

Roll No.

Total No. of Pages : 02

Total No. of Questions : 09

B. Voc (Software Development) (Sem.-5)
INTRODUCTION TO PYTHON PROGRAMMING

Subject Code : 7.GV.03

M.Code : 91081

Date of Examination : 16-12-2022

Time : 3 Hrs.

Max. Marks : 30

INSTRUCTIONS TO CANDIDATES :

1. **SECTION-A is COMPULSORY** consisting of **TEN** questions carrying **ONE** mark each.
2. **SECTION-B** contains **FIVE** questions carrying **2½** (Two and Half) marks each and students has to attempt any **FOUR** questions.
3. **SECTION-C** contains **THREE** questions carrying **FIVE** marks each and students has to attempt any **TWO** questions.

SECTION-A

- 1. Write short notes on :**

- Variable
- Data Type
- Exception
- Error
- CONCAT
- Substring
- Pseudocode
- Tuple
- Divisibility
- pdb.

SECTION-B

2. How do Flow charts and Decision trees help solve a problem? Explain with the use of an example.
3. Write a program in Python for interest calculation.
4. Explain the concept of debugging used in Python.
5. How Lists and Tuples are created in Python? Explain with the use of an example.
6. Write a Program in Python to print string using For Loop.

SECTION-C

7. Write an algorithm of Insertion sort and explain its working with the help of an example.
8. Write a Program in Python to find the greatest among three Numbers.
9. Explain in detail States and Transitions using State Transition Diagram.

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.