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Department of Artificial Intelligence and Machine Learning (AY: 2023-24)



Module I Question Bank

- 1. What is AI? Explain Application of AI.
- 2. What is PEAS? Explain different agent types with their PEAS descriptions
- 3. What are the four basic types of agent program in any intelligent system?
- 4. Explain how did you convert them into learning agents?
- 5. Explain in detail the properties of Task Environments.
- 6. Explain with example:
 - i. Stochastic Games
 - ii. Partially Observable Games
- 7. Explain with algorithm and example:
 - i. Min-max algorithm
 - ii. Alpha-Beta Pruning
- 8. Explain Adversarial Search? With example.
- 9. Explain Imperfect Real time Decisions

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