CISC 2100/2110 — Discrete Structure II
Fall, 2016

Homework Assignment #5

These questions are from the following textbook, Discrete Mathematics with Applications, by Susanna
S. Epp.

1. Page 640: 12, 14 (extra credits), 27, 30,

2. Page 641: 36 (c, d, e), 37 (a, b, d, f)

3. Page 641: 46

4. Page 658: 15, 17, 18

5. Page 660: 36 (instead of finding the minimum length Hamiltonian circuit, you can just find two different
   Hamiltonian circuits and cacluate their total distance respectively.

6. Page 674: 4, 19 (a,b)

7. Page 715: 11, 12