

Gurudas College

Internal Assessment 2021

Semester-III, Paper-CC7

Statistical Methods for Economics

Economics (Honours)

Time: 30 mins

Full Marks: 10

Answer any **Four** Questions:

1 X 4 =4

- 1) Suppose you are collecting the data of height and weight of the students of GURUDAS College for your project, your data set is known as
 - a) Secondary b) tertiary c) primary d) none of the above
- 2) If mean, median and mode are the same, then the distribution is
 - a) Normal, b) abnormal c) difficult to comment
- 3) Price is
 - a) A variable, b) an attribute c) none of the above
- 4) you are in 90th percentile in a competitive exam. That means you scored
 - a) 90%, b) less than 90% c) more than 90% d) none of the above
- 5) The Correlation coefficient lies between
 - a) 1 and 2, b) -1 and +1 c) 0 and 1 d) none of these

Group B

Answer any **Two** questions

3X2=6

1. In a group of 20 males and 5 females, 10 males and 3 females are service holders. What is the probability that a person selected at random from the group is a service holder, given that the selected person is a male?
2. The coefficient of correlation between two variables x and y is 0.28, their covariance is 7.6. If variance of x is 9, then find the s.d. of y.
3. What is an ogive? How would you draw an ogive?