Roll No. ⬚⬚⬚⬚⬚⬚⬚⬚⬚⬚⬚⬚⬚   **Total No. of Pages : 02**

Total No. of Questions : 09

B.Voc. (Electronics & Information Technology) (Sem.–5)
COMPUTER PROGRAMMING USING PYTHON
Subject Code : BVET 504-20
M.Code : 93212
Date of Examination : 28-01-23

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

SECTION-A

1. **Write briefly :**

   a) Differentiate between write( ) and write lines( ) functions.

   b) Define selection.

   c) What is the importance of encapsulation?

   d) Differentiate between yield and return.

   e) How can multiple rows can be added into table?

   f) Define multiline statement.

   g) Define Siring upper function.

   h) Define Command line arguments.

   i) Define Syntax for "*Import Command*" in Python.

   j) Define String upper function.

SECTION-B

2. How to check whether a given number is prime number or not?

3. Demonstrate the use of break and continue keywords in looping structure using examples.

4. Write a program to count the occurrence of each element within a list.

5. Explain pass by value and pass by reference with example.

6. What are exceptions? How exception handling is done in Python?

SECTION-C

7. a) What are regular expressions? How regular expressions used for extracting data?

   b) Explain with the help of suitable examples Associativity and Non Associativity of operators.

8. Write a detailed note on file management in Python.

9. Write a short note on the following with the help of suitable examples :

   a) Operator Overloading

   b) Database connectivity using Python

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.