

## Assignment No 1

### Deadline

Your assignment must be uploaded/submitted before or on **26<sup>th</sup> of August, 2015**.

### Objectives

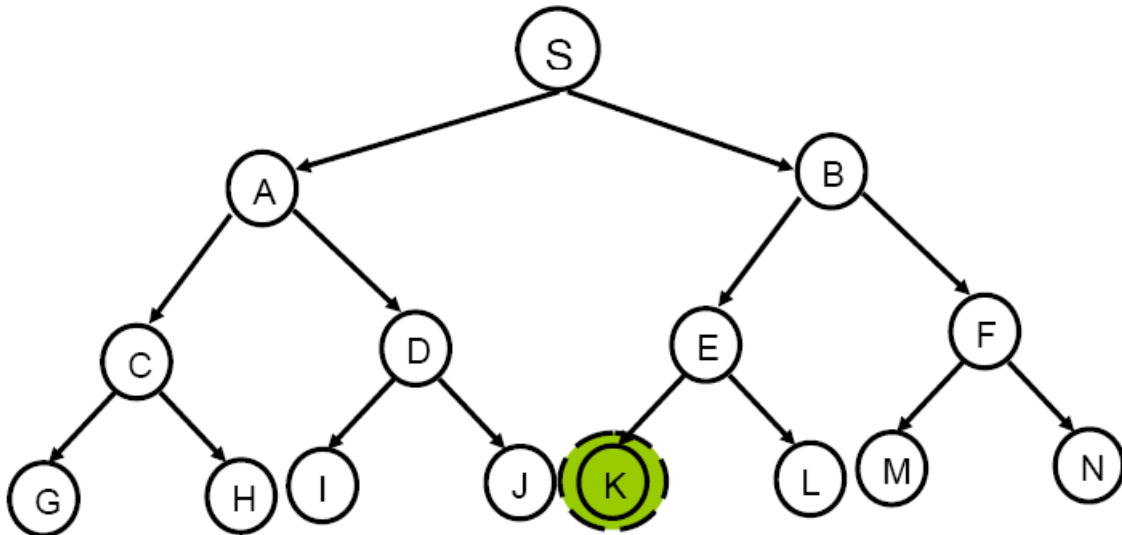
The objectives of this assignment are:

- Giving the concept of problem representation and solution space to the students.
- To introduce students with various searching techniques used in AI
- Making students proficient in applying these techniques.

### **Question No.1**

**Marks 20**

- Apply the depth first search on tree given below to reach the goal K.
- Apply the breadth first search on tree given below to reach the goal K.



	Q	Visited
1		
2		
3		
4		
5		
.....	.....	.....
.....	.....	.....

**Uploading Instructions:**

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