

W-417(S)/W-418(S)**B.Sc. (Third Year) (Supplementary) Examination, September-2020****STATISTICS****Paper - I & II****Applied Statistics / SQC and Design of Experiments***Time : Three Hours**Maximum Marks : 40+40=80 (For Regular Students)**Minimum Pass Marks : 33%**Maximum Marks : 50+50=100 (For Private Students)**Minimum Pass Marks : 33%***Note :** Attempt **all** questions.**Section-A**

- Q.1. Describe use of vital Statistic and also write their method of obtaining vital Statistics census method. 13/16
- Q.2. Define central mortality rate also write DUBLIN's model for stable population. 13/17
- Q.3. Index number is an economic barometer. Comment on this statement and explain the utility of Index number. 14/17

Section-B

- Q.4. Define the following terms: 13/16
a) 3- σ Control limits.
b) Tools of SQC.
- Q.5. Define the following terms: 13/17
a) Rectifying inspection plans.
b) Single sampling plan.
- Q.6. Explain Mathematical modes and assumption in one-way classification. 14/17

