Homework 3
Adversarial Search

Due: Thursday, Sept. 19th, at beginning of class (11:10AM). (Either bring hard copy to
class or submit to Blackboard by due date/time.) Only answer the section of questions for
your type of credit (U/G).

[Only answer the questions for your type of credit – undergraduate or graduate.]

1. [Everyone] Work problem 5.8, parts a-c, on page 197. (“Consider the two-player game
described in Figure 5.17…”)

2. [Everyone] Work problem 5.16, page 200. (“This question considers pruning in games with
chance nodes…”)

3. [Everyone] Work problem 5.21, page 201. (“Which of the following are true…”)

4. [Graduate students only] Work problem 5.10, page 198. (“Consider the family of
generalized tic-tac-toe games…”)