Dept. of Computer Science and Engineering
East West University
CSE 405 (Computer Networks)
Quiz # 1
Points: 10 marks
Time: (20 min +10 min) = 30 min

Please answer the following questions. (4*2.5 = 10 marks)

1) Draw two adjacent devices and show how packet is transferred between them.

2) What would be the bit pattern of the following bit stream after framing following "Bit Stuffing" mechanism? Please indicate the stuffed bit.

    01010111111010010010111110001111110

3) What would be the pattern of the following stream after "Byte Stuffing"? Please indicate the stuffed byte.

    A B ESC Flag D ESC Flag

4) Briefly explain how devices sense a carrier.