AI UNIT 5 Q Bank

1. Explain different Inference rule for FOL.

2. What is knowledge engineering? Explain ontology of situation calculus.

3. Explain Forward Chaining process with the help of example.

4. Explain Backward Chaining process with the help of example.

5. Differentiate between Forward Chaining and Backward Chaining

6. Differentiate between propositional logic and predicate logic.

7. Write a short note on knowledge engineering in FOL.

8. Explain Unification algorithm with example.

9. Explain Modus Ponens with suitable example.

10. Write a short note on : Resolution

11. Explain steps to convert logical statements to clausal form.

12. Explain the steps involved in converting the propositional logic statement into CNF with a suitable example.

13. Write a short note on : Semantic Networks

14. Write short note on: Events, Mental Events and Mental Objects.

15. Write short note on: categories & objects.