

WANDOOR GANITHAM - S S L C LAST BELL 2021

1121E

FOCUS AREA - STATISTICS

1. The marks obtained by 10 students in maths exam are given below .

36 , 38 , 40 , 50 , 44 , 34 , 42 , 48 , 46 , 32

What is the mean mark ? (1)

2. The number of pictures drawn by the arts club members of a school are given below .

15 , 39 , 30 , 42 , 27 , 33 , 24 , 18 , 36 , 21 , 45

What is the mean of the number of pictures ? (1)

3. The number of candies sold in a week from a shop are given below .

200 , 230 , 260, 250 , 300 , 270, 240

a) What is the mean of number of candies ?

b) What is the median of number of candies ? (3)

5. The weights of some children in a cricket club are given (in kilograms) below .

42 , 33 , 44 , 30 , 38 , 31 , 45 , 35 , 32 , 40

a) What is the mean weight ?

b) What is the median weight ? (3)

4. 63 households in a neighbourhood are sorted according to their monthly income in the table below .

Monthly income (Rs)	Number of households
5000	8
6000	10
7000	15
8000	13
9000	10
10000	7

a) If the households are arranged in increasing order of monthly income , the monthly income of the household at what position is taken as the median ?

b) If the households are arranged in increasing order of monthly income , what is the monthly income of the household at the 19th position ?

c) Find the median of the monthly income ? (4)

5. The table below shows the workers in a factory sorted according to their daily wages .

Daily wages (Rs)	Number of workers
700	6
800	9
900	10
1000	8
1100	5

a) If the workers are arranged in increasing order of daily wages , half the sum of the daily wage of the workers at what positions are taken as the median ?

b) If the workers are arranged in increasing order of daily wages , what is the daily wage of the worker at the 16th position ?

c) Find the median daily wage ? (4)