

Dr. Shyama Prasad Mukherjee University

M.Sc. IT. Semester – IV

Model Questions

Paper Code: CCMIT 401

Paper Name: PYTHON PROGRAMMING

1. What Exactly is Python? How do you Write code in Python? Explain any one with Details?
2. Explain Standard Data Type in Python? What is the difference between List and Tuples?
3. What is the operator in Python? What is the purpose of is, not and in operators?
4. What are Functions in Python? Write basic steps in user-Defined Function in Python?
5. What is object-oriented Python? Explain `__init__` and self with Example?
6. Explain `string.capitalize()`, `string.casefold()`, `string.expandtabs()`, `string.find()`, `string.index()` methods in Python?
7. What is Python Regular Expression (Regex)? Explain with Details?
8. Explain Python Database API? write a Program to create Table in PyMySQL Database?
9. Explain Math and cmath unit in Details?
10. What is `exec()` in Python? Explain Garbage Collection with Example?