

CHANCHAL COLLEGE

HOME ASSIGNMENT(2021)

Semester-II (Honours)

Economics

Statistical Methods for Economics (DC4)

Answer Script Submission E-mail Id- eco.dept.chanchal@gmail.com

Last date of answer script submission: 10/09/2021

Full marks-32

Group-A

1. Objective Type questions(compulsory): 2×4=8

- (a) Name two publications containing primary data in India.
- (b) How does a vertical bar chart differ from Histogram?
- (c) Find the H.M of 1, $\frac{1}{2}$, $\frac{1}{3}$, and $\frac{1}{4}$.
- (d) Simple and weighted arithmetic means are only equal when

Group- B

Answer any **four** questions: 4×4=16

2. Find standard deviation of the numbers 1, 2, 3, 4, 5, 6, 7, 8.
3. What is dispersion ? Define Range.
4. Explain the following terms in brief-
I. Relative frequency
II. Class mark
5. Find the mode of the following distribution:
Marks: 20-29 30-39 40-49 50-59 60-69
Nope of students: 11 07 16 09 07
6. Distinguish between grouped and untroubled frequency distribution.

Group-C

Answer any one question. 8×1=8

7. Draw a histogram of the following data:
Weight (In kg) : 40-44 45-49 50-54 55-59 60-64
Nope of students: 03 10 22 07 08

8. Why is standard deviation considered better measure of dispersion ?