

THIRD SEMESTER B.Sc. DEGREE EXAMINATION, NOVEMBER 2025

(CBCSS - UG)

CC19UFTL3A12B - INFORMATICS AND EMERGING TECHNOLOGIES

(Food Technology - Common Course)

(2019 to 2023 Admissions - Supplementary/Improvement)

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 a Hard disk?
2. Give two examples of Operating Systems.
3. What is internet?
4. What is WAP?
5. Give two examples of WLANs.
6. What is Smart phone?
7. What is the working principle of optical fiber?
8. Describe Class 2 Laser?
9. Give two applications of laser in industrial field.
10. What is Spyware?
11. Give two internet access methods?
12. What is cyber crime cell?
13. What is biometrics?
14. What is meant by Retina identification?
15. What is Speaker recognition ?

(Ceiling: 25 Marks)**Part B (Paragraph questions)**Answer ***all*** questions. Each question carries 5 marks.

16. Write about different generations of computers.
17. What are the uses of computer?

18. What is WLL? What are its Components?
19. Write about industrial application of optical fiber in specific applications.
20. Describe about various categories of Cyber Security.
21. Write a note on online shopping fraud.
22. Write a note on face recognition.
23. Write a note on Hand geometry based verification.

(Ceiling: 35 Marks)

Part C (Essay questions)

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

24. Explain about the evolution of mobile telephone technology.
25. Describe the working of Digital Signature? Explain about various applications of Digital Signature.
26. Explain about Social media Security and E-mail Security. Also explain how to manage your browser.
27. Explain about multimodal biometrics and smart card based authentication.

($2 \times 10 = 20$ Marks)
