AVERAGE-3_CSAT_QUESTIONS

1. A class starts at 11:00 am and lasts till 2:27 pm. Four periods of equal duration are held during this interval. After every period, a rest of 5 minutes is given to the students. The exact duration of each period is:
(a) 48 minutes   (b) 50 minutes
(c) 51 minutes   (d) 53 minutes
CSAT 2014

2. In aid of charity, every student in a class contributes as many rupees as the number of students in that class. With the additional contribution of Rs. 2 by one student only, the total collection is Rs 443. Then how many students are there in the class?
(a) 12   (b) 21
(c) 43   (d) 45
CSAT 2016

3. The monthly average salary paid to all the employees of a company was Rs. 5000. The monthly average salary paid to male and female employees was Rs. 5200 and Rs. 4200 respectively. Then the percentage of males employed in the company is:
(a) 75%   (b) 80%
(c) 85%   (d) 90%
CSAT 2016

4. The sum of the ages of 5 members comprising a family, 3 years ago was 80 years. The average age of the family today is the same as it was 3 years ago, because of an addition of a baby during the intervening period. How old is the baby?
(a) 6 months
(b) 1 year
(c) 2 years
(d) 2 years and 6 months
CSAT 2016

5. The average monthly income of a person in a certain family of 5 is Rs. 10,000. What will be the average monthly income of a person in the same family if the income of one person increased by Rs. 1,20,000 per year?
(a) Rs. 12,000   (b) Rs. 16,000
(c) Rs. 20,000   (d) Rs. 34,000
CSAT 2016

6. Suppose the average weight of 9 persons is 50 kg. The average weight of the first 5 persons is 45 kg, whereas the average weight of the last 5 persons is 55 kg. Then the weight of the 5th person will be
(a) 45 kg   (b) 47.5 kg
(c) 50 kg   (d) 52.5 kg
CSAT 2017

7. The average rainfall in a city for the first four days was recorded to be 0.40 inch. The rainfall on the last two days was in the ratio of 4 : 3. The average of six days was 0.50 inch. What was the rainfall on the fifth day?
(a) 0.60 inch   (b) 0.70 inch
(c) 0.80 inch   (d) 0.90 inch
CSAT 2017

8. The average marks of 100 students are given to be 40. It was found later that marks of one student were 53 which were misread as 83. The corrected mean marks are
(a) 39   (b) 39.7
(c) 40   (d) 40.3
CSAT 2019

9. A family has two children along with their parents. The average of the weights of the children and their mother is 50 kg. The average of the weights of the children and their father is 52 kg. If the weight of the father is 60 kg, then what is the weight of the mother?
(a) 48 kg   (b) 50kg
(c) 52 kg   (d) 54 kg
CSAT 2019

10. Sunita cuts a sheet of paper into three pieces. Length of first piece is equal to the average of the three single digit odd prime numbers. Length of the second piece is equal to that of the first plus one-third the length of the third. The third piece is as long as the other two pieces together. The length of the original sheet of paper is
(a) 13 units   (b) 15 units
(c) 16 units   (d) 30 units
CSAT 2019

11. The average age of teacher and three students is 20 years. If all three students are of same age and the difference between the age of the teacher and each student is 20 years, then what is the age of the teacher?

(a) 25 years   (b) 30 years

(c) 35 years   (d) 45 years

CSAT 2020

12. Consider the following data:

	Average marks in English	Average marks in Hindi
Girls	9	8
Boys	8	7
Overall average marks	8.8	X

What is the value of x in the above table?

(a) 7.8   (b) 7.6

(c) 7.4   (d) 7.2

CSAT 2021

13. The average score of a batsman after his 50th innings was 46.4. After 60th innings, his average score increases by 2.6. What was his average score in the last ten innings?

(a) 122   (b) 91

(c) 62   (d) 49

CSAT 2021

14. In a class, there are three groups A, B and C. If one student from group A and two students from group B are shifted to group C, then what happens to the average weight of the students of the class?

(a) It increases.

(b) It decreases.

(c) It remains the same.

(d) No conclusion can be drawn due to insufficient data.

CSAT 2021