

Instructions: This homework is an individual effort. Answer each question. This is due on **Friday, July 23rd** by midnight to my office 4001A in the Coliseum. **Show all work to receive full credit.** Here is a link to the textbook needed to do the homework: **Discrete Mathematical Structures.**

1 4.2

1. Do the following problems from the book: 2, 8, 20, 22.

2 4.4

2. Do the following problems from the book: 2, 8, 10, 12, 16, 20.

3 4.5

3. Do the following problems from the book: 2, 4, 6, 10, 18.

4 5.1

4. Do the following problems from the book: 8, 10, 12, 16, 20.

5 9.4

5. Do the following problems from the book: 2, 4, 6, 8, 12, 20, 22.