



SUNDARBAN MAHAVIDYALAYA

YEAR: 2020

Examination: Internal Assessment (ECOG)	Semester: Four (IV)
Course: Economic Data Analysis & Report Writing (EDARW)	Paper: SEC-B
Full Marks: 40	Time: 2 Hrs.

General Instruction: The students are informed to send their answer papers to the E-Mail ID of Economics Department (sm.economics.department@gmail.com).

Answer any Two Questions:

1. Briefly describe one diagrammatic method for representing (i) a time series, (ii) distribution of a total among its components, (iii) a frequency distribution of individuals classified according to an attribute.
[5 + 7 + 8 = 20]
2. What is frequency distribution? What considerations should be given in selecting the class intervals while preparing frequency distributions?
[10 + 10 = 20]
3. The index numbers of four commodities were 92, 125, 180 and 80. If the assigned weights are 12, 7, 6 and 9 to these commodities then what are the value of combined arithmetic average index number.
[20]
4. If the variable are increased or decreased (i) by the same amount, (ii) by the same proportion, what will be the effect on standard deviation?
[10 + 10 = 20]
