Each problem is worth 10 points. KT refers to *Algorithm Design*, First Edition, by Kleinberg and Tardos. “Give an algorithm” means pseudo-code, a high-level explanation and a proof of correctness. See the website for more grading guidelines.

1. KT, Chap 6, Problem 8
2. KT, Chap 6, Problem 11
3. KT, Chap 6, Problem 22
4. KT, Chap 6, Problem 24