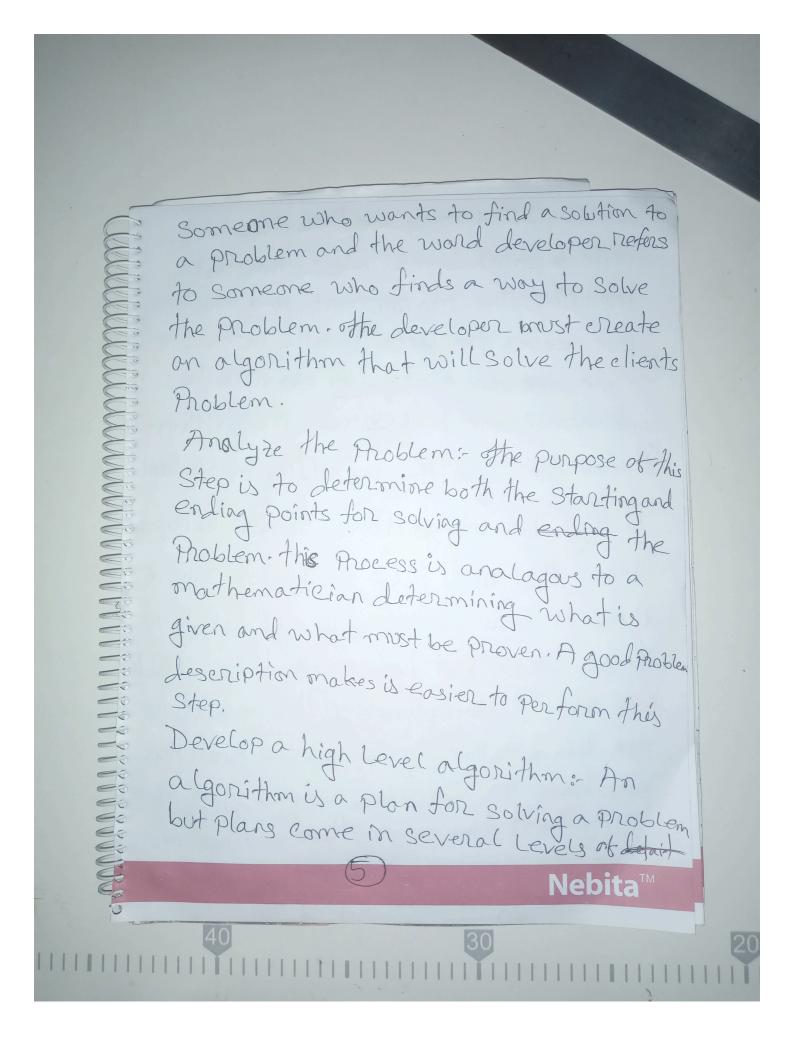


Search but is also complete and optimal but is also Since it will with visit all the nooles on the same Level first before continuing on to the next level in the next round when the depth is meremented. Ans 1. 6): In Antificial Intelligence search techniques are universal problem solving methods. Problem solving agents in Almostly to solve a specific problem and provide the best nesult Problem solving agents are the goal basedagents and use atomie representation. In this topic we will learn Various Problem Solving Search algorithms. Obtain a description of the Problem. ofhis Step is much more difficult than it appears. In the following discussion the word. In the following discu client neters to



Setail. It's usually better to start with a high Level algorithm that includes the major part of a solution but leaves the details until later. We can use an every day example to demonstrate a high level algorithm. Refine the algorithm by adding more detail A high-level algorithm Shows the major Steps that need to be followed to solve a Problem. Now we need to add details to These Steps, but how much detail Should We add? infortunately, the answer to The this avestion depends on the situation We have to consider who is going to implement the algorithm and how much that Person abready knows how to \$0 do. If Someone is gold to I

implement the algorithm and how much that Person already knows how to do. If Someone is going to purchase mark's birthday card on my behalf ony instructions have to be adapted to whether on not that person is familian with the stones in the community and how Well the Purchaser known my brothers taste in greeting cards. Ans 4. 0) Problem Solving Agent An agent that tries to come up with a Sequence of actions that will bring the Environment into a desired State. Search. The Process of Looking for such a sequence involving a systematic explonation of alternative actions. **Nebita**™

