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

    01010111111101000000101111101

2) What would be the pattern of the following stream after "Byte Stuffing"? Please indicate the stuffed byte.
    A B ESC Flag D Flag

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

4) Briefly explain why 'router' is identified as a device of 'network layer' and draw a diagram to show the internal functions.