



ADITYA DEGREE COLLEGES

* ANDHRA PRADESH *

IV – SEMESTER MID - I - EXAMINATIONS INTRODUCTION TO AI (AI MAJOR)

Max. Marks: 60 M
Time: 2 Hours

Date:

SECTION – A

I. Answer any **FIVE** of the following Questions.

5X4= 20 M

1. What is AI? Define it in your own words?
2. What is the History of AI?
3. What are the problems with AI?
4. What is searching for solutions?
5. What are called uniformed search strategies and its types?
6. What are called partially informed search strategies and its types?
7. Explain the structure of agent?
8. What is problem formulation?

SECTION - B

II. Answer the following Questions.

4X10= 40 M

9. a. Explain about agent and its types?

(OR)

- b. Explain about agents and Environment with example?

10. a. Explain the concept of Rationality?

(OR)

- b. Explain the Nature of Environments (or) types of environments?

11. a. Explain Breadth first search?

(OR)

- b. Explain Depth first search?

12. a. Explain Hill climbing Algorithm?

(OR)

- b. Explain A* Algorithm.

* * * *

-SUBJECT NAME-
INTRODUCTION TO AI (AI MAJOR)