

IMBA (CSM) (NEP) Sem.-3 Examination

MDC-ICSM-234T

Python Programming

November-2025

Time : 1-00 Hour]

[Max. Marks : 25

Question 1: Answer the following questions:

- i. Explain the different string manipulation methods in Python (upper(), lower(), swapcase(), capitalize()) 5 Marks
- ii. Explain Control structures with example. 5 Marks

OR

- i. Explain Operators in Python with an example. 5 Marks
- ii. Explain the use of conditional statements in Python. Write a program to check whether a number is even or odd. 5 Marks

Question 2: Answer the following questions:

- i. What is Polymorphism ? Explain different types of Polymorphism with an example. 5 Marks
- ii. Explain the Super Keyword with an example. 5 Marks

OR

- i. Write a Python program to delete rows from a MySQL table based on a condition. Explain the execution flow. 5 Marks
- ii. Explain Classes and Objects in Python with an example. 5 Marks

Questions 3: Attempt any five out of six.**5 Marks**

1. Write the SQL command to update data in a MySQL table.
2. Which method in Python retrieves all rows from a MySQL table?
3. What is the use of the fetchall() method in MySQL?
4. What is a recursive function?
5. Which function is used to sort a list?
6. Name a function used to convert strings to uppercase.

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