

CS8691-AI

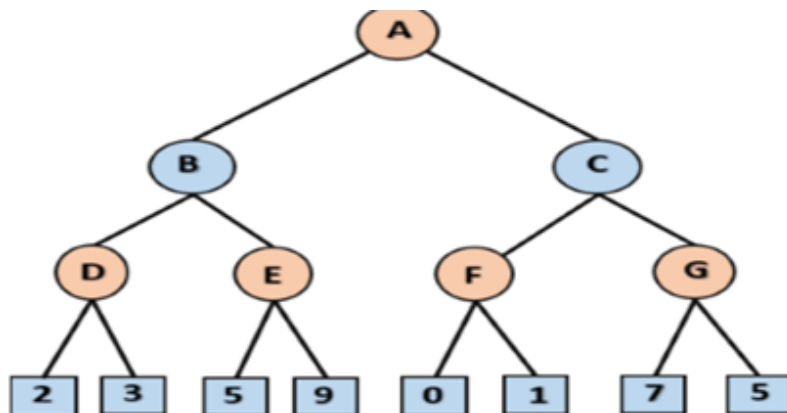
IAT-1 IMPORTANT QUESTIONS TO STUDY

PART-A

1. Illustrate about Agent.
2. Explain about PEAS representation with an example.
3. Identify the difference between uninformed and informed search algorithms.
4. Experiment with constraint satisfaction problem with examples.
5. Identify the difference between Syntax and Semantics
6. Illustrate about Artificial Intelligence.
7. Outline the steps involved in simple problem-solving agent.

PART-B

1. Explain about the different types of Intelligent Agents with neat diagrams.
2. Explain in detail about Problem Solving Approach to Typical AI Problems.
3. Explain Informed Search with examples.
4. Explain Uninformed Search with neat examples.
5. Apply alpha-beta pruning technique for the given tree and write its pseudocode.



6. Experiment with first order predicate logic with their syntax and semantics