R19

Reg. No:

SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY:: PUTTUR
(AUTONOMOUS)
B.Tech I Year I Semester Supplementary Examinations November-2020
PYTHON PROGRAMMING
(Common to ECE, CSE & CSIT)

Time: 3 hours   Max. Marks: 60

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

UNIT-I

1	a	What is an algorithm? Explain characteristics of an algorithm.	**4M**
	b	What are the features and applications of Python?	**8M**

OR

2	a	Explain about the Single-Valued data types in python.	**6M**
	b	What is Indentation? Explain with example.	**6M**

UNIT-II

3	a	Write a Python program to print prime number series up to N.	**6M**
	b	Write a Python program to Swapping of two numbers with and without using temporary variable.	**6M**

OR

4	Explain the syntax of the following statements i) for loop ii) while loop iii) if – else iv) if-elif-else	**12M**

UNIT-III

5	a	Define function? Write its syntax.	**3M**
	b	What are formal and actual arguments.	**4M**
	c	Write functions to do all arithmetic operations.	**5M**

OR

6	a	Write a function to display ASCII Code of entered character.	**5M**
	b	Describe how an object is passed as parameter to a method.	**7M**

UNIT-IV

7	a	What is meant by packages? Give an example of package creation in Python.	**5M**
	b	Write a small code to illustrate package in Python.	**7M**

OR

8	What is an Exception? Explain types of exceptions and give an example.	**12M**

UNIT-V

9	Explain in detail about Python Files, its types, functions and operations that can be performed on files with examples.	**12M**

OR

10	a	What is mean by Text File? Explain about reading and writing files in python?	**8M**
	b	What is turtle with an example?	**4M**

*** END ***