1. What is the difference between problem solving and planning?
2. What is problem reduction?
3. What capabilities must a machine possess to be called intelligent?
4. Explain importance of artificial intelligence.
5. What is AI? Explain application areas of AI in detail and also explain various AI techniques.
6. Explain Hill climbing and BFS technique.
7. What is production system? Explain its characteristics in details. Name its component.
8. Explain issues in design of search problem.
9. Explain Role of AI in problem solving
10. Explain Constraint satisfaction and its uses.
11. What is predicate?
12. Differentiate informed and uninformed search?
13. How to improve effectiveness of search based problem solving technique?
14. What is problem space?
15. List steps to solve AI problems.
16. Discuss various ways to represent a problem. How is water jug problem represented with this?