Artificial Intelligence (AI2002)

Quiz#1

Name:……………   Roll No:…………………

Q1: What is the main problem with hill climbing and how simulated annealing solve this problem?

Q:2 A chess-playing AI competes against a human, analyzing the board state and making the best possible move based on future possibilities. Identify the environment type and agent type for this scenario.

Q:3 If a person is trying to find the shortest path from Peshawar to Islamabad which algorithm should he use DFS or BFS. Explain your answer.