

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

Short Question And Answers

UNIT-I

- 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 Data Types In Python With Examples.
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?