Roll No. ☐☐☐☐☐☐☐☐☐☐☐☐ 

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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.