

CSCE 222 [505] Discrete Structures for Computing
Fall 2015 – Philip C. Ritchey

Problem Set 5

Due dates: Electronic submission of L^AT_EX and PDF files of this homework is due on **14 October 2015 (Wednesday) before 11:30 a.m.** on eCampus (<http://ecampus.tamu.edu>).

Name	Problems
YOUR NAME	1–10
COLLABORATOR 1	PROBLEMS DONE TOGETHER
COLLABORATOR 2	PROBLEMS DONE TOGETHER

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

Problem 1. (10 points) Section 5.4, Exercise 8

Solution.

Problem 2. (10 points) Section 5.4, Exercise 16

Solution.

Problem 3. (10 points) Section 5.4, Exercise 44

Solution.

Problem 4. (10 points) Section 5.4, Exercise 50

Solution.

Problem 5. (10 points) Section 6, Supplementary Exercise 8

Solution.

Problem 6. (10 points) Section 6, Supplementary Exercise 12

Solution.

Problem 7. (10 points) Section 6.3, Exercise 30

Solution.

Problem 8. (10 points) Section 6.4, Exercise 8

Solution.

Problem 9. (10 points) Section 6, Supplementary Exercise 38

Solution.

Problem 10. (10 points) Section 6.6, Exercise 6

Solution.

Wildcard Quiz Problems (the quiz on Friday could also be one of these)

Section 6, Supplementary Exercise 4

Section 6.2, Exercise 10

Section 6.3, Exercise 8

Section 6.5, Exercise 30

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 UIN and those of any 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
 - (a) your L^AT_EX source file?
 - (b) your PDF file?