Reg. No:

SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY:: PUTTUR
(AUTONOMOUS)
B.Tech IV Year II Semester Advanced Supplementary Examinations October-2020
PYTHON PROGRAMMING
(Computer Science & Engineering)

Time: 3 hours   Max. Marks: 60

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

UNIT-I

1	**a**	What are the features and applications of Python?	**6M**
	b	What is Indentation? Explain with example.	**6M**

OR

2	**a**	Define Variable and mention rules for choosing names of Variable.	**6M**
	b	Implement the python program to calculate total and average marks based on input	**6M**

UNIT-II

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

OR

4	**a**	If the age of Ram, Sam, and Khan are input through the keyboard, write a python program to determine the eldest and youngest of the three.	**6M**
	b	Input the two integer values and operator for performing arithmetic operation through keyboard.	**6M**

UNIT-III

5	**a**	Explain break and continue statement with the help of for loop with an example.	**6M**
	b	What is recursive function? Explain with example.	**6M**

OR

6	**a**	Compare method overloading and overriding.	**6M**
	b	Differentiate global and local variables.	**6M**

UNIT-IV

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

OR

8	**a**	Write a function to return right most digit in the entered number.	**6M**
	b	Compare class and object with python code.	**6M**

UNIT-V

9	Write about Unit Testing in python with an example.	**12M**

OR

10	Explain about Multithreaded Programming in Python with example.	**12M**

*** END ***