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Total No. of Pages :02

Total No. of Questions : 07

B.Sc.(IT)/BCA (Sem.–3)
PROGRAMMING IN PYTHON

Subject Code :UGCA-1914

M.Code : 78180

Date of Examination : 05-12-2025

Time : 3 Hrs.

Max. Marks : 60

INSTRUCTIONS TO CANDIDATES :

1. SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.
2. SECTION-B contains SIX questions carrying TEN marks each and students have to attempt any FOUR questions.

SECTION-A

1. Write briefly :

- a) Algorithm
- b) Tuple
- c) Lists
- d) Dictionary
- e) Multiline statement
- f) Boolean Value
- g) Expression
- h) Python Interpreter
- i) Selection
- j) Sequence

SECTION-B

2. Explain values and items method used in dictionary with example.
3. What are the basic list operations that can be performed in Python? Explain each operation with its syntax and example.
4. Demonstrate the use of Exception Handling in Python.
5. ***“Are Python strings immutable”?*** Justify your answer.
6. Write Python Program to Calculate Area and Perimeter of different Shapes using Polymorphism.
7. What is a function? What are their types? How to pass arguments in function?

NOTE : Disclosure of Identity by writing Mobile No. or Marking of passing request on any paper of Answer Sheet will lead to UMC against the Student.