



G.S.Mandal's  
**Marathwada Institute of Technology, Aurangabad.**  
*Approved by All India Council for Technical Education(AICTE), Delhi*  
*Affiliated to Dr. Babasaheb Ambedkar Marathwada University, Aurangabad*  
*Affiliated to Dr. Babasaheb Ambedkar Technical University, Lonere*

**Department of Electrical Engineering**

### **Question Bank – AI – Unit 3**

**Que:1** Explain the concept of forward chaining and backward chaining along with the rules?

**Que:2** What is the difference between Semantic net and Frames? Explain using example.

**Que:3** What is the difference between monotonic and non-monotonic reasoning.

**Que:4** Explain the concept of Truth Maintenance system using a suitable example.

**Que:5** Write a script of a conversation between two people in a restaurant using own objects and scenes?



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### **Question Bank – AI – Unit 4**

**Que:1** What do you understand by Goal Stack Planning? Explain with an example.

**Que:2** What are the rules for block world problem? Write the rules along with preconditions.

**Que:3** Explain the concept of planning? What are the various components of a planning.?

**Que:4** Explain Non Linear planning using Constraint pasting. List down all the constraints with a suitable example.

**Que:5** Describe in brief:

1. Hierarchical Planning
2. Reactive Systems