

Roll No.

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

B.E / B.Tech/ (FT) END SEMESTER EXAMINATIONS – APR / MAY 2019

Civil, ECE, Indus, Mech-T, **CSE**
Semester VIII

GE8751 – Engineering Ethics and Human Values
(Regulation 2012)

Time: 3 Hours

Answer ALL Questions

Max. Marks 100

PART-A (10 x 2 = 20 Marks)

1. Define the term integrity.
2. What are the characteristics of self confidence people?
3. Why study the Engineering Ethics?
4. What is meant by moral disagreement?
5. What is meant by moral autonomy?
6. Write the Engineers responsibility.
7. What are the steps involved in the risk assessment?
8. Write the various types of conflicts of interest.
9. Write the duties of the Engineers in connection with environmental ethics.
10. Differentiate between the eye witness and expert witness.



Part – B (5 x 16 = 80 Marks)

11. (i) Describe the five system values (8)
(ii) What are the characteristics to be followed for practicing Empathy (8)
12. a) (i) Explain the Gilligan theory of moral development. (8)
(ii) Write the uses of ethical theories. (8)
OR
b) (i) Explain the models of professional roles. (8)
(ii) Write short notes on Self-Interest. (8)
13. a) Write the code of ethics and its limitations. (16)
OR
b) In challengers case study, answer the following questions (16)
1) What happened in challengers vehicle?
2) What are moral issues identified in the challengers case study?

- 3) What are conceptual issues observed in challengers case study?
- 4) What are factual issues identified from the challengers case study.

14. a) (i) Discuss about the assessment of safety and risk. (8)
(ii) Write the risk benefit analysis. (8)

OR

- b) (i) Explain about the employee rights. (8)
(ii) Write the short notes on Intellectual Property rights and write the needs for protection of IP. (8)

15. a) (i) Discuss about the environmental ethics and issues. (8)
(ii) What are various types of issues available in connection with computer ethics? (8)

OR

- b) (i) Discuss the moral leadership is essentially required for engineers and write the reasons for the moral leadership. (8)
(ii) Write the code of ethics for the institute of electrical and electronics engineers. (8)

