



ST. MARY'S CO-ED SCHOOL, HARDA

[2020-21]

CLASS- VI

SUBJECT- MATHS

CHAPTER- 22

DATA HANDLING.

EXERCISE- 22.

1. Define the terms:

- (i) Data
- (ii) Raw data
- (iii) Array
- (iv) Tabulation of data
- (v) Observations
- (vi) Frequency of an observation
- (vii) Statistics

Answers:- (i) Data: Information in the form of numerical figures is called a data.

(ii) Raw data: Data obtained in the original form is called raw data.

(iii) Array: Arranging the numerical figures in an ascending or a descending order is called an array

(iv) Tabulation of data: Arranging the data in a systematic form in the form of a table is called tabulation of the data.

(v) Observations: Each numerical figure in a data is called an observation.

(vi) Frequency of an observation: The number of times a particular observation occurs is called its frequency.

(vii) Statistics: It is the science which deals with the collection, presentation, analysis and interpretation of numerical data

2. The number of children in 25 families of a colony are given below:

2, 0, 2, 4, 2, 1, 3, 3, 1, 0, 2, 3, 4, 3, 1, 1, 1, 2, 2, 3, 2, 4, 1, 2, 2.

Represent the above data in the form of a frequency distribution table.

Solution:-

Observation	Tally Marks	Number of Children
0	II	2
1	III	6
2	III	9
3	III	5
4	III	3
Total Number of families		25

3. The sale of shoes of various sizes at a shop on a particular day is given below:

6, 9, 8, 5, 5, 4, 9, 8, 5, 6, 9, 9, 7, 8, 9, 7, 6, 9, 8, 6, 7, 5, 8, 9, 4, 5, 8, 7.

Represent the above data in the form of a frequency distribution table.

Solution:-

Observation	Tally Marks	Number of Shoes
4	II	2
5	III	5
6	III	4
7	III	4
8	III	6
9	III	7

6. Fill in the blanks:

1. Data means information in the form of **Numerical figures.**
2. Data obtained in the **original** form is called raw data
3. Arranging the numerical figures in the ascending or a descending order is called an **array.**
4. The number of times a particular observation occurs is called its **frequency.**
5. Arranging the data in the form of a table is called **tabulation.**