

**I B. Tech II Semester Regular Examinations August - 2014**  
**PROFESSIONAL ETHICS & HUMAN VALUES**

(Common to CE, ME, CSE, PCE, IT, Chem E, Aero E, Auto E, Min E, Pet E, Metal E)

**Time: 3 hours**

**Max. Marks: 70**

Question Paper Consists of **Part-A** and **Part-B**  
Answering the question in **Part-A** is Compulsory,  
Three Questions should be answered from **Part-B**

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**PART-A**

1. (i) Explain the meaning of accountability.
- (ii) What are values? Explain how values have degenerated.
- (iii) Explain the meaning of moral leader ship.
- (iv) Discuss the aim of engineering ethics.
- (v) Discuss the need to focus on professional ethics.
- (vi) Write a short note on industrial standards.
- (vii) Write about 'employee rights'.

[3+3+3+3+3+3+4]

**PART-B**

2. Discuss the relationship between professional responsibility and loyalty to company? [16]
3. What are the aspects of engineering that make it appropriate to view engineering projects as experiments? [16]
4. Write briefly on [4+4+4+4]
  - (a) honesty
  - (b) living peace fully
  - (c) civic virtue
  - (d) integrity.
5. What is Indian scenario in accordance with 'Intellectual Property Rights, IPR'? [16]
6. Write short notes on [8+8]
  - (a) Types of inquiry
  - (b) HEINZ's Dilemma
7. Write about safety and engineer and risk benefit analysis. [16]



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**PART-A**

1. (i) What are threshold levels for risk?
- (ii) Write about human values.
- (iii) Give an account of History of Ethics.
- (iv) What is contextualism?
- (v) What are the limitations of code of ethics?
- (vi) What is meant by loyalty and collegiality?
- (vii) What are the responsibilities of engineers to society?

[3+3+3+3+3+3+4]

**PART-B**

2. Explain in detail about the effect of information on risk assessments. [16]
3. Define and explain personal ethics and professional ethics. [16]
4. What do you understand by environmental ethics? [16]
5. Write a short note on [8+8]
  - (a) Industrial standards
  - (b) Regulated society.
6. Explain the levels of moral development suggested by Kohlberg. [16]
7. 'Professional rights can lead to conflicts of interest'. Explain. [16]



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**PART-A**

1. (i) What are the three senses of relative values?
- (ii) How courage is considered to be a virtue?
- (iii) What are the uses of ethical theories?
- (iv) Write short notes on concept of safety.
- (v) What is Integrity?
- (vi) What do you understand by experimental control?
- (vii) What are the responsibilities of engineers to society?

[3+3+3+3+3+3+4]

**PART-B**

2. Explain in detail the effect of information on risk assessments.
  - (a) Designing for Safety.
  - (b) Types of Risks.

[8+8]

3. Explain in detail
  - (a) Peace
  - (b) Non violence
  - (c) Right conduct
  - (d) Respect for others

[4+4+4+4]

4. Write about the standards to be maintained by an Engineer in order to make a successful project, within the limitations of norms and ethics.

[16]

5. (a) What conclusions were made by Gilligan about men and women?
- (b) Bring out the differences between profession and professionalism.

[8+8]

6. (a) What are the limitations of code of ethics?
- (b) Write short note on 'Industrial Standards'.

[8+8]

7. Define patent, industrial design, trade mark and copy right.

[16]



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**PART-A**

1. (i) Write a brief account on 'utilitarianism'.
- (ii) 'Conscientiousness is blind without relevant information'. Justify.
- (iii) How courage is considered as virtue?
- (iv) What is meant by globalization?
- (v) Explain types of inquiry.
- (vi) What degree of risk is acceptable in an experiment to make a new product?
- (vii) Discuss in detail about the employee rights.

[3+3+3+3+3+3+4]

**PART-B**

2. Explain in detail about the Intellectual Property Rights. . [16]
3. Analyze the attitude of different types of consumers with regard to safety. Discuss [16]
4. Write about [8+8]
  - (a) Kohlberg's theory
  - (b) Professional Ethics.
5. Explain the relationship between professional responsibility and loyalty to company. [16]
6. What are the general features of morally responsible engineers? Explain each feature with appropriate examples. [16]
7. (a) How character is formed?  
(b) Explain the essence of Indian spirituality. [8+8]

