

## Chapter 3 (Data Handling) Practice.

1) Ashish studies for 4 hours, 5 hours and 3 hours on three consecutive days. How many hours does he study daily on an average?

2) A batsman scored the following number of runs in six innings:  
36, 35, 50, 46, 60, 55  
Calculate the mean runs scored by him in an innings.

3) The ages in years of 10 teachers of a school are:  
32, 41, 28, 54, 35, 26, 23, 33, 38, 40.

i) What is the age of the oldest and youngest teacher?

ii) What is the range of the ages of the teachers?

iii) What is their mean age of these teachers?

4) Find the mode of the given set of numbers:  
1, 1, 2, 4, 3, 2, 1, 2, 2, 4

5) Following are the margins of victory in the football matches of a league.

1, 3, 2, 5, 1, 4, 6, 2, 5, 2, 2, 2, 4, 1, 2, 3, 1, 1, 2, 3, 2,  
6, 4, 3, 2, 1, 1, 4, 2, 1, 5, 3, 3, 2, 3, 2, 4, 2, 1, 2

Find the mode of this data.

6. Find the mode of the numbers: 2, 2, 2, 3, 3, 4, 5, 5, 6, 6, 8

7. Find the median of the data: 24, 36, 46, 17, 18, 25, 35

8) favourite colour :	Red	Green	Blue	Yellow	Orange
No. of students :	43	19	55	49	34

Draw bar graph for this data.

9) Following data gives total marks (out of 600) obtained by six children of a particular class. Represent the data on a bar graph.

Students :	Ajay	Beli	Dipti	Faiyaz	Geta	Hari
Marks obtained :	450	500	300	360	400	540

10) Draw double bar graph for below data :

Student :	Ashish	Arun	Kanish	Maya	Rita
Quarterly :	10	15	12	20	9
Half-Yearly :	15	18	16	21	15
(marks)					

11) Find the probability of getting a prime number when a die is thrown?

12) The ages of 9 students are :

18, 19, 19, 16, 19, 18, 19, 15, 19 (in years)

Find the mean, median and mode.

13) The number of boys and girls in the various clubs of a school are given below:

Name of club :	Debate	Hindi	Math	Music	Drama
No. of Girls :	35	20	50	40	45
No. of Boys :	25	15	70	35	45

Draw a double bar graph to represent the above data and answer the following:

- What information does the double bar graph give?
- Which club is the most popular club among boys?

14) A die is thrown once. What is the probability of getting a number which is multiple of 3?

15) The height (in cm) of 8 boys of a group are:  
128, 143, 151, 140, 135, 149, 150, 132.

What is the mean height of the boys?

16) The following data shows the number of two different types of different drinks sold by a juice seller during a festival week. Draw a double bar graph.

Day	Strawberry drink	Chocolate drink
Monday	120	125
Tuesday	40	50
Wednesday	50	60
Thursday	80	100
Friday	100	60
Saturday	90	120