B.Com II Year III Semester

BUSSINESS STATISTICS-I

Unit-I

1. Define Statistics? Describe Scope of Stastistics?
2. Explain the Functions of Statistics in detail?
3. Discuss Importance of Statistics in Detail?
4. Explain sources of data (Primary data, Secondary data)? In Detail
5. Explain advantages and disadvantages of Primary and Secondary data?

Unit-II

1. Define Table? Explain the parts of a Table in detail?
2. Explain types of Diagrams with proper examples?
3. Explain the importance of diagrams in pictorial representation of data?
4. Problems on Bar Diagram, Percentage Bar Diagram, and line Diagram
5. Problems on Pie diagram, Explain the Process of preparing a Pie Diagram?

Unit-III

1. Define Measures of Central Tendency? Explain types Of Measures?
2. Calculate Mean for the following information

Class	0-10	10-20	20-30	30-40	40-50	50-60	60-70	70-80
Frequency	5	7	12	6	3	4	10	3

3. Calculate Median for the following data

Class	200-220	220-240	240-260	260-280	280-300	300-320	320-340
Frequency	43	84	92	113	121	142	161

4. Draw a Histogram from the following information

Class	0-10	10-20	20-30	30-40	40-50	50-60
Frequency	16	14	23	17	7	3

5. For the data given below draw 'less than' and 'more than' Ogive Curves

Class	100-200	200-300	300-400	400-500	500-600	600-700	700-800
Frequency	27	20	18	21	16	17	41

6. Find out the missing frequencies from the following

Class	10-20	20-30	30-40	40-50	50-60	60-70	70-80
Frequency	15	20	?	30	?	12	6

If mean=40.08 and N=118

Unit-IV

1. Explain different measures of dispersion?
2. Calculate M.D and Q.D for the

Class	10-20	20-30	30-40	40-50	50-60	60-70	70-80
Frequency	27	20	18	21	16	17	41

3. Calculate Standard Deviation From the Following Data

Class	0-20	20-40	40-60	60-80	80-100	100-120	120-140
Frequency	43	84	92	113	121	142	161

4. Calculate SKP & SKB from the following

Class	0-5	5-10	10-15	15-20	20-25	25-30	30-35
Frequency	12	8	10	20	30	15	25

Unit- V

1. What do you mean by Correlation? Explain importance of Correlation?
2. Find out Correlation form the following data

X	10	12	15	16	20	18	13	14	16	18
Y	12	15	13	18	14	22	12	11	16	17

3. Calculate Coefficient of Correlation from the following information

X	6	4	9	8	7	5	9	7	8
Y	8	7	9	4	3	10	12	8	6

4. Calculate Rank Correlation from the following Information

Judge 1	1	2	3	4	5	6	7	8	9	10
Judge 2	10	9	6	4	8	1	7	2	3	5

5. Calculate Rank Correlation from the following Information

25	30	35	25	20	32	25	40	42	49
18	12	10	10	9	15	16	15	20	18