

**Daffodil International University**  
**Department of Computer Science and Engineering**  
**Teacher's Initial:TKR**  
**64\_N**  
**Course code:STA 101**  
**Marks:5+5+5**

Time: 30 minutes

Total Marks: 15

- a) Education level of 50 workers of a garments factory is presented as follows:

| Education level  | Number of workers |
|------------------|-------------------|
| Graduate         | 2                 |
| Higher Secondary | 3                 |
| Secondary        | 13                |
| Primary          | 7                 |
| No education     | 1                 |

Write the best measure of central tendency for the above table and calculate it.

- b) Monthly screen time(hours) of 9 students are as follows:

70, 55, 63, 69, 50, 59, 62, 56, 57.

Find 1<sup>st</sup> Quartile and 2<sup>nd</sup> Quartile. Interpret your results.

- c) Draw Box and Whisker plot and detect outliers if there is any.