

# J S U N I L T U T O R I A L

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**M.M.25**

**Ch. Statistics class IX**

**Time 1hour**

**Section A 1 mark each**

1. Define primary data.
2. Find range of following data 5, 7, 11, 19, 0, 3, 4, 6 and 25
3. Find mode of 2, 3, 4, 2, 5, 6, 2, 7, 8, 2, and 10.

**Section B 2 marks each**

4. 7 people were asked about the time in a week they spend in doing social work in their community. They said 10, 7, 13, 20, 30, 8 and 15 hours, respectively. Find the mean (or average) time in a week devoted by them for social work.
5. The heights (in cm) of 12 students of a class are as follows:  
155 160 145 149 150 147 152 144 148, 150,155, 95 Find the median of this data.

**Section C 3 marks each**

6. The marks obtained by 40 students in mathematics out of 40 are given below  
5, 3, 10, 20, 25, 11, 1, 3, 7, 12, 31, 19, 10, 12, 17, 18, 11, 32, 17, 16, 2, 7, 9, 7, 8, 3, 5, 12, 15, 1, 12, 14, 2, 9, 6, 15, 15, 7, 6, 12  
Construct a grouped frequency distribution table. Find (a) no. of students passing if pass percent is 40.. (b)No. of students getting above 80
7. Draw a bar graph from the following data

Team	A	B	C	D	E	F
Matches won	69	80	75	35	60	20

**Section D 6 marks each**

8. Draw a histogram from following data

Class Intervals	0 - 10	10 - 20	20 - 30	30 - 40	40 - 50	50 - 60
Frequency	5	7	9	10	11	8

9. Draw a frequency polygon from following data

Class Intervals	0 - 10	10 - 20	20 - 30	30 - 40	40 - 50	50 - 60
Frequency	7	8	10	20	30	12