



PRESIDENCY UNIVERSITY

BENGALURU

Roll No.

End - Term Examinations –May/June 2026

Date: 19-05-2026

Time: 09:30am – 12:30pm

School: SOCSE	Program: CAI	
Course Code: CAI2511	Course Name: ETHICS OF AI	
Semester: IV	Max Marks: 100	Weightage: 50%

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

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.

10Q x 2M=20M

1.	Define meta-ethics	2 Marks	L2	CO1
2.	What is utilitarianism?	2 Marks	L1	CO1
3.	State one ethical risk of autonomous AI systems.	2 Marks	L2	CO2
4.	What is algorithmic bias?	2 Marks	L2	CO2
5.	Differentiate bias and discrimination.	2 Marks	L2	CO2
6.	Define demographic parity	2 Marks	L2	CO3
7.	What is informed consent in data ethics?	2 Marks	L1	CO3
8.	What is surveillance in AI context?	2 Marks	L1	CO4
9.	Define explainability in AI.	2 Marks	L2	CO4
10.	What is Human-in-the-Loop (HITL)?	2 Marks	L1	CO4

Part B

Answer the Questions.

Total Marks 80M

11.	a.	Explain the three branches of ethics with examples.	20 Marks	L2	C01
	b.	Discuss normative ethical theories and their relevance to AI		L2	C01
	c.	Analyze the trolley problem and its significance in AI ethics		L4	C01
Or					
12.	a.	Discuss the role of ethics in AI decision-making systems	20 Marks	L2	C01
	b.	Explain stakeholders in AI development with responsibilities		L2	C01
	c.	Analyze Amazon hiring case study with ethical implications		L4	C01

13.	a.	Explain different types of algorithmic bias with examples.	20 Marks	L2	C02
	b.	Discuss fairness definitions in machine learning.		L2	C02
	c.	Explain fairness vs accuracy trade-off with scenario.		L2	C02
Or					
14.	a.	Explain where bias enters AI lifecycle	20 Marks	L2	C02
	b.	Discuss accountability and transparency in AI systems		L2	C02
	c.	Explain auditing process for ethical AI compliance		L2	C02

15.	a.	Explain data privacy and types of personal data.	20 Marks	L2	C03
	b.	Discuss ethical concerns in surveillance technologies.		L2	C03
	c.	Explain informed consent and its challenges		L2	C03
Or					
16.	a.	Explain data governance in AI systems.	20 Marks	L2	C03
	b.	Discuss privacy laws (GDPR, DPDP Act).		L2	C03
	c.	Analyze social media data misuse case study.		L4	C03

17.	a.	Explain explainability vs interpretability.	20 Marks	L2	C04
	b.	Discuss EU AI Act and its risk categories		L2	C04
	c.	Explain human-in-the-loop with examples.		L2	C04
Or					
18.	a.	Explain AI alignment problem with example	20 Marks	L2	C04
	b.	Discuss impact of AI on labor and employment.		L2	C04
	c.	Analyze digital divide in AI adoption.		L4	C04