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Total No. of Pages : 02

Total No. of Questions : 07

BCA/B.Sc. (IT) (Sem.-3)
PROGRAMMING IN PYTHON
Subject Code : UGCA1914
M.Code : 78180
Date of Examination :18-12-2024

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) Iteration
- b) Pseudo Code
- c) Expression
- d) Define Selection.
- e) Length function on strings
- f) Python break statement
- g) Numbers
- h) Intermediate mode and script mode
- i) String upper function
- j) Threads.

SECTION-B

2. Explain call by value and call by reference.
3. How to check whether a given number is Armstrong number or not?
4. What is indexing and negative indexing in Tuple?
5. Write a program to convert Celsius to Fahrenheit.
6. What type of conditional structures is present in a programming language? How many of them are supported in Python? Explain with example.
7. 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.