ACADEMIC YEAR 2022-23

Worksheet No. 1 Subject:MATHEMATICS

Grade: VII CH:DATA HANDLING

- 1. Find the mean of first six multiples of 5.
- 2. Find the median of first 15 odd numbers.
- 3. Find the mode of the following data:

12, 14, 12, 16, 15, 13, 14, 18, 19, 12, 14, 15, 16, 15, 16, 16, 15,

17, 13, 16, 16, 15, 15, 13, 15, 17, 15, 14, 15, 13, 15, 14

4. The scores in mathematics test (out of 25) of 15 students is as follows: 19,

25, 23, 20, 9, 20, 15, 10, 5, 16, 25, 20, 24, 12, 20

Find the mode and median of this data. Are they same?

5. The heights of 10 girls were measured in cm and the results are as follows:

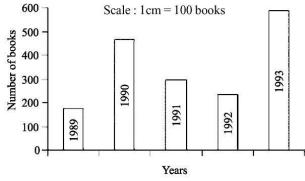
135, 150, 139, 128, 151, 132, 146, 149, 143, 141.

- (i) What is the height of the tallest girl?
 - (ii) What is the height of the shortest girl?
 - (iii) What is the range of the data?
 - (iv) What is the mean height of the girls?
 - (v) How many girls have heights more than the mean height.
- 6. Following data gives total marks (out of 600) obtained by six children of a particular class.

Represent the data on a bar graph.

<u>Students</u>	Ajay	Bali	Dipti	Geetika	Hari	Faiyaz
Marks Obtained	450	500	300	360	400	540

7. Read the following bar graph which shows the number of books sold by a bookstore during five consecutive



years and answer the question given bellow (Q3-Q8)

- 1. How many books were sold in 1989?
 - (a) 100
- b. 200
- c. 300
- d. 600

- 2. In which year were 400 books sold?
 - a. 1990
- b. 1991
- c. 1993
- d. 1989

- 3. In which year were fewer than 200 books sold?
 - a. 1989
- b. 1991
- c. 1993
- d. 1992
- 4. What will be the difference of number of books sold in 1993 and 1990?
 - a. 600
- b. 200
- c. 400
- d. 100