SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY:: PUTTUR
(AUTONOMOUS)
B.Tech IV Year II Semester Regular & Supplementary Examinations July-2021
PYTHON PROGRAMMING
(Computer Science and Engineering)

Time: 3 hours

Max. Marks: 60

(Answer all Five Units **5 x 12 = 60** Marks)

UNIT-I

1	a	Illustrate the history of Python.	L3	6M
	b	List out the features and applications of Python.	L1	6M

OR

2	a	Define Variable and mention rules for choosing names of Variable.	L1	6M
	b	Create a python program to generate the multiplication table based on user input.	L6	6M

UNIT-II

3	a	Express function to do all arithmetic operators with example.	L3	6M
	b	Write a program to demonstrate operation of tuples.	L6	6M

OR

4	a	Write a Python program to find sum of natural numbers.	L3	6M
	b	Discuss the assignment and bitwise operators supported in Python.	L2	6M

UNIT-III

5	a	Create recursive function to find factorial of a number	L6	6M
	b	Illustrate lambda function with example.	L4	6M

OR

6	a	Explain about the import statement in modules.	L2	6M
	b	Illustrate about how to creating new module in python.	L4	6M

UNIT-IV

7	a	What is a Raising Exception with an example?	L1	6M
	b	Elaborate User defined Exception with an example.	L1	6M

OR

8	a	Illustrate the Reference Counting and Garbage Collection.	L1	6M
	b	Comparison between Built-in type and Sequence types in OOP in python.	L2	6M

UNIT-V

9	a	Discuss about Internet access in python.	L3	6M
	b	Discuss about Multi-Threading with suitable example.	L3	6M

OR

10	a	Write about the writing files in python.	L1	6M
	b	Draw Circle in Python using Turtle.	L4	6M

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