

# CSCI 1323 (Discrete Structures), Spring 2001

## Homework 18

**Assigned:** April 12, 2001.

**Due:** April 19, 2001, at the start of class.

**Credit:** 20 points.

### 1 Problems

1. (2 points) Do problem 2, parts (b) and (d), on p. 247 of the textbook.
2. (2 points) Do problem 10, part (f), on p. 249 of the textbook.
3. (2 points) Do problem 18 on p. 251 of the textbook.
4. (2 points) Do problem 21 on p. 251 of the textbook, but only for part (b) of problem 20.
5. (2 points) Do problem 38 on p. 256 of the textbook.
6. (2 points) Do problem 6 on p. 264 of the textbook.
7. (2 points) Do problem 9, on p. 302 of the textbook.
8. (2 points) Do problem 22, part (a), on p. 304 of the textbook.
9. (2 points) Do problem 45 on p. 307 of the textbook. (Note that the term “equivalent” in problem 44 refers to the definition on p. 294.)
10. (2 points) Do problem 50 on p. 308 of the textbook.