North South University

Department of Electrical and Computer Engineering

CSE331L Quiz

Total: 10, **Time:** 15min

1) Identify which of the following instructions are valid. If they are not valid, mention the reason. (3)

   **consider all the variables used in the questions are byte variables

   a)   ADD DS, AL

   b)   MOV VAR1, VAR2

   c)   MOV VAR2, CL

   d)   INC BX, 1

   e)   LEA AX, ARRAY

2) Write a program that checks if a number is divisible by 7 or not. (4)

3) The following procedure should divide 65537 by 10. Find the errors presentin this procedure and write the correct instructions. (3)

```
divide proc
        mov ax, 65537

        mov bl, 0Ah

        div bl
        call print_num_uns
divide endp
```