**Intelligent System Question Bank for PT2**

1. Define and explain conditional and joint probability.
2. Explain the working of Bays Theorem, Baysien N/W, Certainity Factor, Dempster Shafer Theory.
3. Solve problems based on Bays Theorem, Baysien N/W, Certainity Factor, Dempster Shafer Theory.
4. Explain different Learning methods with examples.
5. Design a plan for the given task.
6. What are the different types on plans explain with examples.
7. Write a prolog program for given knowledge base and show the execution of the given query.
8. Explain the working of an expert system.
9. Explain the working of real world expert systems like MYCIN, agricultural expert systems etc.
10. For the given tree show the working of min-max / α-β pruning algorithm.
11. Explain min-max / α-β pruning algorithms.
12. Explain Hill climbing / Simulated annealing