SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY:: PUTTUR
(AUTONOMOUS)
B.Tech I Year II Semester Supplementary Examinations May/June-2024
PYTHON PROGRAMMING
(Common to CE, EEE, ME & AGE)

Time: 3 Hours   **Max. Marks: 60**

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

UNIT-I

1	a	What is data type? List out the types of data types with example	CO1	L1	6M
	b	Explain variable assignment with suitable example.	CO1	L2	6M

OR

2	a	What is dictionary? Explain the methods available in dictionary.	CO1	L1	6M
	b	Differentiate between the tuple and sets in python	CO1	L2	6M

UNIT-II

3	Outline with an example the assignment and bitwise operators supported in Python.	CO2	L2	12M

OR

4	Explain expressions in python with order of evaluation with example.	CO2	L5	12M

UNIT-III

5	a	Differentiate key word and default arguments	CO3	L4	6M
	b	Differentiate global and local variables	CO3	L4	6M

OR

6	a	Write a function to display ASCII Code of entered character	CO3	L3	5M
	b	Describe how an object is passed as parameter to a method	CO3	L5	7M

UNIT-IV

7	a	What are packages? Give an example of package creation in Python.	CO4	L1	6M
	b	Write a small code to illustrate try and except statements in Python.	CO4	L1	6M

OR

8	a	What is searching? Explain with example program.	CO4	L1	6M
	b	What is matching? Explain with example program	CO4	L2	6M

UNIT-V

9	a	Explain about command line arguments	CO5	L5	6M
	b	Explain about reading and writing files in python	CO5	L5	6M

OR

10	a	Explain about Python Runtime Services	CO5	L5	8M
	b	Explain about Data Compression	CO5	L5	4M

*** END ***