

Maths-7

Chapter 13: Data Handling –Worksheet

A. Multiple Choice Questions (MCQs)

- 1. Data arranged in ascending or descending order is called:**
A) Raw data B) Grouped data C) Array D) Table
- 2. The number that appears most frequently in a data set is called:**
A) Mean B) Median C) Mode D) Range
- 3. Difference between highest and lowest value in data is:**
A) Mode B) Median C) Mean D) Range
- 4. A bar graph is used to represent:**
A) Words B) Numbers only C) Categorical data D) Shapes
- 5. Average of data is called:**
A) Mode B) Mean C) Median D) Array

B. Fill in the Blanks

1. Information collected is called _____.
2. The middle value in arranged data is called _____.
3. Bar graphs use _____ to represent data.
4. Mode is the value that occurs the _____.
5. Mean = Sum of observations \div _____ of observations.

C. Short Answer Questions

1. Find the range of: 5, 12, 18, 7, 25, 10.
2. Find the mode of: 3, 5, 7, 3, 9, 2, 3.
3. Find the median of: 12, 5, 9, 15, 20.
4. Define a bar graph.
5. Write any two advantages of representing data in tables.

D. Application-Based Questions

1. The marks of 6 students are: 12, 15, 20, 18, 15, 10. Find the mean.
2. A shop sold 20, 35, 30, 25 and 40 packets of biscuits from Monday to Friday. Find the mode.
3. Heights (in cm) of students are: 130, 145, 150, 140, 150, 135. Find the range and mode.
4. The monthly rainfall (in mm) in a city is: 80, 120, 60, 100, 140. Represent using a bar graph (describe).
5. The ages of players are: 14, 16, 15, 14, 17, 14. Find the median.