

# ASSIGNMENT SPRING-2020

Program: B.B.A / MMC

Course Title: BASIC STATISTICS / STATISTICS-I

Dated: 27<sup>th</sup> June ,2020

Instructor: Raza Ahmed Khan

Total marks: 50

## Important Instructions:

- Assignment should be submitted within 6 – 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.

a.

Number of children per family	Number of families
1	4
2	13
3	9
4	4
5	1

b.

marks	frequency
0 – 9	2
10 – 19	31
20 – 29	73
30 – 39	85
40 – 49	28

### Question No: 02

Find Median & Mode of the following tables

a.

Number of children per family	Number of families
1	4
2	13
3	9
4	4
5	1

b.

marks	frequency
0 – 9	2
10 – 19	31
20 – 29	73
30 – 39	85
40 – 49	28

**Question No: 03**

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

**Question No: 04**

Write down the short notes on the followings:

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

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**Best of Luck**