Name 3- Mitwi Ramesh Nalawade class &- BE-IT Ron No :- 39 Subj :- AI DOP. DO.A marks Sign

Min - max Algorithm 5min-max algorithm:
min max algorithm is a recursive lacktracking algo which is used in decision making and game theory. It provide an optimal move for the player assuming that opponent is also playing optimal - min max algo uses recursion to search the game-tree. To this algo two players play the game, one is called MAX and other is called MII min - max algo is mostly used tor game playing in AI-Step 1 0lets take A' is the initial State of tree. Suppose maximizes takes first too (when or) which has worst-case initial value = - initially, and minimize will take next turn which has worst case initial value = + inbinity





