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SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY:: PUTTUR
(AUTONOMOUS)

B.Tech II Year II Semester Regular Examinations October-2022

PYTHON PROGRAMMING
(Common to CSE, CIC & CSIT)

Time: 3 hours

Max. Marks: 60

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

UNIT-I

- 1 a What is Indentation? Explain with example. L1 6M
b Write a python program to find total and average marks based on Input. L4 6M

OR

- 2 a Explain about the Single-Valued data types in python. L2 6M
b Discriminate about the Multi-Valued Data types with example. L5 6M

UNIT-II

- 3 a Discuss the term: Range Write a for loop that prints numbers from 0 to 20, using range function. L2 6M
b Create a python program to generate the multiplication table based on user input. L6 6M

OR

- 4 a Explain the Bitwise operators with example. L2 6M
b Rate the order of execution of different Expressions by evaluating them through python program. L5 6M

UNIT-III

- 5 a What is Polymorphism? How will you perform Method Overloading? L1 6M
b Illustrate Method Overriding in Python with suitable example. L3 6M

OR

- 6 a Define Variable-length arguments? Explain with example. L1 6M
b Explain about Anonymous and fruitful functions with examples. L2 6M

UNIT-IV

- 7 a Classify Errors and Exception Handling in Python programming. L4 6M
b Express the term: user defined exceptions. L1 6M

OR

- 8 a Describe the types of namespaces in Python. L2 6M
b Explain the from import statement in modules. L5 6M

UNIT-V

- 9 a What is Data Management and Object Persistence? Explain in detail. L1 6M
b Describe the Turtle using python program. L2 6M

OR

- 10 a Discuss the colors and filled shapes in python. L2 6M
b Illustrate Python Runtime Services and Data Compression. L3 6M

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