



Maharashtra Education Society
Institute of Management & Career Courses, Pune (Autonomous)
End Term Question Paper

AY 2025-26

Semester: III

Course Code: SC-BA-05

Course Name: Python

Time: 2 hours 30 minutes



Total Marks: 50

Instructions:

- i. All questions are compulsory
- ii. Figures to the right indicate full marks

Question No. 1: Explain list, tuples and dictionaries with suitable examples **[10 Marks]**

Question No. 2: Create a Vehicle class with attributes make and model. Create a Car class that inherits from Vehicle and adds an attribute num_doors. Instantiate a Car object and demonstrate its attributes. **[10 Marks]**

Question No. 3: Solve any Two of below (15 marks each) **[30 Marks]**

- a) Write a multithreading program, where one thread prints square of a number and another thread prints factorial of a number.
- b) Write a program that creates two threads. One thread should print even numbers from 2 to 8 and the other should print odd numbers from 1 to 7.
- c) Write a program to accept an integer number and use try/except to catch the exception if a floating point number is entered.