

CSE4025-DATA COMMUNICATIONS

Assignmet -01

- Q1. Explain Circuit-Switched Network and Packet-Switched Network with neat diagrams.
- Q2. Explain with diagram Layers in te TCP/IP Protocol Suite. How it differs from OSI Architecture?
- Q3. Explain how Frequecy Domain plot and Time Domain plot is used to represent signals? Compare both techniques.
- Q4. What are the different Causes of Transmisson impairments in transmission media? How do we measure it? Explain.
- Q5. Explain what do you mean by Bandwidth in a transmission media? How it affects signal transmission ?
- Q6. What is the result of scrambling the sequence 11100000000000 using each of the following scrambling techniques? Assume that the last non-zero signal level has been positive.
 - (a) NRZ-I
 - (b) B8ZS
 - (c) HDB3(The number of non-zero pulses is odd after the last substitution.)
