



In Semester Examination-1, Feb 2022

Basics of Artificial Intelligence

YEAR/SEM: ST/ SEM IV

DATE: 15/2/2022

BRANCH: AIML

TIME: 10:00 AM to 11:00AM

MARKS: 20

Instructions:

1. All questions are compulsory.
2. Figures to the right indicate full marks.
3. Solve any 10 MCQ out of 12.
4. Each question carries 1 mark.

Subjective Questions

Instructions:

1. All questions are compulsory.
2. Assume suitable data wherever necessary and state the assumptions made.
3. Figures to the right indicate full marks.

Subjective Type Question (10 Marks)

Q2 Solve any 1 (5 Marks)

Q2.a Illustrate All Agent types w.r.t the limitations of each

MARKS

5

Q2.b Articulate the task environment properties for Flipkart Supermarket Agent

5

Q3 Solve any 1 (5 Marks)

Q3.a Compare all uninformed search techniques

5

Q3.b Explain Iterative Deepening Search Strategy with its algorithmic Properties

5