B.A. Degree Examinations Even Semester 2021
I Year I Semester
Statistics for Economists-I

Max Marks: 25

Answer any Five questions   (5 * 5 = 25)

1. State the Functions and Limitations of Statistics.
2. Explain briefly about the various sources of collecting Primary and Secondary data.
3. Construct a histogram and frequency curve for the following frequency distribution.

Weights (in kg)	41-45	46-50	51-55	56-60	61-65	66-70	71-75	76-80
Number of men	4	5	9	6	11	5	7	3

4. Compute median from the following data:

Mid values	115	125	135	145	155	165	175	185	195
Frequency	6	25	48	72	116	60	38	22	3

5. Find the standard deviation for the following data giving wages of 220 persons.

Wages in (Rs.)	No.of persons
70-80	12
80-90	18
90-100	35
100-110	42
110-120	50
120-130	45
130-140	20
140-150	8

6. Represent the following data by a pie diagram.

Items	Expenditure (in Rs.)
Food	87
Clothing	24
Recreation	11
Education	13
Rent	25
Miscellaneous	20

7. Describe absolute measures of dispersion and relative measures of dispersion. Discuss their merits and demerits.