Unit 6- Planning

May 2022

1. Analyse various planning approaches in detail. [9]
2. Discuss AI and its ethical concerns. Explain limitations of AI.
3. Explain the terms for time and schedule from the perspective of temporal planning.[9]
4. Write a detailed note on AI Architecture. [8]

May 2023

1. Explain with an example State Space Planning. [5]
2. Explain with example, how planning is different from problem solving.
3. Explain AI components and AI architecture. [8]
4. Explain Planning in a non deterministic domain. [5]
5. Explain. [8]

   i) Importance of planning

   ii) Algorithm for classical planning
6. Explain Limits of AI and Future opportunities with AI. [5]

Dec 2023

1. Explain different components of the planning system. 6 Marks

2. Write a short note on planning agent, state goal and action representation 6 Marks

3. Explain the components of AI. 5 Marks

4. What are the types of planning? Explain in detail.6 Marks

5. Explain Classical Planning and its advantages with examples. 6 Marks

6. Write a note on hierarchical task network planning. 5 Marks

May 2024

1. Explain with an example Goal Stack Planning (STRIPS algorithm). [5]

2. Explain with example, how planning is different from problem solving. [5]

3. Explain AI components and AI architecture [8]

4. Explain Planning in a non deterministic domain. [5]

5. Explain. [5]

    i) Importance of planning

    ii) Algorithm for classical planning

6. What is AI explain scope of AI in all walks of Life also explain future opportunities with AI.