Q.1 Explain in detail OSI Reference Model.

Q.2 Explain in detail different types of topologies.

Q.3 Convert the sentence “UNIT” to binary using ASCII table.

Q.4 Illustrate various types of encoding schemes.

Q.5 Differentiate between Frequency Hopping (FHSS) and Direct Sequence Spread Spectrum (DSSS)

Q.6 Explain following-

a. Switch

b. Router

c. Hub

4.Modem

Q.7 Explain in detail LAN,MAN,WAN.

Q.8 Explain Client Server and Peer to Peer Network.

Q.9 Draw Manchester and differential Manchester code for the bit sequence: 0100110.

Q.10 Describe Bridge, Gateway, Access Point.

Q.11 Explain in detail TCP/IP Reference Model.

Q.12 Explain in detail different types of transmission medium.

Q.13 What are design issues of layers? Explain it.

Q.14 Explain in detail Manchester and Differential Manchester Encoding schemes.

Q.15 Write a short note on following-

a. Design issues for Network Layer

b. Wireless Networks

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