## ASSIGNMENT

Subject: Basic Statistics<br>Instructor : Raza Ahmed Khan<br>E.mail : raza.ahmed@inu.edu.pk<br>Assigning Date : 14 ${ }^{\text {th }}$ September, 2020<br>End Date: $\mathbf{2 0}^{\text {th }}$ September, 2020

Attempt all the questions, each question having (5) marks

Q1. Take 100 observations randomly and construct the followings:

- Discrete group frequency Distribution Table
- Contentious Class Boundaries Table

Q2. Find Averages of the above mentioned frequency distribution table:

- Arithmetic Mean
- Geometric Mean
- Harmonic Mean
- Median \& Mode

Q3. Find quartiles of the Discrete Frequency Distribution Table :
Q1, Q2 \& Q3
Q4. Find the followings of the Discrete grouped frequency distribution table

- Range
- Quartile Range
- Semi Inter Quartile Range
- Variance
- Standard Deviation
- Coefficient of Variation

