



Chandigarh Engineering College Landran, Mohali
Department of Computer Science and Engineering

Assignment No.1

Subject Name & Code: Artificial Intelligence & BTCS 602-18
Date of Assignment: 11-3-2022

Semester: 6th
Date of Submission: 17-3-2022

Total Marks: 10

Course Outcomes

CO1	Build intelligent agents for search and games.
CO2	Solve AI problems by learning various algorithms and strategies.
CO3	Understand probability as a tool to handle uncertainty.
CO4	Learning optimization and inference algorithms for model learning.
CO5	Design and develop programs for a reinforcement agent to learn and act in a structured environment.

Assignment related to COs		Marks (10)	Relevance to CO No.
Q1	Differentiate Model Based reflex agents and Goal based agents.	2.5	CO1
Q2	Expound Game search in Artificial Intelligence.	2.5	CO1
Q3	Discuss the steps of Problem solving and how to measure its performance?	1.5+1=2.5	CO2
Q4	Elucidate the steps of Travelling Salesman Problem.	2.5	CO2

