

**Averages – Test 3**

1. The average of five numbers is 27. If one number is excluded, the average becomes 25. The excluded number is ?  
A) 25    B)35    C)45    D)55
  
2. The average temperature for Wednesday, Thursday and Friday was 40°C. The average for Thursday, Friday and Saturday was 41°C. If temperature on Saturday was 42°C, what was the temperature on Wednesday?  
  
A) 39 degree Celsius    B) 44 degree celsius    C) 38 degree celsius  
D) 41 degree Celsius
  
3. Three numbers are in the ratio 4 : 5 : 6 and their average is 25. The largest number is :  
A) 30    B)40    C)50    D)60
  
4. The average of weight of 8 persons 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 new person?  
A) 76 kg    B) 76 kg    C) 76.5 kg    D) 85 kg
  
5. The captain of a cricket team of 11 players is 26 years old and the wicket keeper is 3 years older. If the ages of these two are excluded the average age of remaining players is one year less than the average age whole team. What is the average age of the team?  
A) 23 Years    B) 24 Years    C) 25 Years    D) None of these
  
6. 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?  
  
A)76    B)79    C)85    D)87
  
7. Average of all prime numbers between 30 to 50  
A)37    B)37.8    C)39    D)39.8
  
8. The captain of a cricket team of 11 members is 26 years old and the wicketkeeper 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?

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A) 23 years      B) 24 years      C) 25 years      D) None of these

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

A) 70      B) 76      C) 78      D) 80

10. There are 36 boys and 44 girls in a class. The average score of boys is 40 points and girls is 35 points. Then what will be the average score of the class?

A) 37.25 points      B) 28.95 points      C) 35.5 points      D) 40.04 points

11. The mean weight of a group of seven boys is 56 kg. The individual weights (in kg) of six of them are 52, 57, 55, 60, 59 and 55. Find the weight of the seventh boy.

A) 64      B) 54      C) 88      D) 28

12. Average weight of 25 boys in a class is 48 kgs. The average weight of the class of 40 students is 45 kgs. What is the average weight of the 15 girls in the class?

A) 44 kgs      B) 42 kgs      C) 40 kgs      D) 39 kgs

13. Average of 16 numbers is 8. If 2 is added to every number, the new average will be:

A) 13      B) 9      C) 10      D) 8

14. 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?

A) 6.25      B) 5.5      C) 7.4      D) 5

15. The average weight of 15 girls in a group is 24 kg when a new girl included the average weight increases by 2. What is the weight of the new girl?

A) 56 kg      B) 28 kg      C) 34 kg      D) none of these

16. 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?

A) 36      B) 37      C) 38      D) 39

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17. 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?

- A) 76 kg    B) 76.5 kg    C) 85 kg    D) Data inadequate

18. The average of 50 numbers is 30. If two numbers, 35 and 40 are discarded, then the average of the remaining numbers is near?

- A) 28.32    B) 29.68    C) 28.78    D) 29.27

19. The average of 11 numbers is 10.9. If the average of first six is 10.5 and that of the last six is 11.4 the sixth number is?

- A) 11.0    B) 11.3    C) 11.4    D) 11.5

20. 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?

- A) 4991    B) 5467    C) 5987    D) 6453

21. 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:

- A) 35 years    B) 40 years    C) 50 years    D) None of these

22. Average of all prime numbers between 30 to 50

- A) 37    B) 37.8    C) 39    D) 39.8

23. A cricketer has a mean score of 58 runs in nine innings. Find out how many runs are to be scored by him in the tenth innings to raise the mean score to 61.

- A) 77    B) 67    C) 88    D) 97

24. In a 20 over match, the required run rate to win is 7.2. If the run rate is 6 at the end of the 15th over, the required run rate to win the match is:

- A) 1.2    B) 13.2    C) 10.8    D) 12

25. The average score of a cricketer for ten matches is 38.9 runs. If the average for the first six matches is 42, then find the average for the last four matches.

- A) 33.25    B) 33.5    C) 34.25    D) 35