R19

Reg. No:

SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY:: PUTTUR
(AUTONOMOUS)
B.Tech I Year I Semester Regular Examinations January 2020
PYTHON PROGRAMMING
(ECE, CSE & CSIT)

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 an example.	**6M**
	b	Explain variable assignment with suitable example.	**6M**

OR

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

UNIT-II

3	**a**	Write a python program to find the given number is odd or even.	**6M**
	b	Explain break and continue statement with the help of for loop with an example.	**6M**

OR

4		Explain in detail about Control flow structures in python	**12M**

UNIT-III

5	**a**	What is recursive function?	**3M**
	b	Explain lambda function.	**4M**
	c	Write recursive function to find factorial of a number.	**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		What is searching? Explain with an example program.	**12M**

OR

8	**a**	List some few common Exception types and explain when they occur.	**6M**
	b	Differentiate between Raising and User defined exceptions in python.	**6M**

UNIT-V

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

OR

10	**a**	Explain about Data Compression.	**4M**
	b	Explain about Dates and Times.	**8M**

*** END ***