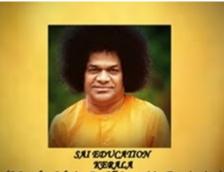# 108 DAYS ONLINE COACHING DAY(83) – 28/05/2020 THURSDAY

Average

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

Name of the candidate *

M3

Place of the candidate *

Thiruvananthapuram

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

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Please watch the following videos and answer the following questions

https://youtu.be/bCoC5F-GNLs
https://youtu.be/sqL0Am-9iIw

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1. Average of all prime numbers between 30 to 50 *   1 point

○ 37

○ 37.8

○ 39

◉ 39.8

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2. Reeya obtained 65, 67, 76, 82 and 85 out of 100 in different subjects, What will be the   1 point
average. *

○ 70

◉ 75

○ 80

○ 85

3.Find the average of first 10 multiples of 7 *   1 point

○ 35.5

○ 37.5

◉ 38.5

○ 40.5

4. The average of four consecutive odd numbers is 24. Find the largest number. *   1 point

○ 25

◉ 27

○ 29

○ 31

5. Average age of boys in a class is 16 years and average age of girls is 15 years, what is   1 point
the average age of all *

○ 15.5

○ 15

○ 16

◉ Cant be computed

6. A library has an average of 510 visitors on Sundays and 240 on other day. The average number of visitors in a month of 30 days starting with sunday is * 　　1 point

○ 280

◉ 285

○ 290

○ 295

7. A batsman makes a score of 87 runs in the 17th match and thus increases his average by 3. Find his average after 17th match * 　　1 point

○ 36

○ 37

○ 38

◉ 39

8. Average weight of 10 people increased by 1.5 kg when one person of 45 kg is replaced by a new man. Then weight of the new man is * 　　1 point

○ 50

○ 55

◉ 60

○ 65

9. Average of five numbers is 27. If one number is excluded the average becomes 25. The   1 point
excluded number is *

◉ 35

◯ 45

◯ 55

◯ 65

10. The average score of a cricketer for ten matches is 38.9 runs. If the average for first   1 point
six matches is 42, then average for last four matches is *

◯ 33.25

◯ 32.25

◉ 34.25

◯ 34.50

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

◯ 5

◯ 7.4

◉ 6.25

◯ 5.5

12.Average of 10 matches is 32, How many runs one should should score to increase his average by 4 runs. *   1 point

○ 70

◉ 76

○ 78

○ 80

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

○ 54.48

◉ 54.68

○ 54.60

○ 54.58

14. 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

◉ 40

○ 35

○ 45

○ 55

15. The average of six numbers is X and the average of three of these is Y.If the average of the remaining three is z, then *   1 point

○ x = y + z

◉ 2x = y + z

○ x = 2y + z

○ x = y + 2z

16. A motorist travel to a place 150 km away at an avearge speed of 50 km/hr and returns ar 30 km/hr.His average speed for the whole jouney in km/hr is *   1 point

○ 36.5 km/hr

◉ 37.5 km/hr

○ 35.5 km/hr

○ 34.5 km/hr

17.Marks of a student were wrongly entered in computer as 83, actual marks of that student were 63. Due to this mistake average marks of whole class got increased by half (1/2). Find the total number of students in that class. * 　　1 point

○ 25

○ 30

○ 35

◉ 40

○ 45

18. 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. Find out the average age of the team. * 　　1 point

○ 21

◉ 23

○ 24

○ 20

19. The average monthly income of A and B is ₹5050. The average monthly income of B   1 point
and C is ₹6250 and the average monthly income of A and C is ₹5200. What is the
monthly income of A? *

○ 2000

○ ₹5000

◉ ₹4000

○ ₹3000

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

○ 42.25 kg

○ 51.25 kg

◉ 48.55 kg

○ 50kg

21. Average age of 5 people is 42 years. Another group has 8 people who have average   1 point
age of 81 years. When both groups are mixed what is average age of all people? *

○ 64 years

◉ b. 66 years

○ c. 61.5 years

○ d. 70 years

22. The average weight of A, B and C is 45 kg. If the average weight of A and B be 40 kg   1 point
and that of B and C be 43 kg, what is the weight of B? *

○ 281/2kg

◉ 31kg

○ 32kg

○ 301/2kg

23.Average age of 7 family members is 75 years. But average age of 6 of them is 74 years   1 point
6 months. What is the age of the 7th family member? *

○ 75.5

◉ b. 78

○ c. 68

○ d. 80

24. The average weight of 8 persons increases by 2.5 kg when a new person comes in   1 point
place of one of them weighing 65 kg. What is the weight of the new person? *

○ 50

◉ 85

○ 80

○ 75

25.Arun obtained 76,65,82,67 and 85 marks (out in 100) in English, Mathematics, Chemistry, Biology and Physics. What is his average mark? *

1 point

○ 54

○ 53

◉ 75

○ 72

Thankyou!!