Jayawant Shikshan Prasarak Mandal’s

Bhivarabai Sawant Institute of Technology & Research

Wagholi, Pune – 412 207

Department Of Computer Engineering

Academic Year 2018-19 SEM: I

Class : BE-B Subject : AIR

Assignment 1

1. What is Artificial Intelligence? State and explain various application areas of Artificial Intelligence.
2. Explain Depth Bounded DFS and Depth First Iterative Deepening methods with an example.
3. Explain Hill Climbing algorithm. State the problems that arise in hill climbing search and explain the ways to overcome it.
4. Explain tabu Search.
5. Explain A\* search. Solve 8-puzzle problem using A\* search.