

CSE 473: Artificial Intelligence
Assignment #1
Monday May 9, 2005
Due: Monday, May 16

Reading Assignment: Read Chapters 13, 14.1–14.5, 15.1–15.2 carefully.

Problems:

1. Chapter 13, exercise 13.6.
2. Chapter 13, exercise 13.8.
3. Prove equation (13.10) in the AIMA book.
4. Chapter 14, exercise 14.4. Please provide all CPTs necessary to describe the network. Use the variables e and f defined in 14.3.
5. Chapter 14, exercise 14.7 a.