

AI

1. What is AI? Explain its components.
2. Compare BFS and DFS.
3. What is Hill climbing algorithm? Explain its problems and solutions in brief.
4. Explain Water Jug problem with State Space Search Method.
5. Define different properties of task environments with example.
6. Applications of AI.
7. Different agent classifications.
8. What is rational agent? Explain Goal based agent.

SC

1. What is Soft Computing? Explain its applications.
2. Hard computing Vs Soft Computing.
3. What are the constituents of SC?