

ASSIGNMENT SUMMER-2020

Program: B.B.A / MMC

Course Title: BASIC STATISTICS / STATISTICS-I

Dated: 26th 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.
- Attempt All Questions

Question No: 01

12-MARKS

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

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

14-MARKS

Find Median & Mode of the following tables also illustrate their results.

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

12-MARKS

- 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

12-MARKS

Differentiate the followings with valid examples

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

Best of Luck