

AVERAGE

- Q.1. The average weight of 8 men is increased by 1.5 kg when one of the men who weighs 65 kg is replaced by a new man. The weight of the new man is:
(a) 76kg (b) 76.5kg (c) 76.5kg (d) 77kg
- Q.2. The average weight of 9 mangoes increases by 20 g if one of them weighing 120 g is replaced by another. The weight of the new mango is:
(a) 180g (b) 200g (c) 260g (d) 300g
- Q.3. The average weight of 6 men decreases by 3 kg when one of them weighing 80 kg is replaced by a new man. The weight of the new man is:
(a) 56kg (b) 58kg (c) 62 kg (d) 76 kg
- Q.4. The average of 5 consecutive numbers is n . If the next two numbers are also included, the average will
(a) Increase by 1 (b) remain the same (c) increase by 1.4 (d) increase by 2
- Q.5. 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 yrs. (b) 38 yrs. (c) 36 yrs. (d) 35 yrs.
- Q.6. A cricketer has a certain average for 9 innings. In the tenth inning, he scores 100 runs, thereby increasing his average by 8 runs. His new average is:
(a) 20 runs (b) 24 runs (c) 28 runs (d) 32 runs
- Q.7. The mean temperature of Monday to Wednesday was 37°C and of Tuesday to Thursday was 34°C . If the temperature on Thursday was that of Monday, the temperature on Thursday was :
(a) 36.5°C (b) 36°C (c) 35.5°C (d) 34°C
- Q.8. A team of 8 persons joins in a shooting competition. The best marksman scored 85 points. If he had scored 92 point, 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
- Q.9. The average weight of 3 men A, B and C is 84 kg. Another man D joins the group and the average now becomes 80kg. 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) 70kg (b) 72kg (c) 75kg (d) 80kg
- Q.10. 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) 2yrs. (b) 2.4yrs. (c) 3 yrs. (d) 1.5 yrs.
- Q.11. Three years ago, the average age of A, B and C was 27 years and that of B and C, 25 years. A's present age is :
(a) 30 yrs (b) 34 yrs (c) 40 yrs (d) 48 yrs
- Q.12. 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 yrs. (b) 40 yrs. (c) 45 yrs. (d) 64 yrs.
- Q.13. 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 yrs. (b) 40 yrs. (c) 30 yrs. (d) 50 yrs.

- Q.14. The average age of boys in the class is twice the number of girls in the class. If the ratio of boys and girls in the class of 36 be 5:1, what is the total of the ages (in years) of the boys in the class?
(a) 490 (b) 196 (c) 420 (d) 360
- Q.15. After replacing an old member by a new member, it was found that the average age of five members of a club is the same as it was 3 years ago. What is the difference between the ages of the replaced and the new member?
(a) 15 yrs. (b) 8 yrs. (c) 4 yrs. (d) 2 yrs.
- Q.16. The average age of a class is 15.8 years. The average age of the boys in the class is 16.4 yrs. 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
- Q.17. The average age of 30 students is 9 years. If the age of their teacher is included, it becomes 10 years. The age of the teacher (in years)
(a) 27 (b) 31 (c) 35 (d) 40
- Q.18. The average age of 24 boys and the teacher is 15 years. When the teacher's age is excluded, the average decreases by 1. What is the age of the teacher?
(a) 38 (b) 39 (c) 40 (d) Data inadequate
- Q.19. The average weight of 50 balls is 2 lbs. If the weight of the container be included, the average weight will increase by 0.05 lbs. The weight of the container is:
(a) 4.55 lbs. (b) 2.2 lbs. (c) 2.3 lbs. (d) 2.5 lbs.
- Q.20. 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 students is :
(a) 22 kg (b) 21.6 kg (c) 22.3 kg (d) 21 kg

ANSWER KEY

1	D
2	D
3	C
4	A
5	B
6	B
7	B
8	B
9	C
10	A
11	B
12	C
13	C
14	C
15	A
16	D
17	D
18	B
19	A
20	A