

Roll No.

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

ANNA UNIVERSITY (UNIVERSITY DEPARTMENTS)

B.E. / B. Tech / B. Arch (Full Time) - END SEMESTER EXAMINATIONS, NOV/DEC 2023



MANUFACTURING ENGINEERING
Semester-V
GE5076 & Professional Ethics in Engineering

(Regulation 2019)

Time: 3hrs

Max.Marks: 100

CO 1	Use ethical theories in the professional life
CO 2	Do social experimentation with engineering approaches
CO 3	Follow safety norms in the engineering practices
CO 4	Confidence in their approaches and claim their rights
CO 5	Take moral leadership with the knowledge in global practices

BL – Bloom's Taxonomy Levels

(L1 - Remembering, L2 - Understanding, L3 - Applying, L4 - Analysing, L5 - Evaluating, L6 - Creating)

PART - A (10 x 2 = 20 Marks)
(Answer all Questions)

Q. No	Questions	Marks	CO	BL
1	Define the term Engineering Ethics	2	CO 1	L1
2	Define the term Professionalism	2	CO 1	L1
3	Differentiate work Ethics and Research Ethics.	2	CO 2	L2
4	Differentiate Ethics and Morals	2	CO 2	L2
5	Define the term Risk	2	CO 3	L1
6	Compare bribe and gift	2	CO 3	L2
7	Define the term IPR.	2	CO 4	L1
8	Compare Copyright and Patent	2	CO 4	L2
9	Define the term computer Ethics	2	CO 5	L1
10	Differentiate Business Ethics and Environmental Ethics	2	CO 5	L2

PART - B (5 x 13 = 65 Marks)
(Restrict to a maximum of 2 subdivisions)

Q. No	Questions	Marks	CO	BL
11 (a)	Explain the Gilligan's theory for moral development.	13	CO 1	L2
OR				
11 (b)	Explain in details about the sense of engineering ethics.	13	CO 1	L2
12 (a)	Analyze the different models of professional roles	13	CO 2	L4
OR				
12 (b)	Analyze with suitable example the need of tolerance for different customs and ethical pluralism in adverse society.	13	CO 2	L4
13 (a)	Explain the safety lessons that can be learned from Bhopal disaster. Discuss the role of Governments regulators' in reducing the risk.	13	CO 3	L4
OR				
13 (b)	Analyze the concept of Risk Benefit with an example	13	CO 3	L4
14 (a)	Illustrate with suitable example the Collective bargaining.	13	CO 4	L3
OR				

