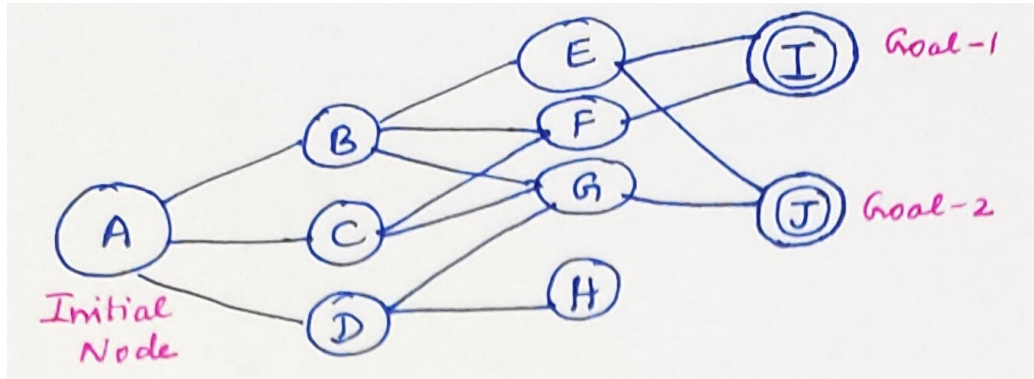


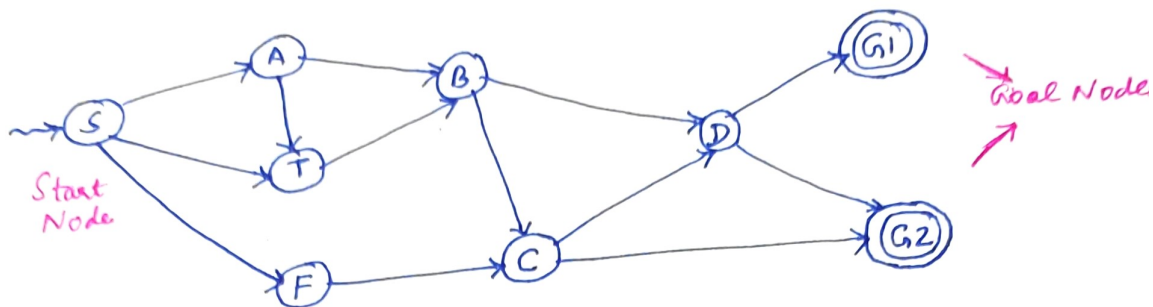
PSG COLLEGE OF TECHNOLOGY
DEPARTMENT OF COMPUTER APPLICATIONS
PRACTICE TUTORIAL

NAME:		ROLL NO.:	
CLASS: MCA	COURSE: ARTIFICIAL INTELLIGENCE	(23MXAG)	SEM: 2

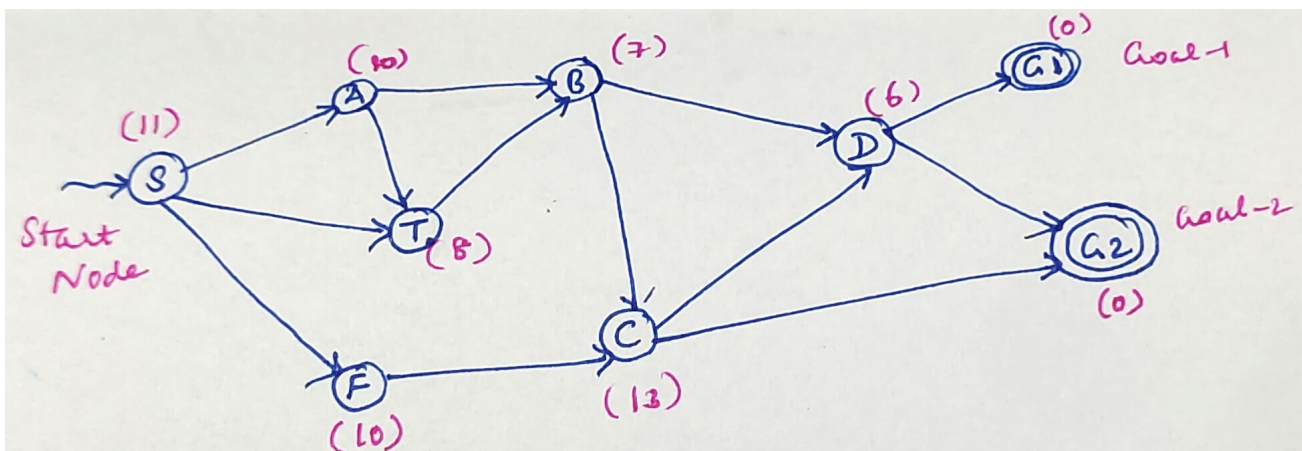
- 1) Consider the following state space model of an AI problem to trace Depth First Search. Clearly provide the steps and mention which of the goal states is reached first.



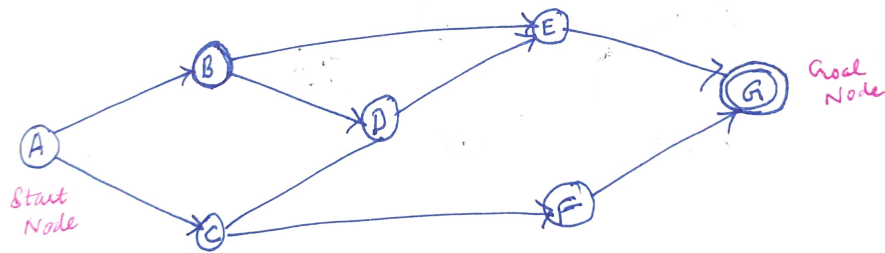
- 2) Trace the following state space model of an AI problem using Breadth First Search. Indicate the steps and mention which of the goal states is reached first.



- 3) For the following state space model of an AI problem, trace Best First Search, providing the steps and mention which of the goal states is reached first.



- 4) Consider the following state space model of an AI problem to trace Depth First Search. Clearly provide the steps and mention which of the goal states is reached first.



- 5) For the following state space model of an AI problem, trace Breadth First Search, providing the steps and mention which of the goal states is reached first.

