Reg. No:

SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY:: PUTTUR
(AUTONOMOUS)
M.Tech I Year I Semester Regular & Supplementary Examinations May/June-2022
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	Explain about the Single-Valued data types in python.	L2	6M
	b	What is Set? Explain set Operations.	L1	6M

OR

2	a	Justify the REPL in python.	L5	4M
	b	Define Variable and mention rules for choosing names of Variable with example.	L1	8M

UNIT-II

3	List different conditional statements in python with appropriate examples.	L1	12M

OR

4	a	Discuss the Membership and Identity operators with example.	L2	6M
	b	Write a python program to find biggest number among three numbers.	L3	6M

UNIT-III

5	a	Define function and explain the types of functions with an example.	L1	6M
	b	Express function to do all arithmetic operations.	L2	6M

OR

6	a	Illustrate lambda function with example.	L3	6M
	b	Discuss about key word arguments with example.	L2	6M

UNIT-IV

7	What is Module in Python? Explain, how can you use Modules in your program explain with an example code.	L5	12M

OR

8	a	Describe the types of namespaces in Python?	L2	6M
	b	Explain about the from import statement in modules.	L5	6M

UNIT-V

9	Describe in detail about Iterators and Generators with an example.	L2	12M

OR

10	a	Illustrate about Command line arguments.	L3	6M
	b	Explain about the reading files in python.	L2	6M

*** END ***