

# ASSIGNMENT SPRING-2020

Program: B.B.A / MMC

Course Title: BASIC STATISTICS / STATISTICS-I

Dated: 26<sup>th</sup> September ,2020

Instructor: Raza Ahmed Khan

Total marks: 50

## Important Instructions:

- Assignment should be submitted within 4 – Hours.
- Submitted Document's format should be in word, pdf or in jpg.
- No Assignment will be accepted after due date mentioned above.
- Each question carries 12.5 Marks.
- Attempt All Questions

Question No: 01

Find averages (A.M, G.M, H.M) of the following table (s) also justify their logical relationships for the both of sections.

a.

Class interval
0 - 39
40 - 79
80 - 119
120 - 159
160 - 199
200 - 239

b.

Height of Students (in cm.)	Number of students(Frequency)
130-139	19
140-149	42
150-159	35
160-169	78
170-189	26
Total	200

**Question No: 02**

**Find Median & Mode of the following tables also illustrate their results for Question No: 01 (a) & (b)**

**Question No: 03**

- a. Find Semi Quartile Range & Semi Inter Quartile Range of Q2(b)
- b. Find Variance and Co-efficient of variance of Q2(b)

**Question No: 04**

Write down the short notes on the followings:

- Quartile
- Percentile
- Quantile
- Absolute dispersion
- Relative dispersion

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**Best of Luck**