Reg. No:

SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY:: PUTTUR
(AUTONOMOUS)
B.Tech IV Year II Semester Advanced Supplementary Examinations September-2021
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 variable assignment with suitable example.	L3	6M
	b	What is data type? List out the data types with example.	L1	6M

OR

2	a	What is an expression in Python? Explain order of evaluation with example.	L1	6M
	b	Implement the python program to calculate total and average marks based on input.	L3	6M

UNIT-II

3	a	Explain the Logical and Bitwise operator with example.	L2	6M
	b	What are formal and actual arguments explain with example?	L1	6M

OR

4	a	Describe the list and its methods with example.	L4	6M
	b	What is dictionary? Explain the methods available in dictionary.	L1	6M

UNIT-III

5	a	Discuss about keyword arguments with example.	L2	6M
	b	Distinguish global and local variables with example.	L4	6M

OR

6	a	Summarize the ways of passing function arguments with example.	L5	6M
	b	Write a small code using try-except-else-finally statement in python.	L3	6M

UNIT-IV

7	a	What are packages? Give an example of package creation in Python.	L3	6M
	b	Create code to illustrate try and except statements in Python.	L6	6M

OR

8	a	Describe the types of variables inside class in OOP.	L1	6M
	b	Write about self-variable with Constructor with example.	L3	6M

UNIT-V

9	a	Illustrate about Python Runtime Services.	L4	6M
	b	Illustrate about Command line arguments.	L4	6M

OR

10	a	Write about Dates and Times.	L3	6M
	b	List out the testing requirement in python.	L1	6M

*** END ***