

100 DAYS ONLINE COACHING DAY -66.(05-06-2019) AVERAGES

University assistant special

QUESTIONS

Please watch the video

- 1) <https://youtu.be/bCoC5F-GNLs>
- 2) <https://youtu.be/sqL0Am-9ilw>
- 3) <https://youtu.be/qL-Pe13Mt8k>
- 4) <https://youtu.be/J0SEYjg8ijQ>

1. The mean weight of a group of seven boys is 56 kg. The individual weight of 6 of them are 52, 57, 55, 60, 59 & 55. Find the weight of 7th boy *

1 point

- 56
- 57
- 54
- 55

2. A cricketer has a mean score of 58 runs in 9 innings. Find out how many runs are to be scored by him in the 10 th innings to raise the mean score to 61. *

88

78

86

76

3. The mean of 5 members is 28. If one of the numbers is excluded the mean gets reduced by 2. Find the excluded number. *

38

39

36

37

4. The mean weight of a class of 35 students is 45 kg. If the weight of the teacher be included, the mean weight increases by 500 g. Find the weight of the teacher. *

63

65

64

66

5. The average height of 30 boys was calculated to be 150 cm. It was detected later that one value of 165 was wrongly copied as 135 for computation of average. Find correct average. *

1 point

 151 152 155 158

6. The mean of 16 items was found to be 30. On rechecking it was found that 2 items were taken wrongly as 22 and 18 instead of 33 and 28 respectively. Find correct average. *

1 point

 31.25 31.35 31 30

7. The mean of 25 observations is 36. If the mean of 1st observation is 32 and last 13 observation is 39. Find 13th observation. *

1 point

 23 24 26 25

8. The aggregate monthly expenditure of a family was 6240 rs during 1st 3 months. 6780 rs during next 4 months and 7236 during last 5 months of a year. If total saving during the year is 7080. Find average monthly income. *

1 point

 7425 7435 7445 7415

9. A person covers 18 km at 10 km/hr. 16 km at 8 km/hr. Then find the average speed in covering the whole distance *

1 point

 $7 \frac{3}{10}$ $7 \frac{3}{11}$ $6 \frac{3}{11}$ $6 \frac{3}{10}$

10. A person divides journey distance into 3 equal parts and then he travel each part of distance with speed of 20, 15 & 10 km/hr respectively. Find the average speed during the whole journey *

1 point

 $13 \frac{11}{13}$ 13 $13 \frac{12}{13}$ $13 \frac{11}{12}$

11. The student got average marks of 13 papers is 65. The average of the first 7 papers is 75 and last 7 paper is 60. Find the marks obtained in the 7 th paper. *

1 point

- 90
- 95
- 85
- 100

12. The average salary of the entire staff in an office is 250 per day. The average salary of officers is 750 and that of non-officers is 200. If the no. of officers is 15, then find the number of non-officers in the office? *

1 point

- 200
- 150
- 100
- 125

13. The average of 71 results is 48. If the average of the first 59 results is 46 and that of the last 11 results is 52. Find the 60th result? *

1 point

- 122
- 132
- 100
- 98

14. The average age of a group of men increased by 5 years when a person aged 18 years is replaced by a new person of aged 38 years. How many men are there in the group? *

1 point

 4 5 3 6

15. A batsman in his 20th innings, missed a century by 5 runs and there by increased his average by 4. Find the average after 20 th innings. *

1 point

 15 19 20 16

16. The average of marks obtained by 77 candidates in a certain examination is 17. If the average marks of failed candidates is 8 and passed candidates is 19, then find the no. of passed candidates in exam? *

1 point

 66 63 62 60

17. A team of 8 persons joins in a shooting competition. The best marksman scored 85 points. If he had scored 92, the average score for the team would have been 84. The no. of points, the team scored was *

1 point

 665 657 658 678

18. A family consists of 2 grandparents, two parents and 3 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 family? *

1 point

 28 $\frac{4}{7}$ 31 $\frac{5}{7}$ 32 $\frac{1}{7}$ None of these

19. 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

 3500 4000 4050 5000

20. The average of 52 numbers is 45. Two numbers 55 and 45 are discarded from the set of numbers. find the new average *

1 point

- 45
- 48.
- 44.8
- 46

21. The mean of 40 members was found to be 38. later on, it was detected that a number 56 was misread as 36. find the correct mean

1 point

- 37.5
- 36.5
- 38.5
- 35.5

22. The mean of the height of 6 boys is 152 cm. if the individual heights of the 5 of them are 151, 153, 149, and 154. find the height of 6th boy.

1 point

- 152
- 160
- 150
- 165

23. mean of 9,8,10, x,12 is 15. find x?

1 point

- 36
- 33
- 35
- 34

24. The average salary of 20 officers in a company is 300. the average salary of non -officers in the same company is 120 . fine the number of non officers if the average of whole organization is 150

1 point

- 150
- 100
- 125
- 175

25. The average number of toffees that the students were given in a school is equal to 25. the principal decided to give the students 25 times the toffees they were given the previous year. What is the average no toffees the students will get this year.

1 point

- 640
- 635
- 625
- 630

THANK YOU

This content is neither created nor endorsed by Google.

