SILVER OAK UNIVERSITY

College of Computer Application

BCA/BSc (CS/IT)

<u>Semester: 4</u>

Subject: Python Programming

<u>Assignment:2</u>

1. Explain arithmetic operator with example.
2. Explain membership operator with example.
3. Explain identity operator with example.
4. Explain if loop with example.
5. Write a program of print the largest of the three numbers in python.
6. Write a program to check whether a number is even or not.
7. Explain for loop with example.
8. Explain while loop with example. Write a program on sum = 1+2+3+...+n using while loop.
9. How to use pass statement in python?
10. How to declare function in python? Explain with example.
11. Write a program in python to find enter no is even or odd using function.
12. Write a program in python to find Fibonacci series using function.
    (Output like this: 0 1 1 2 3 5 8 13 ….)
13. Write a program to perform pyramid pattern using range() function.
    1
    1 2
    1 2 3
    1 2 3 4
14. Explain recursion with example.
15. What is lambda function? Explain with example.
16. List out the characteristics of the list. How to add and remove element in list explain with example.
17. Explain count () and index () method in tuple.

Date of submission: 17-3-2023