R19

Reg. No:

SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY: PUTTUR
(AUTONOMOUS)
B.Tech I Year II Semester Supplementary Examinations February-2022
PYTHON PROGRAMMING
(Common to ME, CE, EEE and AGE)

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.	6M
	b	What is Indentation? Explain with example.	6M

OR

2	Define Flowchart and explain symbols used in flowchart with example.	12M

UNIT-II

3	Explain in detail about Control flow structures in python.	12M

OR

4	a	Write a python program to print factorial of a given number	6M
	b	Implement Python program to find sum of natural numbers.	6M

UNIT-III

5	a	Differentiate key word and default arguments.	6M
	b	Differentiate global and local variables.	6M

OR

6	a	Write a function to display ASCII Code of entered character.	6M
	b	Describe how an object is passed as parameter to a method.	6M

UNIT-IV

7	a	What are packages? Give an example of package creation in Python.	5M
	b	Write a small code to illustrate try and except statements in Python.	5M
	c	What are modules in Python?	2M

OR

8	a	Describe the any one regular expression.	6M
	b	Explain package installation via pip.	6M

UNIT-V

9	a	Explain about command line arguments.	4M
	b	Explain about reading and writing files in python.	8M

OR

10	Explain about Mathematics function in python.	12M

*** END ***