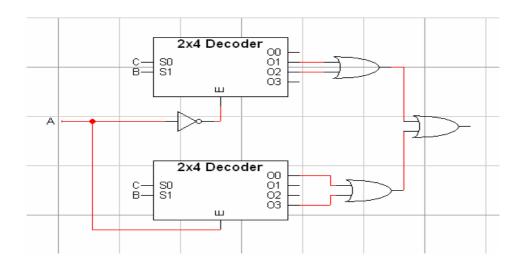
Name: KEY Id#

## COE 202, Term 052 Fundamentals of Computer Engineering

## Quiz# 6

Date: Saturday, April 29, 2006

- Q.1. Implement the following Boolean function F(A,B,C)= A B C+A B' C'+A' B C'+A' B' C with the minimum possible gates using only:
  - (i) 2x4 decoders (with or without enable), 2-input OR gates and inverters.



(ii) 2x1 multiplexers and inverters.

