CSCE 222 [505] Discrete Structures for Computing

Fall 2015 – Philip C. Ritchey

Problem Set 9

Due dates: Electronic submission of LaTeX and PDF files of this homework is due on **18 November 2015 (Wednesday) before 11:30 a.m.** on gradescope (`http://gradescope.com`).

Names of Group Members
YOUR NAME
COLLABORATOR 1
COLLABORATOR 2

Resources. (All people, books, articles, web pages, etc. that have been consulted when producing this homework)

Problem 1. (10 points) Section 10.1, Exercise 24.

Solution.

Problem 2. (15 points) Section 10.2, Exercise 40

Solution.

Problem 3. (15 points) Section 10.2, Exercise 64

Solution.

Problem 4. (15 points) Section 10.8, Exercise 18

Solution.

Problem 5. (15 points) Section 11.1, Exercise 22

Solution.

Problem 6. (15 points) Section 11.2, Exercise 8

Solution.

Problem 7. (15 points) Section 11.3, Exercise 16

Solution.

Aggie Honor Statement: On my honor, as an Aggie, I have neither given nor received any unauthorized aid on any portion of the academic work included in this assignment. Furthermore, I have disclosed all resources (people, books, web sites, etc.) that have been used to prepare this homework.

Checklist:
1. Did you type your full name and that of all collaborators?
2. Did you abide by the Aggie Honor Code?
3. Did you solve all problems and start a new page for each?
4. Did you submit your PDF file?