

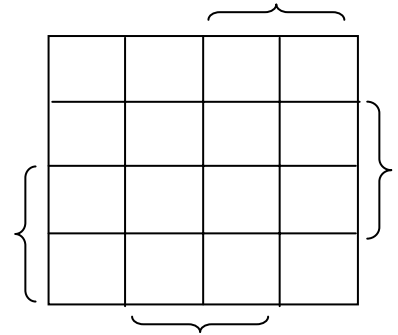
KING FAHD UNIVERSITY OF PETROLEUM & MINERALS
Department of Electrical Engineering

EE200 Digital Logic Circuit Design	Quiz #3 (12/10/2005)	Section: 03
Student's Name :		I.D.# :

1. Simplify the following Boolean function, using K-map in SOP form.

$$F(w, x, y, z) = \sum(0,1,4,6,8,9,11,12,13,14,15)$$

2. Implement the simplified function using NAND-NAND 2-level implementation.



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