B.Sc. DEGREE (C.B.C.S.S) MODEL QUESTION PAPER
Fifth Semester B.Sc. Electronics and Computer Maintenance
EM5D01 - OPEN COURSE INFORMATION TECHNOLOGY

Time: Three Hours   **Total Marks:80**
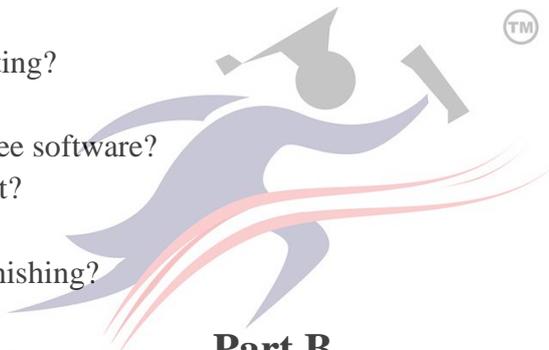
Model Question Paper

Part A

Short Answer Questions (Answer all questions)

(1*10=10)

1. What is Wi-Fi?
2. What is copyright?.
3. What is an operating system?
4. Define information.
5. What is Bio-computing?
6. What are cookies?
7. What is meant by free software?
8. USB stands for what?
9. What is a virus?
10. What is meant by phishing?

Part B

Brief Answer Questions (Answer any eight questions)

(8*2=16)

11. What are the applications of artificial intelligence?

12. What is software piracy?

13. What is the difference between warranty and guarantee?

14. What is the role of Unicode?

15. What is cyber ethics?

16. List few health issues due to cyber addiction.

17. What is the difference between LAN and WAN?

18. What is cloud computing? Give one example.

19. What is the difference between Bluetooth and Wi-Fi?

20. Differentiate between blogs and vlogs.

21. What are the advantages of DSL?

22. What is plagiarism?

Part C

Descriptive/Short Essay type questions (Answer any six questions)

(6*4=24)

23. Discuss the use of IT in teaching.

24. Differentiate between peer-to-peer network and client-server network.

25. How can you handle E-waste?

26. Explain virtual reality,

27. Explain Handoff in mobile communication.

28. What are the services provided by INFLIBNET?

29. Explain briefly about neural networks.

30. How do search engines work?

31. Write a note on Trojan horses.

Part D

Long Essay (Answer any two questions)

(2*15=30)

32. a)Explain about the various domain areas of AI(8)

   b)Explain the IT applications in health care, medicine and commerce. (7)

33. a)Explain the different types of internet access methods.(8)
   b) Explain the various social issues associated with development in IT.(7)

34. a)Explain a)ATM b) Wireless networks(8)
   b) Discuss the knowledge skills for higher education.(7)

35. a)Explain the new opportunities in IT industry (10)
    b) Describe the IT services for the disabled. (5)

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