



# ASSIGNMENT-8



Marks Obtained: \_\_\_\_\_

Student's Name: \_\_\_\_\_ Section: \_\_\_\_\_

Roll Number: \_\_\_\_\_ Date: \_\_\_\_\_

### A. Fill in the blanks.

1. The numerical information collected for analysis is called .....
2. A ..... is a way of representing data using symbols or images.
3. In a bar graph, the ..... of each bar represents the corresponding value.
4. A tally mark group of five consists of four ..... lines and one diagonal line crossing them.
5. Data that is collected from published sources like books and newspapers is called ..... data.

### B. Label True or False.

1. Representation of data using rectangles of uniform width and equal spacing between them is called pictograph. ....
2. Data collected through a questionnaire or interviewer is considered primary data. ....
3. A bar graph can only be drawn with vertical bars, not horizontal bars. ....
4. Tally marks are useful for recording and counting large numbers quickly. ....
5. Primary data collection is generally more time consuming than secondary data collection. ....

### C. Do as directed.

1. The favourite fruit choices of 30 students are as follows:  
Apple, Banana, Orange, Apple, Grapes, Banana, Mango, Apple, Orange, Banana, Mango, Grapes, Apple, Orange, Mango, Banana, Apple, Mango, Grapes, Banana, Orange, Mango, Apple, Grapes, Apple, Orange, Mango, Apple, Banana, Grapes.  
(a) Prepare a table to organise the above collected data using tally marks.  
(b) Which fruit is the most preferred among the students?
2. The number of books read by the students of Class 6 over six months is given below:

Month	Class 6
January	15
February	20
March	18
April	25
May	22
June	30

- (a) Draw a bar graph to represent the given data.
- (b) In which month did the class read the most numbers of books?
- (c) In which month did the class read the least number of books?