## Sri Lanka Institute of Information Technology



## Lab Submission Worksheet No-09

## IT24103538 Hettiarachchi H P P

**Probability and Statistics - IT2120** 

B.Sc. (Hons) in Information Technology

## Exercise

#Part 02

- 1. Assume that the time taken to bake a batch of cookies is normally distributed with mean 45 minutes and standard deviation 2 minutes.
- i. Generate a random sample of size 25 for the baking time.

ii. Test whether the average baking time is less than 46 minutes at a 5% level of significance.