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Question Paper Code : 51232

B.E./B.Tech. DEGREE EXAMINATION, NOVEMBER/DECEMBER 2014.

Sixth/Eighth Semester

Computer Science and Engineering

080230038/ 080280080 — PROFESSIONAL ETHICS

(Common to Electrical and Electronics Engineering)

(Regulation 2008)

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

PART A — (10 × 2 = 20 marks)

1. What is work ethic?
2. Define the term commitment.
3. Write a brief note on Conceptual Inquiries.
4. Write any four uses of ethical theories.
5. What are the conditions that are essential for a valid informed consent?
6. What are the limitations of “code of ethics”?
7. Compare public risk and personal risk.
8. How does identification loyalty differ from agency loyalty?
9. How do you internalize the costs of environmental degradation?
10. What are the three senses of relative values?

PART B — (5 × 16 = 80 marks)

11. (a) Write short notes on:
 - (i) Work ethic service learning (8)
 - (ii) Living peacefully and honestly. (8)

Or

- (b) Explain the following:
 - (i) Courage and valuing time (8)
 - (ii) Cooperation and commitment. (8)

12. (a) Discuss any two case studies on professional disagreements an engineer may encounter and discuss how you would act in that situation. (16)

Or

- (b) Explain Gilligan's theory and compare with Kohlberg's theory. (16)

13. (a) Give an exhaustive description of the ethical violations in Challenger Space Shuttle. (16)

Or

- (b) (i) Tabulate the types of Industrial standards with their criterion and purpose. (8)

- (ii) Describe in detail the codes of ethics. (8)

14. (a) (i) Discuss the right of conscientious refusal and right to recognition. (8)
(ii) What is the importance of loyalty and collegiality in team work? (8)

Or

- (b) Discuss the ways and means of reducing occupational crime in industries. (16)

15. (a) Discuss how a process or a product of your interest in engineering filed damages the environment. Describe the alternatives to the regulatory approach to examine the laws designed to protect the environment. (16)

Or

- (b) Describe the role of engineer as expert witness and advisor. (16)
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