

C 29730

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Name

Reg. No.

**SEVENTH SEMESTER B.TECH. (ENGINEERING) DEGREE EXAMINATION
OCTOBER 2012**

Electrical and Electronics Engineering

EE 09 L11—PROFESSIONAL ETHICS

(2009 admissions)



Time : Three Hours

Maximum : 70 Marks

Part A

Answer all questions.

1. What is misguided loyalty ?
2. What is an industrial design ?
3. What is moral leadership ?
4. Name the various approaches to solve environmental problems.
5. Enumerate the human values for engineers.

(5 × 2 = 10 marks)

Part B

Answer any four questions.

6. What are the basic concepts of right action ?
7. Explain the concept of moral autonomy.
8. Explain the concept behind confidentiality of information.
9. What is cost benefit analysis ?
10. Explain service learning.
11. Explain the concept of integrity of character.

(4 × 5 = 20 marks)

Part C

Answer Section (a) or (b) of each question.

12. (a) What are the skills to be cultivated that would help accomplish moral autonomy.

Or

- (b) What are the major differences between engineering and management decisions. Explain with the help of examples.

13. (a) Explain the explosion at Chernobyl from the viewpoint of safety and risk.

Or

- (b) Would knowledge of risk help you to have better safety standards or safe products ? Substantiate your argument with suitable case studies.

Turn over

14. (a) Explain computer ethics problems with the help of suitable case studies.

Or

(b) Explain the role of engineers as managers.

15. (a) What are morals, values and ethics ? Explain the concepts with suitable examples.

Or

(b) Explain how caring, sharing, honesty and courage help to achieve success in professional life.

(4 × 10 = 40 marks)