

Computer Networks (MC308)

ASSIGNMENT-I

- Q1. Explain the Client-Server model with the help of an example.
- Q2. State and explain the various categories of networks.
- Q3. What is the difference between connection-oriented and connectionless service?
- Q4. Explain the various functionalities of Session Layer.
- Q5. What are the various networks associated with Physical layer in the OSI model?
- Q6. Write a short note on:
- a. Analog and Digital data transmission
 - b. Wireless Transmission Media
 - c. IEEE 802.2
- Q7. Explain the concept of Bit stuffing.
- Q8. Check for the error if the datagram consists of the given dataword 11010110 and the polynomial x^4+x^2+1 using CRC method.
- Q9. Explain one-bit sliding window protocol with the help of an example.
- Q10. Compute the Hamming codeword for the dataword 1010 when there is even parity using Hamming code error correction technique.