



# PRESIDENCY UNIVERSITY

BENGALURU

Roll No.														
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## Mid - Term Examinations - MARCH 2026

Date: 10 - 03- 2026

Time: 02:00pm - 03:30pm

School: SOCSE	Program: CAI	
Course Code : CAI2511	Course Name: Ethics of AI	
Semester: IV	Max Marks: 50	Weightage: 25%

CO - Levels	CO1	CO2	CO3	CO4	CO5
Marks	24	26	0	0	0

### Instructions:

- (i) Read all questions carefully and answer accordingly.
- (ii) Do not write anything on the question paper other than roll number.

### Part A

Answer ALL the Questions. Each question carries 2marks.

5Q x 2M=10M

1	Differentiate between applied ethics and normative ethics with one AI-related example	2 Marks	L2	CO1
2	What is historical bias in AI systems? Why is it considered ethically problematic?	2 Marks	L1	CO1
3	State Kant's Categorical Imperative. How does it support privacy or human rights in AI systems?	2 Marks	L1	CO2
4	What is accountability in AI systems? Who can be held responsible when AI causes harm?	2 Marks	L2	CO2
5	What is indirect (proxy) discrimination? Mention one real-world AI application where it may occur.	2 Marks	L2	CO2

## Part B

Answer the Questions.

Total Marks 40M

6.	a.	<b>Define</b> algorithmic bias <b>and</b> discrimination. <b>Explain how bias can enter different stages of the AI lifecycle.</b>	10 Marks	L2	CO2
	b.	Explain any <b>five types of algorithmic bias</b> with suitable examples. Discuss why these biases are ethically concerning.	10 Marks	L1	CO2
<b>Or</b>					
7.	a.	A facial recognition system performs poorly for people with darker skin tones. Identify the type(s) of bias involved and propose ethical measures to address this issue.	10 Marks	L3	CO2
	b.	Discuss the concept of <b>fairness in machine learning</b> . Why is achieving fairness more complex than traditional software systems?	10 Marks	L2	CO2

8.	a.	<b>Explain the</b> capabilities of AI systems <b>and discuss their</b> positive and negative impacts on society. <b>Why is ethical oversight essential in AI deployment?</b>	10 Marks	L1	CO1
	b.	Identify and explain the <b>key stakeholders involved in AI development and deployment</b> . Discuss their ethical responsibilities with respect to fairness and accountability.	10 Marks	L2	CO1
<b>Or</b>					
9.	a.	Discuss the <b>Amazon AI hiring tool case study</b> . Identify the ethical issues involved, the principle violated, and the lessons learned for responsible AI development	10 Marks	L3	CO1
	b.	Explain the concept of <b>moral dilemmas in AI systems</b> . Why is it important to accept ethical disagreement and ensure transparency in AI decision-making?	10 Marks	L2	CO1