AI UNIT 4 Q Bank

1. Explain Knowledge based Agent in detail.

2. Explain WUMPUS World Environment giving its PEAS description.

3. Describe WUMPUS WORLD Environment.

4. Give PEAS descriptors for WUMPUS world.

5. What is reasoning? What is its role in artificial intelligence?

6. Explain various methods of knowledge representation techniques.

7. Explain knowledge representation structures and compare them.

8. What is prepositional logic? Explain with example.

9. Write syntax and semantics and example sentences for propositional logic

10. Explain the inference process in case of propositional logic with suitable examples

11. List the inference rules along with suitable example of first order logic.

12. Explain Horn Clause with example

13. Write short note on first order predicate logic.

14. Write syntax and semantics of FOL with example.