

THAKUR COLLEGE OF ENGINEERING & TECHNOLOGY

Zagdu Singh Charitable Trust's (Regd.)

Autonomous College Affiliated to University of Mumbai Approved by All India Council for Technical Education(AICTE) and Government of Maharashtra(GoM)

Conferred Autonomous Status by University Grants Commission (UGC) for 10 years w.e.f. A.Y 2019-20 Amongst Top 200 Colleges in the Country, Ranked 193^d in NIRF India Ranking 2019 in Engineering College category

- ISO 9001:2015 Certified Programmes Accredited by National Board of Accreditation (NBA), New Delhi
- Institute Accredited by National Assessment and Accreditation Council (NAAC), Bangalore

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 Q2.a	Solve any 1 (5 Marks) 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