

CS 477/677 Analysis of Algorithms

Spring 2020

Homework 4

Due date: February 27, 2020

1. (U&G-required) [30 points]

(a) Exercise 7.1-1 (page 173).

(b) Exercise 8.2-1 (page 196).

2. (U&G-required) [20 points] Exercise 8.2-3 (page 196).

3. (U&G-required) [30 points] Exercise 8.3-2 (page 200).

4. (U & G-required) [20 points] Exercise 9.3-5 (page 223).

5. (G-required) [20 points] Exercise 8.2-4 (page 197).

Extra credit:

6. [20 points] Exercise 9.3-3 (page 223).