



North South University

Department of Electrical and Computer Engineering

CSE331L Final, Fall 2022

Total: 30, Time: 1hour

Answer all the questions -

- 1) What is Macro? Write some differences between Macro and Procedure.(3)
- 2) Prompt the user for the values of a and b where $0 \leq a \text{ and } b \leq 9$. After that create a macro that can calculate $a^2 - b + 3$. (7)
- 3) Create an array of size 7 and take user input to fill it up. Find out the smallest and largest number of the array. (10)
- 4) Write a program in assembly language to read a letter from the user then print if it is a vowel or constant. (10)