

GUJARAT TECHNOLOGICAL UNIVERSITY

BE- SEMESTER-V (NEW) EXAMINATION – WINTER 2024

Subject Code:3152908

Date:05-12-2024

Subject Name: Professional Engineering Ethics

Time:10:30 AM TO 01:00 PM

Total Marks:70

Instructions:

1. Attempt all questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.
4. Simple and non-programmable scientific calculators are allowed.

	Marks
Q.1 (a) Define ethics and Name the five core human values.	03
(b) Differentiate between self respect and self esteem.	04
(c) Explain Fundamental Human Rights.	07
Q.2 (a) Explain the caring and sharing.	03
(b) State the senses of 'engineering ethics'.	04
(c) Explain the environmental ethics.	07
OR	
(c) Define computer ethics. Explain the different problems related to the computer ethics	07
Q.3 (a) What is risk? Explain categories of risk.	03
(b) How morality is different from ethics?	04
(c) State the uses and criteria of right action theories and explain any one theory.	07
OR	
Q.3 (a) Define service learning.	03
(b) Write briefly about the lessons learnt from Challenger case.	04
(c) Explain the Kohlberg's and Gilligan's theory.	07
Q.4 (a) Define 'value'?	03
(b) State the importance of team work.	04
(c) Discuss in detail about the case study: Bhopal gas tragedy.	07
OR	
Q.4 (a) What is agency loyalty?	03
(b) What is meaning of inquiry? Explain types of Inquiries.	04
(c) What is balanced outlook on law? Write briefly.	07
Q.5 (a) List the Industrial Standards.	03
(b) Write briefly about civic virtues.	04
(c) Explain way to fulfill ethical responsibility for consulting engineering.	07
OR	
Q.5 (a) What is collegiality?	03
(b) Why do people behave unethically? Or why and how do moral problems arise in a profession?	04
(c) Discuss in detail testing strategies for safety.	07
