

Name:

Id#

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

**Quiz# 3**

Date: Tuesday, July 15, 2003

**Q.1.** Prove the identity of each of the following Boolean functions using algebraic manipulation:

a.  $AB + A'C' + A'BC + A'B'C = A' + B$

b.  $A'C + AC'D + AC + A'B'C'D = C + D(A + B')$