

1. Discuss in details parts of table.
2. What are different types of classification illustrate by suitable examples.
3. What are the methods of collecting primary data? Explain in Details.
4. If the class mid-value points in a frequency distribution of age of a group of persons are 25, 32, 39, 46, 53, 60. Then find
  - (a) The size of the class interval
  - (b) The class Boundaries.
5. State the formula of Median for continuous frequency distribution and give the merits and demerits of Median.
6. The mean of the marks secured by 25 students of section -A of BCA is 47 and that of 35 students of section B is 51. Find the mean marks obtained by 60 students of BCA class?

6. Draw the simple bar diagram for the data on enrolment of students in science faculty of Gujarat University during the year 2001 to 2007

Year	2001	2002	2003	2004	2005	2006	2007
enrolment	2400	2950	3600	4600	5500	6000	4000

7. A family's weekly expenditure on its house mortgage, food & fuel is as follows:

Expenses	Mortgage	Food	Fuel
\$	300	225	75

8. Calculate the harmonic mean of 40, 45, 30, 35, 55, 65, 37, 42.

9. Calculate mean, median,  $Q_1$  &  $Q_3$  for the following data.

5 persons	get less than	Rs. 5
12 persons	get less than	Rs. 10
22 persons	get less than	Rs. 15
30 persons	get less than	Rs. 20
36 persons	get less than	Rs. 25
40 persons	get less than	Rs. 30.

10. For the following data on marks by 80 students, find mean, median, mode,  $Q_1$ ,  $P_{45}$ .

Marks	0-10	10-20	20-30	30-40	40-50	50-60
No. of students	8	15	22	20	10	5