. 6927, Rs. 6855, Rs. 7230 and Rs. 6562 for 5 consecutive months. How much sale must he have in the sixth month so that he gets an average sale of Rs, 6500 ? * 　1 point

◉ A) 4991

○ B) 5467

○ C) 5987

○ D) 6453

16)The average weight of a class of 24 students is 35 kg. If the weight of the teacher be included, the 1 point
average rises by 400 g. The weight of the teacher is ? *

◉ A) 45 kg

◯ B) 46 kg

◯ C) 47 kg

◯ D) 48 kg

17)Of the four numbers, whose average is 60, the first is one-fourth of the sum of the last three. The 1 point
first number is : *

◯ A) 17

◯ B) 29

◯ C) 36

◉ D) 48

18)10 years ago, the average age of a family of 4 members was 24 years. Two children having been 1 point
born (with age diference of 2 years), the present average age of the family is the same. The present
age of the youngest child is : *

◯ A) 1

◯ B) 2

◉ C) 3

◯ D) 4

19) The average salary of all the workers in a workshop is Rs. 8000. The average salary of 7 technicians is Rs. 12000 and the average salary of the rest is Rs. 6000. The total number of workers in the workshop is : *   1 point

○ A) 20

◉ B) 21

○ C) 23

○ D) 24

20) The average age of a husband and his wife was 23 years at the time of their marriage. After five years they have a one-year old child. The average age of the family now is : *   1 point

○ A) 25

○ B) 23

◉ C) 19

○ D) 18

21) The average age of 8 men is increased by years when two of them whose ages are 21 years and 23 years are replaced by two new men. The average age of the two new men is : *   1 point

○ A) 20

◉ B) 30

○ C) 40

○ D) 50

22)A team of 8 persons joins in a shooting competition. The best marksman scored 85 points. If he had scored 92 points, the average score for the team would have been 84. The number of points, the team scored was ? * 　1 point

- ◉ A) 665
- ○ B) 657
- ○ C) 658
- ○ D) 678

23)A car owner buys petrol at Rs 7.50, Rs. 8 and Rs. 8.50 per litre for three successive years. What approximately is the average cost per litre of petrol if he spends Rs. 4000 each year ? * 　1 point

- ○ A) 6.23
- ◉ B) 7.98
- ○ C) 8.97
- ○ D) 9.89

24)The average temperature for Monday, Tuesday, Wednesday and Thursday was 48 degrees and for Tuesday, Wednesday, Thursday and Friday was 46 degrees. If the temperature on Monday was 42 degrees. Find the temperature on Friday ? * 　1 point

- ◉ A) 34
- ○ B) 36
- ○ C) 38
- ○ D) 40

25) The average age of 36 students in a group is 14 years. When teacher's age is included to it, the average increases by one. What is the teacher's age in years ? *

1 point

- ○ A) 35 years
- ○ B) 45 years
- ● C) 51 years
- ○ D) 54 years

26) The average monthly salary of 20 employees in an organisation is Rs. 1500. If the manager's salary is added, then the average salary increases by Rs. 100. What is the manager's monthly salary ? *

1 point

- ● A) 3600
- ○ B) 3700
- ○ C) 3800
- ○ D) 3900

THANK YOU