

Subject Code: R13108/R13

Set No - 1

I B. Tech I Semester Regular Examinations Feb./Mar. - 2014

PROFESSIONAL ETHICS & HUMAN VALUES

(Common to ECE, EEE, EIE, Bio-Tech, EComE, Agri.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**

PART-A

- 1.(i) Write short note on the concept of safety.
- (ii) Write about human values.
- (iii) Give an account of History of Ethics.
- (iv) Explain the meaning of moral leadership.
- (v) What are the limitations of code of ethics?
- (vi) What is meant by loyalty and collegiality?
- (vii) What are the social responsibilities of engineers?

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

PART-B

2. What is the concept of Safety? Explain the Types of Risks. [16]
3. Write about classification of Human Values. [16]
4. What do you understand by 'Environmental Ethics'? [16]
5. Write a short note on
(a) Professional Ethics
(b) Types of Inquiry. [8+8]
6. 'Engineering as social experimentation- comparison with standard experiments'-
Elaborate. [16]
- 7.(a) What are the techniques for achieving 'Collegiality'?
(b) Discuss the importance of Professional Ethics. [8+8]

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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**

PART-A

- 1.(i) Does globalization solve the global issues?
- (ii) Explain the essence of Indian spirituality.
- (iii) What are the uses of ethical theories?
- (iv) Write short note on 'Industrial Standards'.
- (v) What is meant by voluntary risks?
- (vi) List the moral rights of a salaried Engineer.
- (vii) 'Morals, Values and Ethics are the guiding principles that prescribe the standards of human behaviour' Explain briefly.

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

PART-B

2. Suggest the steps to ensure the safety of the Engineer as well as the safety of the design of the equipment?
[16]
3. Define –
(a) Privileged information
(b) Proprietary information
[8+8]
4. Write about
(a) Kohlberg's theory
(b) Use of ethical theories
[8+8]
5. Explain Intellectual Property Rights.
[16]
6. Explain the terms: Integrity, Work ethic, Civic virtue, Character.
[16]
7. What are the functions and limitations of 'code of ethics'?
[16]

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Set No - 3

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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**

PART-A

- 1.(i) Write short note on the concept of safety.
- (ii) Why should we learn and follow ethics?
- (iii) Do you consider courage as virtue? Give your reasons.
- (iv) What is meant by globalization?
- (v) Define the word 'confidentiality'.
- (vi) Write a brief note on 'Consulting Engineering'.
- (vii) How does character form?

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

PART-B

2. Write an essay on Accountability and Responsibility of Engineers towards society. [16]
3. Give an account of 'Computer Ethics' and the problems associated with the autonomous nature of computers. [16]
4. Explain in detail – [4+4+4+4]
(a) values (b) ethics (c) value time (d) courage
- 5.(a) What were the conclusions made by 'Gilligan' about men and women?
(b) Mention the uses of 'Ethical Theories'. [8+8]
- 6.(a) What do you understand by 'acceptable risk'?
(b) What is meant by 'voluntary risk'? [8+8]
- 7.(a) What is meant by 'Whistle Blowing'?
(b) List any two limitations of 'Whistle blowing' [8+8]

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Set No - 4

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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**

PART-A

- 1.(i) Define utilitarianism.
- (ii) 'Safety is a product that comes with a price'. - Explain.
- (iii) Discuss the aim of 'Engineering Ethics'.
- (iv) Why should one have 'Respect for Others'?
- (v) Discuss the need to focus on 'Professional Ethics'.
- (vi) Write a short note on Industrial Standards.
- (vii) Explain the meaning of Moral Leadership.

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

PART-B

2. Discuss the relationship between professional responsibility and individual loyalty to the organization? [16]
3. What are the aspects of Engineering that make it appropriate to view Engineering projects as experiments? [16]
4. Write briefly on
(a) Empathy
(b) Living peacefully
(c) Caring and Sharing
(d) Courage [4+4+4+4]
5. Estimate the applicability of Intellectual Property Rights (IPR) to the Indian scenario. [16]
6. Write short notes on
(a) History of Ethics
(b) Heinz's Dilemma [8+8]
7. What are types of 'Risks'? Suggest some safety measures. [16]