

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 : 05-01-2023

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 $2\frac{1}{2}$ (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 :

- a) Write concept of Biometrics.
- b) Discuss Biometric recognition.
- e) What is Biometric evaluation?
- d) Draw the architecture of Biometric system.
- e) Discuss any one application of Biometric.
- f) What is Privacy protection?
- g) Define biometric authentication.
- h) What is facial recognition?
- i) What is pattern recognition?
- j) Write the use of Fingerprints in Biometrics.

SECTION-B

2. Discuss the steps of requirement of Biometrics systems.
3. Explain Multimodal Biometric System.
4. Write a short note on levels of fusion in Biometrics.
5. What is Data format used in Biometrics?
6. Explain the implementation of Biometric System.

SECTION-C

7. Explain the Biometric errors and evaluation.
8. Discuss latest Biometric technique by taking a suitable example.
9. Write the steps for providing Security to Biometric System.

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.