

G 1694

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Reg. No.....

Name.....



B.TECH. DEGREE EXAMINATION, MAY 2015

Eighth Semester

Branch : Applied Electronics and Instrumentation/Electronics and Communication/Electronics and Instrumentation/Instrumentation and Control Engineering

AI 010 805 G04/EI 010 805 G06/EC 010 805 G06/IC 010 805 G06—PROFESSIONAL ETHICS
(Elective IV) (AI, EI, EC, IC)

(New Scheme—2010 Admission onwards)

[Regular/Supplementary]

Time : Three Hours

Maximum : 100 Marks

Part A

*Answer all questions.
Each question carries 3 marks.*

1. What is the need for value education ?
2. Explain the importance of engineering ethics.
3. What is sustainable development ?
4. Write a note on occupational crime.
5. Write a note on moral leadership.

(5 × 3 = 15 marks)

Part B

*Answer all questions.
Each question carries 5 marks.*

6. Explain the terms contradictions and dilemma with examples.
7. Explain Kohlberg's theory.
8. Explain the responsibilities of engineers to environment.
9. Write a note on Knowledge gained responsibility.
10. Write a note on ethical hacking.

(5 × 5 = 25 marks)

Part C

*Answer all questions.
Each question carries 12 marks.*

11. Discuss briefly (i) Human value ; (ii) Work ethics ; (iii) Commitment ; (iv) Honesty.

Or

12. Explain code of ethics for engineers and their importance.

Turn over

13. Explain : (i) comprehensive approach to moral behaviour ; (ii) Approach to knowledge in technology.

Or

14. Explain 4 main virtues of an engineer.

15. Explain environmental ethics. What are the problems associated with them ?

Or

16. Explain principles of sustainability.

17. Explain the responsibilities of an engineer in safety and confidentiality.

Or

18. Explain intellectual property rights and professional rights.

19. Explain how engineers can act as expert witness and legal advisors.

Or

20. Discuss about Computer ethics.

(5 × 12 = 60 marks)

