**Week 9th Question Bank**

**Course B Com Hons. 2nd sem**

**Sub Business Statistics**

**Code STAT 124-a**

**Faculty Dr. Richa Gaur**

Q.1- Find the mean and standard deviation for the following data :

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| C.I | 0-10 | 10-20 | 20-30 | 30-40 | 40-50 | 50-60 |
| Freq | 7 | 12 | 18 | 14 | 10 | 9 |

Q.2- Calculate the coefficient of correlation between x and y:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| X | 5 | 9 | 13 | 17 | 21 |
| y | 12 | 20 | 25 | 33 | 35 |

Q-3 What are the merits and demerits of Mean and Median.

Q4. Calculate the Quartile deviation for the following data:

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| C.I | 0-10 | 10-20 | 20-30 | 30-40 | 40-50 | 50-60 |
| F | 6 | 10 | 16 | 22 | 18 | 8 |

True and False….

1. We find the positional average by using arithmetic mean.

2.The formula of median for continuous series is Md = L+ (N/2-C)/f . i

3. Mode is the most commonly used measure of central tendancy.

4. In step deviation method d is calculated by x-a.