Siddaganga Institute of Technology, Tumkur
Department of Electronics and Communication
Introduction to Python programming (PLC2) Academic Year: 2024-25

<u>Activity-Based Learning: 1</u>

1. Write a Python program to realize Rock, Paper and Scissor games with a number of wins, losses and draws.
2. Write a Python program to convert temperature from Celsius scale to Fahrenheit scale. (Hint: C=(F-32)*5/9)
3. Develop a program to total size of all the files available in the directory 'C:\Windows\system32.
4. Develop a program to generate 5 different quizzes having 5 multiple choice questions for each quiz in random order which provides the correct answer and three random wrong answers for each question.
5. Develop a program in Python to create a file, copy its content to another file. Count the number of characters and lines in the file.