CSE 235   Homework 01   Spring 2012

Due: Friday, January 20, 2012

Name(Print) ———————————————   **CSE Login** ————————

Name 2(Print) ———————————————   **CSE Login** ————————

Problem	Page	Points	Score
1.1:1	12	3	
1.1:10	13	4	
1.1:12	13	6	
A	-	8	
Total		21	

Problem A: This 'dummy' exercise is to encourage you to get quickly started with LaTeX.

Generate a LaTeX file and the corresponding PDF file with the following content:

(a) ☐ 1 point ☐ Transcribe the solution to Example 8 on page 8 of your text book using the mathematical environment to type the equations.

(b) ☐ 1 point ☐ Transcribe Definition 6 on page 9 of your textbook using the mathematical environment to type logical expressions.

(c) ☐ 4 points ☐ Table 7 on page 10 of your textbook, using the tabular environment and the `\multicolum` command for the header.

(d) ☐ 2 points ☐ Generate some figure in PDF like k5.pdf file given on the course's website and include it in your file.

Instructions   Follow instructions *carefully*, failure to do so may result in points being deducted.

- The homework can be submitted on paper or via handin. Homework *neatly* formatted in LaTeX will receive a 10 point bonus. You will not receive the 10 bonus points if you work with a partner (see below).

- Clearly label each problem and submit answers *in order*.

- Staple this cover page to the front of your assignment for easier grading.

- Late submissions *will not be accepted*

- When you are asked to prove something, you must give a formal, rigorous, and complete a proof as possible. Each step in your proof must contain explanation that would allow us to understand what theorem/logic you have applied to arrive at that step.

- You are to work individually, and all work should be your own. Check partner policy below.

- The CSE academic dishonesty policy is in effect (see http://cse.unl.edu/ugrad/resources/academic_integrity.php).

Partner Policy You may work in pairs, but you must follow these guidelines:

1. You must work *all* problems *together*. You may not simply partition the work between you.

2. You must use LaTeX and you may divide the typing duties however you wish.

3. You may not discuss the problems with other groups or individuals.

4. Hand in only one hard copy with both author's names.