

Roll No.

Total No. of Pages : 02

Total No. of Questions : 09

**B.Voc. (Software Development) (Sem.-6)**

**INTRODUCTION TO BIOMETRICS**

**Subject Code : 7.GV.08**

**M.Code : 91658**

**Date of Examination : 12-07-22**

**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 **2<sup>1</sup>/<sub>2</sub>** (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**

**I. Write short notes on :**

- a) What is biometric recognition?
- b) Write the errors in biometrics.
- c) What is Biometric system evaluation?
- d) Write any one advantage of Multimodal system.
- e) Discuss any one application of Biometric.
- f) What is social acceptance?
- g) Define biometric authentication.
- h) What is use of fingerprints?
- i) Write a short note on pattern recognition.
- j) What is biometric database?

## SECTION-B

2. Discuss the requirement of Biometrics systems.
3. Explain Unimodal Biometric System.
4. Write a short note on feature level fusion.
5. What is Biometrics standardization?
6. Explain the designing of Biometric System?

## SECTION-C

7. Explain the modes and architecture of Biometric System.
8. Discuss any one Biometric technique by taking a suitable example.
9. How would you provide the security in Biometric Systems?

**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.**