

SOUTH MALDA COLLEGE

INTERNAL ASSESSMENT 2022

SUBJECT: ECONOMICS GENERAL- SEM VI

PAPER: SEC 4- DATA ANALYSIS

FULL MARKS: 14

TIME 1 HOUR

1. Answer any three questions from the following 2x3=6
- i) Distinguish between primary and secondary data.
 - ii) State three sources of secondary data to study the Indian Economy
 - iii) What do you mean by dispersion of data?
 - iv) Define the relative frequency of a set of data.
 - v) What do you mean by positively skewed data?
 - vi) Write two advantages of median over mean as a measure of central tendency.
2. Answer any two questions from the following 4x2=8
- i) Distinguish between population census and sample survey with example form the facts the Indian economy.
 - ii) Draw a bar chart from the following data set:
Production of wheat (in Million tonnes) in different years:
2015 2016 2017 2018 2019 2020
24 255 260 225 280 295
Explain the figure about the trend in wheat production.
 - iii) Derive mode from the following data representing patients of different diseases in a hospital in the month of May 2022:
Disease: Cardia Renal Neuro Hypertension Surgery Paediatric General
54 32 20 43 35 42 52
Also, comment on the result.
 - iv) Explain the process of linear curve fitting of a data set applying the Least square method. What is its limitations?