

Roll No.

Total No. of Pages : 02

Total No. of Questions : 09

B.Voc. (Solar System Technology) (Sem.-3)

BASICS OF PROGRAMMING-I

Subject Code : SST-302

M.Code : 93234

Date of Examination : 11-12-2023

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 **TWO & HALF** marks each and students have to attempt any **FOUR** questions.
3. **SECTION-C** contains **THREE** questions carrying **FIVE** marks each and students have to attempt any **TWO** questions.

SECTION-A

1. Explain briefly :

- a) who and whos Command
- b) Array
- c) Workspace
- d) Structure data type
- e) Matrix division operator
- f) Statement
- g) for loop
- h) Continue
- i) Comment in python
- j) tuples in python.

SECTION-B

2. Describe advantages and disadvantages of MATLAB programming.
3. Write a program in MATLAB to check whether given number is Armstrong.
4. Explain different types of data types in MATLAB.
5. Explain different types of operators in Python.
6. Write a program in Python to illustrate casting.

SECTION-C

7. What is MATLAB? Explain its platform and features.
8. Describe advantages and disadvantages of Python programming.
9. Differentiate between control statements of Python and MATLAB.

NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.