

Subject Title: Information Technologies-2

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Year: III

Semester: VI

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Unit - I:

1. List the characteristics of an algorithm.
2. What are the advantages of flowchart?
3. What is pseudo code?
4. Explain in brief about fourth generation languages.
5. Discuss the types of files used in file oriented approach.
6. Explain in detail about algorithm.
7. Discuss in brief about various control structures used in algorithm.
8. Discuss in detail about the flowcharts.
9. Explain in detail about pseudo code with example.
10. Explain about the generations of programming languages.
11. Discuss in detail about file oriented approach. Also write about different types of files.
12. Write a short note on data base approach. Discuss the components of database system
13. Explain in detail about the database views and levels of data abstraction.
14. Discuss in detail about data models. Explain types of data models.
15. Explain in brief about the components of database management systems.

Unit – II:

16. Discuss about Integrated Service Digital Network.
17. List the reasons for the popularity of Bluetooth products in 2012.
18. What are the applications of Bluetooth?
19. Write a short note on Wi-Fi hotspots.
20. Explain the method of avoiding inferences in Bluetooth.
21. Define the term Network. Explain the need of networking in modern day organization.
22. What are the advantages of computer Network?

23. Discuss the different types of data transmission modes.
24. Discuss in detail about data multiplexing.
25. Explain different types of network topologies.
26. Write in detail about electronic mail.
27. Discuss in detail about different types of internet connections.
28. Define internet security. Discuss the concepts of threats of internet security.
29. Explain in detail about peer-to-peer network. State advantages and disadvantages.
30. What is Grid computing? Explain advantages and disadvantages of Grid computing
31. Write a short note on cloud computing.
32. Explain in detail about the types of wireless networks.
33. Discuss in detail about artificial intelligence.

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