

22U351

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Name:

Reg.No:

THIRD SEMESTER B.Sc. DEGREE EXAMINATION, NOVEMBER 2023

(CBCSS - UG)

(Regular/Supplementary/Improvement)

CC19U FTL3 A12B - INFORMATICS AND EMERGING TECHNOLOGIES

(Food Technology - Common Course)

(2019 Admission onwards)

Time : 2.5 Hours

Maximum : 80 Marks

Credit : 4

Part A (Short answer questions)

Answer *all* questions. Each question carries 2 marks.

1. What is Portable Computer?
2. Give two access types of storage devices.
3. What is DAMPS?
4. What is a Feature phone?
5. What are optical fibers?
6. Describe Class 1M Laser.
7. Give two applications of laser in industrial field.
8. What is phishing?
9. What is network security?
10. What is cyber crime cell?
11. What is Face Recognition?
12. What is meant by recognizing persons by their iris pattern?
13. What is meant by Retina identification?
14. What is Speaker recognition ?
15. Define smart card.

(Ceiling: 25 Marks)

Part B (Paragraph questions)

Answer *all* questions. Each question carries 5 marks.

16. How a Personal computer different from Workstation?

17. Write a note on radio LANs.
18. What is WLL? What are its Components?
19. Write about industrial application of optical fiber in sensor devices.
20. Explain the applications of holography in art, data storage and security.
21. What is CIA triad? Explain.
22. What are the applications of digital signature?
23. Briefly explain about good password practices.

(Ceiling: 35 Marks)

Part C (Essay questions)

Answer any *two* questions. Each question carries 10 marks.

24. What is Operating System? What are the functions of Operating System? Discuss the different types of Operating Systems.
25. What is Wireless Communication? What are the different wireless information technologies?
26. Explain about Social media Security and E-mail Security. Also explain how to manage your browser.
27. Define Biometrics. Explain various types of biometrics currently used.

(2 × 10 = 20 Marks)
