King Fahd University of Petroleum and Minerals

College of Computer Sciences and Engineering

Department of Computer Engineering

COE 202 – Digital Logic Design (T121)

Homework # 02 (*due date & time: Monday 01/10/2012 during class period*)

***Show all your work. No credit will be given if work is not shown! ***

Solve problems 2-2 (**20 points**), 2-7 (**20 points**), 2-8 (**10 points**), 2-9 (**20 points**), and 2-13 (**30 points**) on pages 109 – 111 of the 4th edition of the textbook. Note that the complement expressions for parts (a), (b), (c), and (d) of problem 2-9 should have 1, 3, 4, and 5 literals, respectively.