

Computer Networks

BCA III SEM V

1. Define Data communication
2. What are the five important components of data communications?
3. What are the various forms of data?
4. What are the various types of data flow?
5. With the example define half duplex communication.
6. Name four topologies of computer networks.
7. Define Distributed Systems and Distributed Processing
8. What are the design factors for transmission media?
9. Define Network architecture
10. Why are protocols needed and what are the key elements?
11. Define Topology.
12. Define standards and why are standards needed?
13. Who are the standard committee?
14. Define OSI model and what are the seven layers of OSI Model?
15. What is Multiplexing?
16. What is Switching?
17. Explain types of guided and unguided media.
18. Explain OSI Reference model.

19.Explain TCP/IP Model.

20.Explain design issues of network layer.

21.What is Cryptography?