R19

Reg. No:

SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY:: PUTTUR
(AUTONOMOUS)
B.Tech I Year II Semester Supplementary Examinations July-2021
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	Explain briefly about the Multi-Valued Data types with example.	12M

UNIT-II

3	List various types of operators in Python and write any 4 types of operators.	12M

OR

4	a	Write a Python program to print prime number series up to N.	7M
	b	Write a Python program to Swapping of two numbers with and without using temporary variable.	5M

UNIT-III

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

OR

6	What is inheritance? Illustrate types of inheritance with python code.	12M

UNIT-IV

7	Describe about Handling Exceptions in detail with examples.	12M

OR

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

UNIT-V

9	a	Explain about Python Runtime Services.	6M
	b	Explain about Data Compression.	6M

OR

10	a	Write about map and filter in Python?	6M
	b	Explain about reading and writing files in python.	6M

*** END ***