

Name:

Id#

COE 205, Term 023
Computer Organization & Assembly Programming

Quiz# 4

Date: Monday, July 28, 2003

Q1. Suppose that you have the following initial content of 8086 registers:

AX=00FFH

BX=0010H

CX=FFFEH

DX=0000H

- (i) Determine the content of the destination operand after the execution of each of the following instructions. Indicate the effect on the overflow flag. Use the initial content of the registers for the execution of each instruction.

1. MUL BL

2. IMUL BL

3. DIV BX

4. IDIV CX