

Sessional Examination, 2022

B.A 3<sup>rd</sup> Semester

Paper : ECO-HC - 3036

Statistical Methods for Economics

Time: 1 hour

Marks : 20

1. Answer the following questions  $1 \times 5 = 5$

a) What is sampling ?

b) what is stratified sampling

c) Mention two methods of random sampling.

d) Probability distribution of statistic is called

i) Sampling                      ii) parameter

iii) Data                        iv) Sampling distribution

e) The third Moment about the mean measures

i) Variance                      ii) Skewness

iii) Kurtosis.                    iv) coefficient of standard deviation

2. Write the following any one answers  $5 \times 1 = 5$

a) Difference between population and sample.

b) Define random variable. Explain the type of random variable.

c) Discuss the principal steps in a sample survey.