SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY:: PUTTUR
(AUTONOMOUS)
B.Tech II Year II Semester Regular & Supplementary Examinations August-2023
PYTHON PROGRAMMING
(Common to CSE, CCC, CIC & CSIT)

Time: 3 Hours

Max. Marks: 60

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

UNIT-I

1	a	List out the Features and Applications of Python.	CO1	L2	6M
	b	Write a python program to find total and average marks based on Input.	CO1	L4	6M

OR

2	a	Discriminate about the Multi-Valued Data types with example	CO2	L5	6M
	b	What is Dictionary? Explain the Methods available in Dictionary.	CO2	L1	6M

UNIT-II

3	a	Rate the order of execution of different Expressions by evaluating them through python program.	CO2	L5	6M
	b	Create a python program to generate the multiplication table based on user input.	CO1	L6	6M

OR

4	a	Create a Python program to display Fibonacci series.	CO1	L6	6M
	b	Discuss the basic Tuple Operations with examples.	CO2	L2	6M

UNIT-III

5	a	Narrate Scope of a variable in a function.	CO3	L2	6M
	b	Demonstrate implementation of hierarchical inheritance in Python, with a program.	CO4	L2	6M

OR

6	a	Define Variable-length arguments? Explain with example.	CO3	L1	6M
	b	Illustrate Method Overriding in Python with suitable example.	CO4	L3	6M

UNIT-IV

7	a	Analyze the term: PIP. Explain installing packages via PIP.	CO6	L3	6M
	b	What is a Raising Exception? Explain with an example?	CO4	L1	6M

OR

8		What is package in Python? Explain the use of packages in your program with an example code.	CO6	L3	12M

UNIT-V

9	a	What is Data Management and Object Persistence? Explain in detail.	CO5	L1	6M
	b	Create a Python Program to display the current date and time.	CO5	L6	6M

OR

10		Narrate Python Files, its types, functions and operations that can be performed on files with examples.	CO2	L4	12M

*** END ***

SRISARTH INSTITUTE OF ENGINEERING & TECHNOLOGY, NUZVID
(AUTONOMOUS)
B.Tech II Year II Semester Regular & Supplementary Examinations August-2021
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(Common to CSE, CSC, CIC & CSIT)

Time: 3 Hours

Max. Marks: 60

[Answer all Five Units 5 x 12 = 60 Marks]

UNIT-I

			CO	L	M
1	a	List out the Features and Applications of Python	CO1	L1	6M
	b	Write a python program to find total and average marks based on Input	CO1	L4	6M

OR

| 2 | a | Dis-surface about the Multi-Paced Data types with example | CO2 | L5 | 6M |
| | b | What is Data type? Explain the Relation available in Programs | CO2 | L1 | 6M |

UNIT-II

| 3 | a | Rate the order of execution of different Expressions by evaluating them through python program | CO2 | L5 | 6M |
| | b | Create a python program to generate the multiplication table based on user input | CO1 | L6 | 6M |

OR

| 4 | a | Create a Python program to display Fibonacci series | CO1 | L6 | 6M |
| | b | Discuss the basic logic expressions with examples | CO2 | L2 | 6M |

UNIT-III

| 5 | a | Classify Scope of a variable in a program | CO3 | L2 | 6M |
| | b | Demonstrate implementation of hierarchical inheritance in Python with a program | CO4 | L2 | 6M |

OR

| 6 | a | Define Variable-length argument? Explain with example | CO3 | L1 | 6M |
| | b | Illustrate String Overriding in Python with suitable example | CO4 | L3 | 6M |

UNIT-IV

| 7 | a | Analyse the text. PVF. Explain handling messages in PF | CO4 | L5 | 6M |
| | b | What is a Raising Exception? Explain with an example | CO4 | L1 | 6M |

OR

| 8 | | What is package in Python? Explain the Use of packages in your program with an example code | CO5 | L5 | 12M |

UNIT-V

| 9 | a | What is Data Abstraction and Object Separation? Explain in detail | CO5 | L1 | 6M |
| | b | Create a Python Program to display the current date and time | CO5 | L6 | 6M |

OR

| 10 | | Normalize Python File. List types functions are operations that can be performed on files with examples | CO5 | L4 | 12M |

*** END ***