

CO1

1.	With reference to Artificial Intelligence definition elaborate: a) Thinking Humanly b) Thinking Rationally c) Acting Humanly and d) Acting Rationally.	choice Q-2	4.5Marks
2.	Define PEAS for an automated taxi.		4.5Marks
3.	Discuss how an Intelligent Agent interacts with Environment with the help of a suitable diagram.	choice Q-4	8Marks
4.	Compare Breadth First Search algorithm with A* algorithm.		8Marks
5.	Discuss the logic of Greedy Best First Search Algorithm with example. Compare Greedy Best First Search with Best First Search.	choice Q-6	12.5Marks
6.	List the production rules of water jug problem. Illustrate how you solve the water jug problem with the help of production rules.		12.5Marks