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4) The average of six numbers is 3.95. The average of two of them is 3.4, while the average of the other two is 3.85. What is the average of the remaining two numbers ?

- a) 3.6      b) 4.6  
c) 6.5      d) 7.3

2) The average temperature of the town in the first four days of a month was 58 degrees. The average for the second, third, fourth and fifth days was 60 degrees. If the temperatures of the first and fifth days were in the ratio 7 : 8, then what is the temperature on the fifth day ?

- a) 62 degrees      b) 64 degrees  
c) 65 degrees      d) 66 degrees

3) 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 ?

- a) 20 years      b) 21 years  
c) 23 years      d) 25 years

4) In Arun's opinion, his weight is greater than 65 kg but less than 72 kg. His brother does 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 of them are correct in their estimation, what is the average of different probable weights of Arun ?

- a) 55.5 kg      b) 66.5 kg  
c) 77.5 kg      d) 88.5 kg

5) A student was asked to find the arithmetic mean of the numbers 3, 11, 7, 9, 15, 13, 8, 19, 17, 21, 14 and x. He found the mean to be 12. What should be the number in place of x ?

- a) 6      b) 7  
c) 8      d) 9

6) Without any stoppage, a person travels a certain distance at an average speed of 42 km/h, and with stoppages he covers the same distance at an average speed of 28 km/h. How many minutes per hour does he stop?

- a) 15 minutes      b) 20 minutes  
c) 18 minutes      d) 22 minutes

7) David obtained 76, 65, 82, 67 and 85 marks (out of 100) in English, Mathematics, Physics, Chemistry and Biology. What are his average marks ?

- a) 75      b) 68  
c) 65      d) 60







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8) A motorist travels to a place 150 km away at an average speed of 50 km/hr and returns at 30 km/hr. His average speed for the whole journey in km/hr is :

- a) 35              b) 36  
c) 37.5            d) 38.2

9) Find the average of numbers 87, 84, 86, 90, 82, 88, 78.

- a) 85              b) 84  
c) 83              d) 82

10) The average of 4 terms is 20 and the 1st term is  $\frac{1}{3}$  of the remaining terms. What will be the first number?

- a) 30              b) 20  
c) 60              d) 80

11) The average age of A, B and C was 25 years and that of B and C was 25 years. A's present age is:

- a) 30 years              b) 25 years  
c) 40 years              d) 42 years

12) The average of 7 consecutive numbers is n. If the next two numbers are included, the average will

- a) increased by 2  
b) remains the same  
c) increased by 1  
d) increased by 2

13) For 9 innings, Boman has an average of 75 runs. In the tenth inning, he scores 100 runs, thus increasing his average. His new average is

- a) Rs. 75              b) Rs. 100  
c) Rs. 72              d) Rs. 77.5

14) For 9 innings, Roman has an average of 65 runs. In the tenth inning, he scores 200 runs, thus increasing his average. His average increased by

- a) 78.5              b) 72  
c) 13.5              d) 77.5

15) In a family of 8, the men eat on average 72kg of food and women eat on an average 50kg of food. The men and women are equal in number. A hungry woman named Neetu joined the family for dinner and the average consumption became 67. How much did Neetu eat (in kgs)?

- a) Rs. 115              b) Rs. 80  
c) Rs. 90              d) Rs. 85

16) In a hotel, the tariff for every odd dates is Rs.1000 and for even dates is Rs. 2000. If the man paid total of 30000 in all. For how many days did he stay in the hotel given that the first day is 5th date of the month?

- a) 50              b) 20  
c) 40              d) 60







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17) The average of 5 terms is 50. If the first 4 terms are 45, 42, 119, and 84, what will be the last term?

- a) 56                      b) -20  
c) -40                     d) -50

18) If the average number of 8 terms is given to be 40 and the average of first 6 terms is given to be 35. What is the average of the remaining 2 terms?

- a) 30                      b) 55  
c) 40                      d) 42

19) Mean of eight numbers is 38.4 and the mean of seven of them is 39.2. What is the eight number?

- a) 3.2                      b) 31.2  
c) 32.8                     d) 34.8

20) In seven given numbers, the average of first four numbers is 4 and that of the last four numbers is also 4. If the average of these seven numbers is 3, the fourth number is

- a) 4                        b) 7  
c) 11                      d) 13

21) The average of five numbers is 306.4. The average of the first two numbers is 431 and the average of the last two numbers is 214.5. What is the third number?

- a) 108                     b) 241  
c) 321                     d) 411

22) The average monthly income of a family of four earning members was Rs.15130. One of the daughters in the family got married and left home, so the average monthly income of the family came down to Rs.14660. What is the monthly income of the married daughter?

- a) Rs.12000                      b) Rs. 15350  
c) Rs. 16540                     d) Rs. 17650

23) The average of 6 consecutive even numbers is 13. What is the product of the greatest and lowest numbers among them?

- a) 144                        b) 162  
c) 126                        d) 90

24) The average of four consecutive odd numbers A, B, C and D respectively is 24. What is the product of B and D?

- a) 384                        b) 475  
c) 621                        d) 625

25) The average marks obtained by 80 students in Math is 42. If the average marks of the passed students is 48 while the average marks of the failed students is 32, then find the difference of number of students who passed and failed in the math exam.

- a) 30                        b) 40  
c) 50                        d) 20







26) Rohit Sharma has a certain average of runs for 14 innings. In a match against Australia, he played his 15th inning in which he was awarded man of the match for scoring 72 runs, thereby increasing his average by 2 runs. Find his average after playing with Australia.

- a) 42      b) 44  
c) 46      d) 40

27) The average score of A, B and C is 63. A's score is 15 less than D and 10 more than B's score. If D scored 30 marks more than the average score of A, B and C, then what is the sum of B's and C's scores?

- a) 120      b) 111  
c) 117      d) Cannot be determined

28) Average of 11 numbers is 71 and the average of first 5 numbers is 73. If average of last 4 numbers is 84 and the ratio of 6th and 7th number is 9 : 7, then find the 6th number.

- a) 27      b) 36  
c) 45      d) 54

29) The average weight of 16 employees in a company is 63 kg. The average weight of the first 5 employees is 58 kg and the average weight of the next 9 employees is 62 kg. If the weight of 15th employee is 12

kg more than 16th employee, find the weight of the 15th employee.

- a) 76 kg      b) 72 kg  
c) 86 kg      d) 78 kg

30) . In a class of 50 students, 42 students scored an average of 95 marks out of 100 in English. The remaining 8 students have scores differing by 1 mark each. If the average of the class is 92.6, find the marks of the student who stood second highest among the remaining 8 students.

- a) 83.2      b) 84.4  
c) 82.5      d) 81.8

