VIVA

- Q → 1) What is at search algorithm?
- Q+ 2) What are the methods used to calculate distance approximation heuristically? Q>3) What is a heuristic function?
- Q+4) What are agents! How an agent ares remort
- Q+5.) How an agent uses semon!
- Q+7) Where are IDS and a* algorithms in red life application?

Answers :-

- Q+1) at search algorithm Searches and calculate the shortest distance between the source and destination i.e., from initial state to find state
- Q-3) Heuritic function is a way to inform the search, about the direction to a goal. It provides an informed way to guess which neighbour of a node will lead to a
- Q+ 4) In AI, agents are entities that acts and in a manner & in order to orliere desired goals, vivy remotes
- Q-2) Different methods to colculate distance hewistically are: -
 - -> Monhatton distance
 - -> Euclidean distance
- Q+6) IDS a is different to thon other algorithms like BFS, DFS as in every call, DFS is restricted from going beyond given depth. So, it doesn't require more space and time.
- Q+S.) Agents mainly detects the change in environment and sends the int use the information to achive its distinction goal
- Q+ 1.) IDS can be used in 6785 navigation system. at used in finding shortest diet blar two cities