CECS 451
Assignment 4
Total: 42 Points

General Instruction

- I recommend you can write your answer using LaTeX.

- Submit your work in the Dropbox folder via BeachBoard (Not email or in class).

1. (8 points) Exercise 7.4: (c), (g), (h), and (j) with justifications.

2. (4 points) Exercise 7.6: (b) with justification.

3. (8 points) Prove $[(F \Rightarrow P) \vee (D \Rightarrow P)] \equiv [(F \wedge D) \Rightarrow P]$ by converting them into CNF separately.

4. (3 points) Exercise 13.3: (a)

5. (6 points) Exercise 13.8: (a), (b), (c)

6. (8 points) Exercise 13.16

7. (5 points) Exercise 13.17