

B.A Examination Semester IV

Skill Enhancement course

Subject: Economics

Max Marks: 80

Data Analysis

Time Allowed: 3 hrs

Section-A

(Short Answer Type Question)

Note: Attempts all questions. Each question carries 3 marks and should be answered in 70- 80 words.

Q.1 Define secondary data.

Q.2 Give the merits of Median.

Q.3 Define Absolute and Relative measure of Dispersion.

Q.4 What is correlation.

Q.5 Define Graph.

Section-B

(Medium Answer Type Question)

Note: Attempts all questions. Each question carries 37marks and should be answered in 250-300 words.

Q.1 Discuss the various methods of presentation of data.

Q.2 Calculate arithmetic mean from the data.

Marks	0-10	10-20	20-30	30-40	40-50	50-60
Frequency	5	10	25	30	20	10

Q.3 Compute coefficient of quartile deviation from the given data.

Marks	10	20	30	40	50	60
No of Students	4	7	15	8	7	2

Q.4 Discuss in detail the utility of correlation.

Q.5 Give the concept of standard deviation .And also give its merits and demerits.

Section-C

(Long Answer Type Question)

Note: Attempt any two questions. Each question carries 15 marks and should be answered in 500-600 words

Q.1 Distinguish between primary and secondary data. And discuss the various methods of collecting primary Data.

Q.2 From the following data of weight of 122 persons determine the modal weight.

<u>Weight</u>	<u>No. of Person</u>
100-110	4
110-120	6
120-130	20
130-140	32
140-150	33
150-160	17
160-170	8
170-180	2

Q.3 Calculate mean deviation and its coefficient of the two income groups of five and seven persons given below.

Group (I)

Income (in Rs): 4000 4200 4400 4600 4800

Group (II)

Income (in Rs): 3000 4000 4200 4400 4600 4800 5800

Q.4 The following data gives the indices of industrial output of registered unemployed. Calculate of correlation.

Year Index of Production No. of unemployed

1978	100	12
1979	102	15
1980	104	13
1981	107	11
1982	105	12
1983	112	12
1984	103	19
1985	99	26