Time: 90 minutes

Total Marks: 30

**LAB 5**

**Task#1**

Question # 8 at page# 80 of Assembly Language programming and organization of the IBM PC by Ytha Yu

**Task#2**

Write a Program to read one of the hex digits in Uppercase (A to F), and

a. Display it on the next line in lower case.

b. Display it on the next line in Decimal.

Sample Execution:

**ENTER A HEX DIGIT: C (input by user)**

**IN LOWERCASE IT IS: c (output)**

**IN DECIMAL IT IS: 12 (output)**

**Task#3**

Input an Alphabet in Uppercase(i.e. no other character can be input) and display three preceding (previous) letters.

**Sample Execution:**

**ENTER AN ALPHABET: D (input by user)**

**PRECEDING ALPHABETS IN UPPER CASE ARE: ABC (output)**

**PRECEDING ALPHABETS IN LOWER CASE ARE: abc (output)**

**Important Notes:**

**Make Sure that you have not saved your program in M drive(your ftp)**

**Properly Commented Program will get Extra Marks**

**The output of your program should be same as given in sample execution**

**Be Prepared for a detailed viva**

**DO NOT COPY OTHERWISE YOU WILL BE AWARDED ‘ZERO’ IN ALL PREVIUOS LABS**