Name: Id#

COE 202, Term 112

Digital Logic Design

Quiz# 2

 Date: Monday, Feb. 18

#

# **Q1**. Simplify the following Boolean functions to the minimum number of literals sum of product s expressions using algebraic manipulation:

## A D’ + A’ B D’ + A’ C D’ + B’ C’ D’

## { [ (A B)’ A ]’ [ (A B)’ B]’ }’

## (A + B + C)(A + B + C’) (A’ + C’)(B + C’)