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 a diagram to show encapsulation and de-encapsulation processes between two hosts.

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

   0101000000110111110000100101111001

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

   B   ESC   Flag   D   ESC   ESC

4) Briefly explain how consecutive bits are identified in 'physical layer coding violation' framing technique.