

Roll No.

Total No. of Pages : 02

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B.Sc. (Graphics & Web Designing) (Sem.-4)

PROGRAMMING IN PYTHON

Subject Code : UGCA1914

M.Code : 79530

Date of Examination : 24-05-2023

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:

- How is python different from other languages?
- Write four limitations of python.
- When do we use elif?
- State the differences between Sets and Lists.
- Compare and contrast Python and C++.
- Name four types of built-in functions in python.
- Discuss the lifetime of variables.
- What is the need for python modules?
- What are the functionalities of tell() and seek()?
- How does garbage collection work in python?

SECTION-B

2. Write five applications of Python and elaborate them.
3.
 - a. What is a Dictionary and what functions can we in on it?
 - b. How do we create and import a module in python?
4. **Define the following terms:**
Keywords, Identifiers, Indentation, Variables, and Documentation.
5. What are the various loops available in Python? Explain using code for each type.
6.
 - a) Differentiate between pass-by-value and pass-by-reference. Explain using code examples.
 - b) Discuss five functions of Strings in python.
7.
 - a) Discuss the built-in exceptions while making exception handling in python.
 - b) While doing file management in python, discuss various operations on the file.

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.