AI Tutorial 3

Q1.Define an Ideal rational agent.

Q2.Define an agent program. List the various type of agent program

Q3.State the various properties of environment.

Q4.What are the phases involved in designing a problem solving agent?

Q5.Define problem. What are the different types of problem? List the basic elements that are to be included in problem definition?

AI Tutorial 4

Q1.   Mention the criteria for the evaluation of search strategy.

Q2.   Differentiate blind search& heuristic search.

Q3.   List the various search strategies.

Q4.   List the various informed search strategy.

Q5.   Differentiate BFS & DFS.

Q6.   Write the time & space complexity associated with depth limited search.

Q7.   Give the drawback of DFS.

Q8.   What is called as bidirectional search?

Q9.   Explain depth limited search.

Q10.   Give the procedure of IDA* (Iterative Deepening) search.

Q11.   List some properties of SMA* (**Simplified Memory Bounded A***) search.

Q12.   List some drawbacks of hill climbing process.