

21U349

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Name:

Reg.No:

THIRD SEMESTER B.Sc. DEGREE EXAMINATION, NOVEMBER 2022

(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. Define Work station.
2. What is DVD-ROM?
3. What is WAP?
4. What is Wi-Fi?
5. What is the working principle of optical fiber?
6. Give two applications of laser in industrial field.
7. What is Holography?
8. What is Spyware?
9. What is social networking service?
10. What is Online shopping fraud?
11. What is Fingerprint Verification?
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. Explain about the evolution of internet.

17. Describe Microwave LANs.
18. What is Mobile OS? What are the different types of mobile OS?
19. Write about industrial application of optical fiber in power transmission.
20. What is a laser? What are the characteristics of Laser?
21. What is CIA triad? Explain.
22. Give some Guidelines and Recommendations about Connecting your devices to Internet.
23. Write functions of cyber crime cell.

(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. Explain about the evolution of mobile telephone technology.
26. Explain about Social media Security and E-mail Security. Also explain how to manage your browser?
27. What is biometrics? What are components of Biometric Id Systems?

(2 × 10 = 20 Marks)
