

Northern Michigan University (Marquette Co, MI)

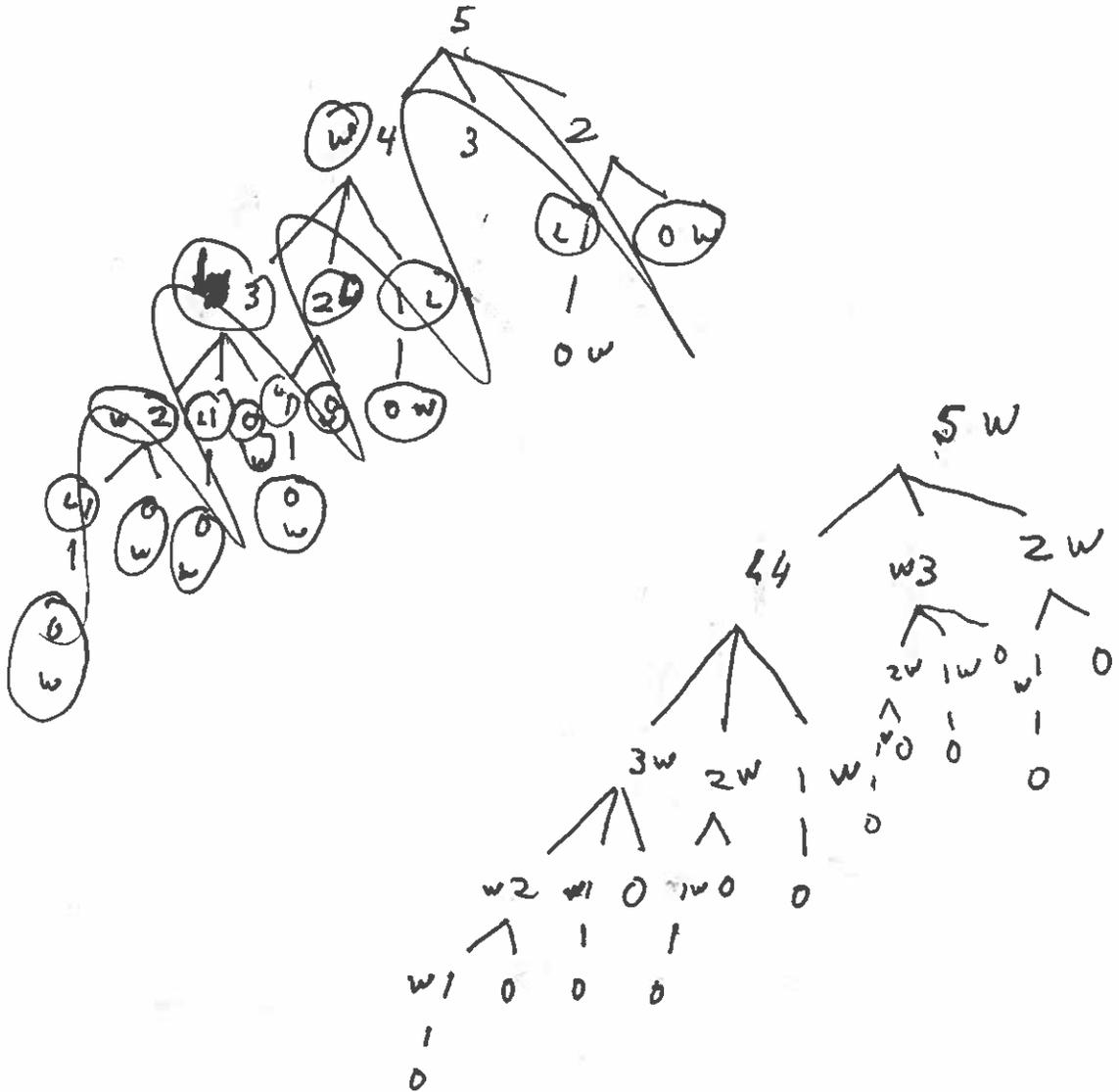
CS470-01-26W: Artificial Intelligence (Andrew A. Poe)
Quiz 1

Name: _____
Wednesday 28 January 2026 9:00 A.M. EST

Time: 15 minutes

In the game Pick Up Sticks, a player can pick one, two, or three sticks on their turn. The winner is the player who picks up the last stick.

If there are five sticks remaining, and it is your turn, use the minimax algorithm to decide how many sticks to pick up. Show all steps in your reasoning.



MY GUARANTEED WINNING MOVE IS
TO PICK UP ONE STICK