

CHAPTER 21

MEAN, MEDIAN AND MODE OF UNGROUPED DATA

More Questions for Practice

1. In a Mathematics test given to 15 students, the following marks (out of 100) are recorded:
41, 39, 48, 52, 46, 62, 52, 96, 52, 90, 52, 72, 76, 80

Find the mean and median of this data.

2. The table given below indicates the number of workers of different categories and their daily wages?

Category	A	B	C	D	E	F	G
Wages in ₹ per day (x)	50	60	70	80	90	100	110
Number of Workers (f)	2	4	8	12	10	6	8

Calculate the mean and mode wages, correct to the nearest rupee.

3. The Mathematics test scores of 10 students are recorded as shown:

8, 9, 10, 10, 3, 5, 7, 10, 6, and 1

(a) Find the mean, median and mode of this data.

(b) If 2 students each with the test score 6 are added, what will be the new mean, median and mode?

4. Five persons spent 10 hours, 13 hours, 20 hours, 7 hours and 15 hours in doing some social work in a community.

Find the mean time (in hours) devoted by them in doing social work.

ANSWERS

1. Mean = 60.13; Median = 52; Mode = 52
2. Mean wage = ₹ 84.80; Mode wage = ₹ 80
3. (a) Mean = 6.9; Median = 7.5; Mode = 10
(b) Mean = 6.75; Median = 6.5; Mode = 6 and 10
4. 13 hours.