ECE-C432 Homework Assignment # 2

Q1

In using the Bisync protocol, the last 2 bytes in the data are DLE and ETX. What sequence of bytes will be transmitted?

Q2

In using HDLC protocol, show the bit sequence transmitted for the following data:

1101 0111 1101 0111 1110 1111 1110

Q3

While using HDLC protocol, the following bit sequence is received:

0111 1110 0101 1111 0001 1111 0111 0111 1110

Show where the stuffed 0’s are and extract the data transmitted

Q4. Ch 5- R4, R6, R14

Q5 Ch 5 – P1

Q6 Ch 5- P2

Q7 Ch 5 –P3

Q8 Ch 5 – P4

Q9 Ch 5 – P5

Q10 Ch 5 – P8 (worked out in class)

Q11 Ch 5 – P9 (worked out in class)

Q12 Ch 5 – P10

Q13 Ch 5 – P11

Q14 Ch 5 – P17

Q15 Ch 5 – P18

Q16 Ch 5 – P19

Q17 Ch5 – P23

Q18 Ch5 – P24

Q19 Ch 5 – P25

Additional Problems

Q20 Problem 13 on handout

Q21 Problem 14 on handout

Q22. Problem 15 on handout

Q23 Problem 16 on handout

Q24 Problem 17 on handout