Reg. No:

SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY:: PUTTUR
(AUTONOMOUS)
B.Tech III Year I Semester Supplementary Examinations August-2021
PYTHON PROGRAMMING
(Common to CSE & CSIT)

Time: 3 hours   Max. Marks: 60

PART-A
(Answer all the Questions 5 x 2 = 10 Marks)

1	a	Define REPL.	2M
	b	What does the continue do in Python?	2M
	c	Define Inheritance in Python programming.	2M
	d	List the type of files that could be handled using python file handling.	2M
	e	Difference between read and readline?.	2M

PART-B
(Answer all Five Units 5 x 10 = 50 Marks)

UNIT-I

2	a	Explain variable assignment with suitable example.	5M
	b	What is data type? List out the data types with example.	5M

OR

3	a	Illustrate the input and output statements with example.	5M
	b	What is Indentation? Explain with example.	5M

UNIT-II

4	a	Create a Python program to display Fibonacci series.	5M
	b	Explain break and continue statement with the help of for loop with an example.	5M

OR

5	a	Summarize Control flow structures in python.	5M
	b	Describe Python jump statements with examples.	5M

UNIT-III

6	a	Express function to do all arithmetic operations.	5M
	b	What are formal and actual arguments explain with example.	5M

OR

7	a	What is inheritance? Illustrate types of inheritance with python code.	6M
	b	Illustrate lambda function with example.	4M

UNIT-IV

8	a	Describe about name spacing.	6M
	b	Explain about the import statement in modules.	4M

OR

9	a	Describe about Handling Exceptions in detail with examples.	5M
	b	What is an Raising Exception with an example?	5M

UNIT-V

10	a	Explain in detail about Python Files, its types, functions and operations that can be performed on files with examples.	5M
	b	Illustrate about Command line arguments.	5M

OR

11	a	Discuss about maps in python.	5M
	b	Discuss about filters in python.	5M

END