

R07

Code: R7421204

B.Tech IV Year II Semester (R07) Supplementary Examinations, March/April 2013

BIOMETRICS

(Information Technology)

Time: 3 hours

Max. Marks: 80

Answer any FIVE questions
All questions carry equal marks

- 1 (a) Differentiate between traditional authentication methods and biometric authentication methods.
(b) Explain failure to enroll rate. Discuss its importance in biometrics.
- 2 What is finger scan technology? Explain in details different types of algorithms used for interpretation of finger scan.
- 3 (a) Explain working of facial scan technology.
(b) Elaborate the other competing facial scan technologies those are available.
- 4 What are the components of iris scan technology? Explain the working of iris scan technology along with its strengths.
- 5 What are the components of voice scan technology? Explain the working of each component. List out the weaknesses of voice scan technology.
- 6 Write short notes on:
(a) Hand scan.
(b) Signature scan.
(c) Key stroke scan.
- 7 Explain the following:
(a) IBG'S biometric solution.
(b) Bio API.
(c) Bio privacy.
(d) CDSA/HRS.
- 8 Explain in details how biometrics is useful for network security.
