Artificial Intelligence & Expert Systems Assignment

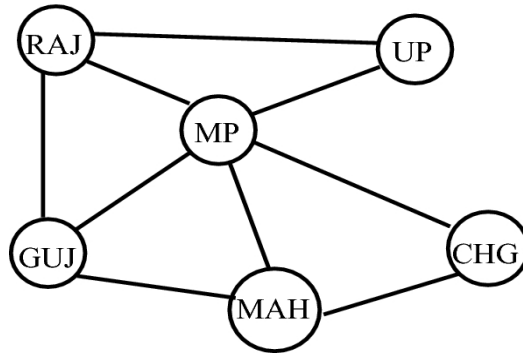## Mid-Term Assessment

Marks:10

Mention Name, ID, Course, Section, Serial number in heading. Then write down your solution. Upload the Microsoft word file in Microsoft TEAMS.

Submission Date: Sunday 16/03/2021 10:00 PM

Question:

1. *Apply MRV and Degree Heuristic with Forward Checking on below Adjacency Graph of few states of India.*

   [Solve by yourself. Do not copy from others. This will lead to serious punishment]

2. *Apply Greedy Best-first Search, A* Search on below graph and find Minimum path from S(Initial)-->D(Goal). Write down both approach calculation steps and solution.*

   [Solve by yourself. Do not copy from others. This will lead to serious punishment]

Heuristic Value H(SLD)	S	A	B	C	D
	7	4	2	1	0