



QP CODE: 24027879



Reg No : .....

Name : .....

**B.Sc DEGREE (CBCS) REGULAR / IMPROVEMENT / REAPPEARANCE  
EXAMINATIONS, OCTOBER 2024**

**Third Semester**

B.Sc Cyber Forensic Model III

**Core Course - CF3CRT07 - BIOMETRIC SECURITY**

2019 Admission Onwards

52991A55

Time: 3 Hours

Max. Marks : 80

**Part A**

*Answer any **ten** questions.*

*Each question carries **2** marks.*

1. What are the difference between one-to-one and one-to-many matching?
2. Define False Non match rate.
3. What are the difficulties in acquisition of finger print?
4. Write about privacy abuse that can happen in facial scan system.
5. Explain Image Acquisition in iris scan system.
6. Explain the weakness of retina scan.
7. How hand scan differs from finger scan systems?
8. How users presentation affects the keyboard dynamics?
9. What are the distinctive features of voice scan?
10. Give example for the term 'Something you know'.
11. Define ripple security logic.
12. What does implementation plan means?

(10×2=20)

**Part B**

*Answer any **six** questions.*

*Each question carries **5** marks.*





13. Explain benefits of biometrics compared to Traditional methods.
14. How unauthorized use of biometric information happens?
15. Explain the components of finger scan system.
16. Explain Image Acquisition in Retina-Scan.
17. What are the distinctive features of hand print systems?
18. What are various types of signatures?
19. Explain strength of voice scan system.
20. Explain multibiometrics.
21. What are features of a good password?

(6×5=30)

### **Part C**

*Answer any **two** questions.  
Each question carries **15** marks.*

22. Explain Different biometric standards.
23. Discuss how Facial-Scan Technology Works.
24. Explain in detail about DNA biometrics.
25. Explain signature/handwritten technology in detail.

(2×15=30)

