



USN

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

BAI358B

Third Semester B.E./B.Tech. Degree Examination, Dec.2024/Jan.2025

Ethics and Public Policy for AI

Time: 2 hrs.

Max. Marks: 50

- Note: 1. Answer any FIVE full questions, choosing ONE full question from each module.
2. M : Marks , L: Bloom's level , C: Course outcomes.*

Module – 1			M	L	C
Q.1	Explain about unified framework of five principal for ethical AI.		10	L2	CO1
OR					
Q.2	List and explain seven essentials for achieving trustworthy AI.		10	L2	CO1
Module – 2					
Q.3	Identify the following essential factors for successful AI 4SG : i) Falsifiability and Incremental deployment ii) Safeguards against the manipulation of predictors		10	L2	CO2
OR					
Q.4	Analyze and explain the Six type of ethical concerns Raised by Algorithms.		10	L2	CO2
Module – 3					
Q.5	Analyze the importance of considering the following factors for successful AI 4SG i) Privacy protection and Data subjected consent ii) Situational Fairness		10	L2	CO3
OR					
Q.6	Explain Human – friendly Semantiasation.		10	L2	CO3
Module – 4					
Q.7	With neat figure of AI Road map, describe the different AI paradigms and the AI problem Domains.		10	L2	CO4
OR					
Q.8	Describe the importance of Scope, Risk Identification and assessment and defined roles and Responsibilities during design phase in managing Risk of AI.		10	L2	CO4
Module – 5					
Q.9	Interpret the Role of humans in AI Ethics.		10	L2	CO5
OR					
Q.10	List out the implications of medical Bias in healthcare and demonstrate, how to ensure equitable healthcare AI.		10	L1	CO5
