

Artificial Intelligence

Assignment # 01

Spring 2012

Marks: 30

Due Date

Your assignment must be uploaded before or on **03rd May 2012.**

Uploading instructions:

- **Upload your assignment as a word file. It should have name [YourRollNo.doc]**

Rules for Marking:

It should be clear that your assignment will not get any credit if:

- The assignment is submitted after due date.
- The submitted assignment file is corrupted.
- The assignment is copied.

Note:

Your answer must follow the below given specifications. **You will be assigned zero marks if you do not follow these instructions.**

- Font style: "Times New Roman"
- Font color: "Black"
- Font size: "12"
- **Bold** for heading only.
- Font in *Italic* is not allowed at all.
- No formatting or bullets are allowed to use.

Assignment:

- Q01.** Simulate the Minimax procedure with Alpha Beta Pruning algorithm on the following search tree and find the Max value.
- Q02.** How would you re-order the nodes in order to get maximal pruning when using the alpha-beta algorithm for the given tree? Feel free to use the figure to show the re-ordering.

