

CS 4811 Artificial Intelligence (Mini) Homework 3 — Alpha-Beta Pruning

Due: Wednesday, February 22, 2012, beginning of class

(Assigned: Monday, February 20, 2012)

Question 1 (100 points).

Perform an alpha-beta prune to the following state space. Show all the alpha (for MAX) and beta (for MIN) values you use. Mark the branches that are pruned and write the names of the nodes that will not be expanded.

