School of Computer Science and Engineering

CSE323: Computer Network LAB

Cycle Sheet-1
The following experiments shall be conducted using C in LINUX/UNIX.

1. Write the C program for OSI layer
2. Write a program to implement the following Encoding Techniques
   NRZ, NRZ-I ,Manchester, 4B/5B
3. Write a program for framing Techniques
   3.1 Character Count
   3.2 Bit Stuffing and Destuffing
   3.3 Byte Stuffing.and Destuffing
4. Write a program for Flow control based on Sliding Window protocol
   4.1 Go Back N ARQ
   4.2 Selective repeat ARQ
5. Write a program to implement CRC polynomials