Practical - I

1. The annual sales (in lakh of Rs.) of a pharmaceutical firm for six years (1995-2000) are given below. Represent the data using bar chart.

Year	Annual Sales
1995	15.0
1996	25.0
1997	27.0
1998	28.0
1999	26.0
2000	26.6

2. A group of 25 people was surveyed to find their soft drink preferences. The categories of soft drink used in the survey were (1) Limca (2) Coca-cola (3) Pepsi (4) Fanta. The data are- 3,4,1,1,3,4,3,3,1,3,2,1,2,1,2,3,2,3,1,1,1,1,4,3,1. Represent the data by

   (a) bar plot of frequencies

   (b) bar plot of proportion.

3. The tax revenue of India (in crore of Rs.) as provided in 1984-1985 budget, when broken into various sources are given below. Represent the data using a Pie chart.

Sources	Tax Revenue
Excise	6526
Customs	7108
Corporation	2568
Income	560
Other	763

4. Simulate 100 rolls of die and prepare a frequency table.

5. Suppose the following data relate to marks in a test on Mathematics of 50 students in a college. Construct a frequency distribution with the help of following data.
42,37,46,48,63,64,63,53,57,55,72,55,54,33,48,56,34,77,65,58,47,59,44,35,75,40,45,56,55,65,
48,56,52,53,34,42,58,65,43,54,46,57,62,58,53,43,47,54,60,48

6. Four similar coins are tossed 100 times. The number of heads (X) in each of the 100 tosses was noted. Following is the frequency table of number of heads in 100 tosses of 4 coins. Prepare a spike chart.

X	f
0	6
1	28
2	36
3	25
4	5