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21.16 FN

Reg. No. :

Question Paper Code : 21639

B.E./B.Tech. DEGREE EXAMINATION, NOVEMBER/DECEMBER 2015.

Seventh Semester

Electronics and Communication Engineering

GE 2025/GE 606/10177 GE 005/10144 CSE 59 — PROFESSIONAL ETHICS IN
ENGINEERING/PROFESSIONAL ETHICS AND HUMAN VALUES

(Common to Fifth Semester – Textile Technology / Textile Technology
(Fashion Technology) and Biotechnology)

(Also common to Sixth Semester – Civil Engineering, Automobile Engineering and
Electrical and Electronics Engineering)

(Regulations 2008/2010)

(Common to 10144 CSE 59/10177 GE 005 – Professional Ethics in Engineering for
BE. (Part-Time) Fifth Semester – Civil Engineering and
Electrical and Electronics Engineering, Seventh Semester – CSE/ECE/
Mechanical – Regulations 2010)

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

PART A — (10 × 2 = 20 marks)

1. Differentiate Ethics from Morale.
2. Define Profession and Professionalism.
3. What is Engineering Ethics?
4. What is meaning of Continuum?
5. What is Occupational crime?
6. What is Collective Bargaining?
7. Differentiate Collegiality from Loyalty.
8. What is Global Rule?
9. What is Hired Gun?
10. Differentiate Bribe from Gift.

PART B — (5 × 16 = 80 marks)

11. (a) Compare and contrast the psychological theory of Kohlberg and Gilligen. (16)

Or

- (b) Discuss on “Ethical behavior of an individual is same who is alone or in a Group” and “should ethic be promoted or imposed”. (16)
12. (a) Explain the concept of conflict of interest with examples from consulting engineers. (16)

Or

- (b) Discuss the importance of code of ethics for engineers in order to maintain the industrial standards. (16)
13. (a) Explain the relationship between Safety-Risk-Cost-price. (16)

Or

- (b) Explain the process of Risk assessment and Risk benefit analysis in any Industry. (16)
14. (a) Explain the process of Collective Bargaining in the Indian context. (16)

Or

- (b) Explain how the Intellectual Property Rights are protected in India Statutorily. (16)
15. (a) Discuss the concept of Environmental Ethics and Business Ethics in the context of technological development. (16)

Or

- (b) Develop a model code of conduct for Multinational Corporation which is employing mainly software engineers. (16)