



Seat No. : \_\_\_\_\_

# DK-103

December-2025

5 Year Int. M.Sc. IT IMS & Cyber Security, Sem.-III

## SEC-236 : Basics of Python Programming

Time : 1:00 Hour]

[Max. Marks : 25

- Instructions :**
- (1) Attempt all questions.
  - (2) Make suitable assumptions wherever necessary.
  - (3) Do not write anything on the question paper.

1. Answer the following questions : (Any **Two**) **10**
  - (A) What is Python ? Write any four features of Python.
  - (B) Write a short note on print() and input() function in python.
  - (C) Differentiate between list and tuple. (any Four points)
  - (D) What is a Python script ? Briefly explain the steps to create and run a Python program.
  
2. Answer the following questions : (Any **Two**) **10**
  - (A) What are keywords in Python ? Write any five Python keywords.
  - (B) What are arithmetic operators in Python ? Write any four with examples.
  - (C) What is a loop ? Differentiate between for loop and while loop.
  - (D) What is a dictionary in Python ? Write any two uses.
  
3. Answer the following questions : (Any **One**) **5**
  - (A) What is a conditional statement ? Explain if-else with a general syntax.
  - (B) What is a function in Python ? Mention two advantages of using functions.