

- Q-2 Give Answers for the following:(Any ten) [20]
1. Explain DQDB in brief.
 2. Define: Topology and Server.
 3. What are the uses of computer networks?
 4. List various categories of Coaxial cable and state their use
 5. Explain serial transmission in brief.
 6. Differentiate between TDM and FDM.
 7. List main responsibilities of following layers.
 - a. Physical Layer
 - b. Data Link Layer
 8. Explain orbit.
 9. What is satellite? List categories of satellite.
 10. What are the two types of network according to connection type? What is the basic difference between them?
 11. Explain in brief: Point-to-Point network.
 12. What are the advantages of bus topology?
- Q - 3 A) What are advantages of computer networks? Explain in detail. [5]
 B) Explain LAN in detail. [5]
- OR
- Q - 3 A) How can we classify computer Network? [5]
 B) Explain WAN in detail. [5]
- Q - 4 A) Explain twisted pair cable in detail. [5]
 B) Explain Synchronous TDM in detail. [5]
- OR
- Q - 4 A) Explain fiber optic in detail. [5]
 B) Write the difference between circuit switching and packet switching. [5]
- Q - 5 A) List all layers of OSI model. Explain any two layers. [5]
 B) Write a note on wireless network. [5]
- OR
- Q - 5 A) Write a note on communication satellite. [5]
 B) Write a note on design issues for the layers. [5]
- Q -6 List and explain any three topologies in detail. [10]
- OR
- Q -6 Explain switch and router in detail. [10]

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