Average Test

Instruction: In the following questions, select the correct choice among the alternatives given below the question.

1. **The average of two number is *M*. if one number is *N*, then the other number is:**
    (a) 2*N*   (b) 2*M*   (c) *M* – *N*   (d) 2*M* - *N*

2. **The average of marks of a student in 7 subjects is 75. His average in 6 subjects excluding science is 72. How many marks did he get in science?**
    (a) 72   (b) 90   (c) 93   (d) none of these

3. **The average age of 30 students of a class is 12 years. The average age of a group of 5 of the students is 10 years and that of another group of 5 of them is 14 years. What is the average age of the remaining students?**
    (a) 8 years   (b) 10 years   (c) 12 years   (d) 14 years

4. **The average weight of 9 mangoes increases by g if one of them weighting 120g is replaced by another. The weight of new mango is:**
    (a) 180 g   (b) 200 g   (c) 260 g   (d) 300 g

5. **The average age of boys is twice the number of girls in a class. If the ratio of boys and girls in the class of 36 is 5: 1, what is the total age of the boys in class (in years)?**
    (a) 490   (b) 196   (c) 420   (d) 360

6. **The average age of a class is 15.8 years. The average age of the boys in the class is 16.4 years while that of the girls is 15.4 years. What is the ratio of boys to girls in the class?**
    (a) 1: 2   (b) 3: 4   (c) 3: 5   (d) none of these

7. **The average of 100 observations was calculated as 40. It was found later on that one of the observations was misread as 83 instead of 53. The correct average is:**
    (a) 39   (b) 39.7   (c) 40.3   (d) 42.7

8. **The average of 50 numbers is 38. If two numbers, namely 45 and 55 are discarded, the average of remaining numbers is:**
    (a) 36.5   (b) 37   (c) 37.5   (d) 37.52

9. **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 per hour is:**
    (a) 35   (b) 37   (c) 37.5   (d) 40

10. **The average age of 30 students in 9 years. If the age of their teacher is include it becomes 10 years. The age of the teacher (in year) is :**
    (a) 27   (b) 31   (c) 35   (d) 40

11. **The average weight of 29 students is 28 kg. By the admission of a new student, the average weight is reduced to 27.8 kg. the weight of the new student is:**
    (a) 22 kg   (b) 21.6 kg   (c) 22.4 kg   (d) 21 kg

12. **A team of 8 persons joins in a shooting competition. The best marksman scored 85 points. If he had scored 92 points, the average score for the team would have been 84. The number of points, the team scored was:**
    (a) 672   (b) 665   (c) 645   (d) 588

13. **Three years ago the average age of a family of 5 members was 17 years. A baby having been born, the average age of the family is the same today. The present age of the baby is :**
    (a) 2 years   (b) 2.4 years   (c) 3 years   (d) 1.5 years

14. **Five years ago , the average age of P and Q was 15 years. Average age of P, Q and R today is 20 years. How old will R be after 10 years?**

(a) 35 years   (b) 40 years   (c) 30 years   (d) 50 years

15. **The average weight of 3 men A, B and C is 84 kg another man D joins the group and the average now becomes 80 kg. If another man E, whose weight is 3 kg more than that of D, replaces A then the average weight of B, C, D and E becomes 79 kg. the weight of A is :**

(a) 70 kg   (b) 72 kg   (c) 75 kg   (d) 80kg

16. **Five years ago, the average age of A, B, C and D was 45 years. With E joining them now, the average of all the five is 49 years. How old is E?**

(a) 25 years   (b) 40 years   (c) 45 years   (d) 64 years

17. **The average age of a committee of eight members is 40 years. A member aged 55 years retired and his place was taken by another member aged 39 years. The average age of the present committee is**

(a) 39 years   (b) 38 years   (c) 36 years   (d) 35 years

18. **In a Cricket team, the average age of eleven players is 28 years. Out of these, the average ages of three groups of three players each are 25 years, 28 years and 30 years respectively. If in these groups, the captain and the youngest players are not included, and the captain is eleven years older than the youngest player, what is the age of the captain?**

(a) 33 years   (b) 34 years   (c) 35 years   (d) 36 years

19. **The average of 5 numbers is 7. When 3 new numbers are added, the average of the eight numbers is 8.5. the average of three new numbers is:**

(a) 11   (b) 7.75   (c) 8.5   (d) 7

20. **The average salary per month of 30 employees in a company is Rs. 4000. If the manager's salary is added, the average salary increases to Rs. 4300, what is the salary of the manager?**

(a) Rs. 10, 000   (b) Rs. 13, 000   (c) Rs. 12, 000   (d) Rs. 13, 300

Answers to the above questions

Questions no.	Answers
1.	(d)
2.	(c)
3.	(c)
4.	(d)
5.	(d)
6.	(d)
7.	(d)
8.	(c)
9.	(c)
10.	(d)
11.	(a)
12.	(b)
13.	(a)
14.	(c)
15.	(c)
16.	(c)

17.	(b)
18.	(c)
19.	(a)
20.	(d)