

I. Short Answer Type Questions-I

1. The number of floors in different buildings in a city are as follows:

Building	A	B	C	D
Floors	25	19	15	21

Draw a bar graph. Which two buildings are represented by tallest and shortest bars in the graph?

2. The pass percentage of students of Class IX of a school for 5 consecutive years is shown below:

Years	2004	2005	2006	2007	2008
Pass percentage	70	62	76	85	58

Draw a bar graph (use graph sheet) to represent the above data.

II. Short Answer Type Questions-II

3. The following data on the number of girls (to the nearest ten) per thousand boys in different sections of Indian society is given below:

Section	Number of girls per thousand boys
Scheduled Caste (SC)	940
Scheduled Tribe (ST)	970
Non SC/ST	920
Backward districts	950
Non-backward districts	920
Rural	930
Urban	910

(i) Represent the information given above by a bar graph.

(ii) In the classroom, discuss what conclusions can be arrived at from the graph?

4. Given below is the data of school going students (boys and girls).

Mode of transport	School bus	Walking	Bicycle	Other vehicles
Number of girls	100	42	35	120
Number of boys	64	90	130	86

Draw a bar graph to represent the above data.

III. Long Answer Type Questions

5. Draw a histogram for the following data:

Marks	0-10	10-20	20-30	30-40	40-50	50-60	60-70	70-80
Number of students	6	14	18	20	22	16	10	4

6. Draw a histogram for the following data:

X	10-15	15-20	20-25	25-30	30-40	40-60	60-80
F	7	9	8	5	12	12	6

7. The following is the distribution of weights (in kg) of 50 persons:

<i>Weights (in kg)</i>	<i>Number of persons</i>
50-55	12
55-60	10
60-65	9
65-70	7
70-75	5
75-80	7

Draw a histogram for the above data.

8. Draw a histogram for the following data:

<i>Class interval</i>	<i>Frequency</i>
10-14	300
15-19	980
20-24	800
25-29	600
30-34	300
35-39	430
40-44	530