

Gujarat University
Department of Computer Science
MCA – II
Artificial Intelligence

Unit-1 Assignment

1. Write any two definition of AI and explain its application in detail.
2. What is AI Technique? Write your own AI technique to solve a 3x3 Tik-Tac-Toe strategy-2'.
3. Explain different task domain of AI.
4. Explain Mini-Max procedure for 3x3 Tik-Tac-Toe.
5. Explain the following:
 - I. Is Tik-Tac-Toe board extensible to a 4x4 board for two players? Justify.
 - II. Can it be extended to 5x5 for three players? Justify.