

**Name:**

**Id#**

**COE 200, Term 023  
Fundamentals of Computer Engineering**

**Quiz# 6**

Date: Wednesday, August 6, 2003

**Q.1.** It is required to design a circuit that computes the absolute value of an n-bit number represented using 2's complement representation. You can use in your design any gate or functional block like Adder, Multiplexer, Decoder.