THIRD SEMESTER B.Sc. DEGREE EXAMINATION, NOVEMBER 2020

(CBCSS - UG)

CC19U FTL3 A12B - INFORMATICS AND EMERGING TECHNOLOGIES

(Food Technology - Common Course)

(2019 Admission - Regular)

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 Computer?

2. What is an operating system?

3. What is scientific database?

4. What is WLAN?

5. What is Wi-Fi?

6. What is GSM ?

7. What are optical fibers?

8. Write two characteristics of Laser.

9. What is Holography?

10. Explain CIA triad?

11. What is adware?

12. What is Digital signature?

13. What is Fingerprint Verification?

14. What is Hand geometry based verification?

15. What is Automatic online signature verification?

(Ceiling: 25 Marks)

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

16. What is ALU? What are its functions?

17. What are the uses of smart phone?

18. Write about Industrial applications of optical fibers in communication.

19. Explain the industrial applications and medical applications of laser .

20. What is e-commerce? What are the different types of E-commerce?

21. What is netwok security? Explain some Network security tips.

22. Write a note on identification of faces and body parts.

23. What are the various modules of Multimodal biometrics?

(Ceiling: 35 Marks)

Part C (Essay questions)

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

24. What are the different types of storage devices?

25. What is Wireless Communication?What are the different wireless information technologies?

26. Write note on Information Technology Act ,2008 .

27. What is biometrics? What are components of Biometric Id Systems?

(2 × 10 = 20 Marks)

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