Average test

Q1. The average weight of 3 persons A, B and C is 84 kg, when D joins the average weight become 80 kg. E, who is 3 kg more than D replaces A, hence the average weight of B, C, D, E become 79 kg. Find the weight of A.

(a) 71 kg   (b) 75 kg   (c) 79 kg   (d) 83 kg

Q2. In an exam, the average marks obtained by the students was found to be 60. After the omission of computational errors, the average marks of 100 candidates had to be changed from 60 to 30 and the average with respect to all the examinees came down to 45 marks. The total number of candidates who took the exam was:

(a) 180   (b) 200   (c) 210   (d) 240

Q3. The average of three numbers is 77. The first number is twice the second and the second number is twice the third. Find the first number.

(a) 33   (b) 66   (c) 77   (d) 132

Q4. The average marks of girls in a class is 60 and that of the boys is 80. If the average marks of the class is 67.5 and there are 24 boys in the class. find the number of girls in the class?

(a) 24   (b) 32   (c) 40   (d) 64

Q5. In a team of 10 persons, nine persons spent Rs. 40 each for their meal and the remaining one spent Rs. 9 more than the average expenditure of all the 10 persons. The total expenditure for their meal was:

(a) Rs. 310   (b) Rs. 410   (c) Rs. 510   (d) Rs. 610   (e) None of these

Q6. 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) 23 years   (b) 24 years   (c) 25 years   (d) None of these

Q7. 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 yearly   (d) None of these

Q8. A library has an average of 510 visitors on Sundays and 240 on other days. The average number of visitors per day in a month of 30 days beginning with a Sunday is:

(a) 250   (b) 276   (c) 280   (d) 285

Q9. The average of 5 consecutive odd numbers is 43, find the sum of these numbers.

(a) 100 (b) 115 (c) 215 (d) 230 (e) None of these

Q10. In the India-Australia one day match, due to rain, India needed 324 runs in 48 overs to win. In initial 10 overs, the average scoring rate was 6, but in next 10 overs it increased to 8.5. It then declined to 5.5 in next 10 overs and again rose to 7 in next 10 overs. To win the match now what average is needed?

(a) 6.75 (b) 7.75 (c) 8.25 (d) 7

Answer key

1	B	3	D	5	B	7	B	9	C
2	B	4	C	6	A	8	D	10	A