GLS University

FCAIT- BCA

SEM-III

SDA

Assignment 1

1	The following frequency distribution shows the number of days of Confinement of patients after delivery. Find the mean days of Confinement.

Days of confinement(x)	6	7	8	9	10
No. Of patients(f)	7	6	6	4	2

2	Compute the arithmetic mean for the following data:

Resistance (in ohms)	20.5-20.9	21.0-21.4	21.5-21.9	22.0-22.4	22.5-22.9	23.0-23.4
No. Of Resistance	3	10	11	13	9	2

3	The following figures show incubation periods of 9 polio cases. Find the median of the data. 23,19,21,17,22,18,20,24,16.

4	Compute the median for the following frequency distribution.

Class limits	0-30	30-60	60-90	90-120	120-150	150-180
Frequency	8	13	22	27	18	7

5	Find median from the following distribution:

Age(year):	20	19	18	17	16	15	14	13	12	11
No. Of students:	1	2	4	8	11	10	7	4	2	1

6	Compute the mode of the heights of 15 students. The heights are given by

61,62,63,61,63,64,64,64,65,63,64,65,66,64

7	Find mode for the following data:

x	1	2	3	4	5	6	7
f	7	12	21	27	19	11	3

8	Following data show particle size distribution of liquid paraffin Emulsion. Calculate the mode.

Particle size(microns)	1-30	31-60	61-90	91-120	121-150	151-180
Frequency	8	13	25	29	18	7