

SSR DEGREE COLLEGE (AUTONOMOUS) NIZAMABAD
Important Questions
SEM – II
AI/ML –Object Oriented Programming UsinPython

Short Question And Answers

UNITI

- 1) Define **variable** with an example?
- 2) Write about Type conversion ?
- 3) What is an **identifier** in Python?
- 4) What is Python? Write any two features of Python.?

UNIT-II

- 1) What is a function and its Syntax.?
- 2) Difference between set and list?
- 3) What is an exception?
- 4) Write about string creation with example?

UNIT-III

- 1) Types of files in python?
- 2) what is a module?
- 3) what is RegEx in python?
- 4) Difference between binary file and text file

UNIT-IV

- 1) Class and object?
- 2) What is object oriented programming?
- 3) What is class variable and instance variable?
- 4) What is garbage collector

LONG ANSWER QUESTIONS

UNIT-I

1. Explain Different DataTypesInPythonWithExamples.
2. What is looping statement? Explain looping statements with examples?
3. Explain About Decision Control Statements?
4. Explain Different Types Of Operators In Python?

UNIT-II

- 1) What is Dictionary? Explain dictionary creation and its methods?
- 2) What is list? Explain list creation and its operations?
- 3) What is string? Explain string methods with examples?
- 4) Difference between list and tuple ?

UNIT-III

- 1) Explain file methods to read and write data?
- 2) Explain different file modes?
- 3) What is pickle module and explain its functions?
- 4) What is regular expression? why it is used and RefEx functions?

UNIT-IV

- 1) What is constructor method with example program?
- 2) What is inheritance and types of inheritance?
- 3) Write about class and object in python with example program?
- 4) What is polymorphism with example?