



# KALIACHAK COLLEGE

Internal Assessment 2021

ECOH-Semester –II

Course Name: Core-4 (A-2.2)

Statistical Method for Economics

Full marks: 14

Group A

1. Answer any one of the following.

2x1 = 2

- a) Define data.
- b) What do you mean by attributes
- c) What is population
- d) What is the Census?
- e) What are the use of arithmetic mean?
- f) What is pie-chart?
- g) What is Standard Deviation?

Group: B

2. Answer any one of the following:.

4x1 = 4

- a) Calculate the Arithmetic mean fro the following data set

Score	No of Students
80-90	4
70-80	11
60-70	28
50-60	20
40-50	15

30-40	11
20-30	6
10-20	3
0-10	2

- b) Write a short note on the measures of Central Tendency.
- c) What are the properties of arithmetic mean?
- d) What do you mean by tabulation? Indicate the features of the good table?
- e) What are the necessities of measuring the dispersion of a data set?
- f) What do you mean by skewness of the data?
- g) What do you mean by relative measures of dispersion?

Group: C

3. Answer any one of the following:.

8x1 = 8

- a) Define Correlation coefficient . Calculate the the correlation coefficient from the following bi-variate data set

Income (£ '000)	Consumption (£'000)
8	7
9	6
6	5
7	5
5	4.5
10	7.5
5	4
8	6.5
9	8

b) What do you mean by regression coefficient? Calculate the regression coefficient from the following data:

X: 10 20 30 40 50 60

Y: 4 12 20 24 32 28

c) Discuss the features of the regression coefficient.