

Roll No.

Total No. of Pages : 02

Total No. of Questions : 16

B.Sc. (IT) / BCA (Sem.-3)
PROGRAMMING IN PYTHON
Subject Code : UGCA-1914
M.Code : 78180

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

Write briefly :

- 1) Expression in Python.
- 2) Define Selection.
- 3) Length function on strings.
- 4) Python break statement.
- 5) Numbers in Python.
- 6) Define Multiline statement.
- 7) String upper function.
- 8) Command line arguments.
- 9) Threads in Python.
- 10) Flowchart.

SECTION-B

- 11) How to check whether a given number is Armstrong number or not.
- 12) What is indexing and negative indexing in Tuple?
- 13) Consider a Rectangle Class. Write Python code to Check the Area of the First Rectangle is Greater than Second by Overloading '>' Operator.
- 14) Explain values and items method used in dictionary with example.
- 15) What type of conditional structures are present in a programming language? How many of them are supported in Python? Explain with example.
- 16) Explain in detail about Python Files, its types, functions and operations that can be performed on files with examples.

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.