

Subject Code: R13108/R13

Set No - 1

I B. Tech I Semester Supplementary Examinations Sept. - 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**

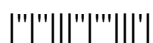
PART-A

1. (i) Discuss some of the ways to reduce risks in any experimentation.
- (ii) Write about values.
- (iii) What is the purpose of Engineering Ethics?
- (iv) Explain the meaning of moral leadership.
- (v) Explain the role of Engineers as Managers.
- (vi) Write about acceptance of bribes and gifts.
- (vii) What are the social responsibilities of engineers?

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

PART-B

2. Explain how lack of communication and information create problems for engineers. [16]
3. Write about cross cultural issues and globalization. [16]
4. Explain [8+8]
 - (a) Gilligan's argument
 - (b) Heinz's Dilemma
5. Write about classification of Human Values. [16]
6. (a) What are two senses of loyalty? [8+8]
(b) Write about conflict of interests.
7. Write about [8+8]
 - (a) Designing for safety.
 - (b) Risk- Benefit Analysis.



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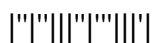
PART-A

- 1.(i) Explain job related risks.
- (ii) State the benefits of collective bargaining.
- (iii) What is meant by relevant information?
- (iv) Bring out the difference between morals and values.
- (v) Give an account of history of ethics.
- (vi) Write briefly about 'procedural accidents'
- (vii) Is weapon development ethically acceptable?

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

PART-B

2. Write about Safety and Engineer. [16]
3. Write a short note on [8+8]
 - (a) Professional Ethics
 - (b) Types of Inquiry.
4. What do you understand by 'Environmental Ethics'? [16]
5. Explain the importance and classification of Human Values. [16]
6. How does comparison with standard experiments help Engineers? Give examples. [16]
7. (a) What are the techniques for achieving 'Collegiality'? [8+8]
 - (b) Discuss the importance of Professional Ethics.



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Set No - 3

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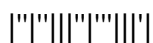
PART-A

- 1.(i) Give an account of History of Ethics.
- (ii) What is the concept of Safety? Explain the 'Types of Risks'.
- (iii) Write about cross cultural issues.
- (iv) What is meant by 'learning from the past for an engineer'?
- (v) Explain the significance of 'Non Violence' in the present time.
- (vi) What is risk benefit analysis?
- (vii) Differentiate between a bribe and a gift.

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

PART-B

2. Can computers be instruments of Unethical behavior? How does an ethical issue arise with the misuse of computers? [16]
3. Civic virtue and respect for others are the qualities that help one to live peacefully in the society. Elaborate. [16]
4. (a) What are the techniques for achieving collegiality?
(b) Write about collective bargaining. [8+8]
5. Explain the types of risks. Give Examples from any case study analysis. [16]
6. Explain the following.
(a) Kohlberg's theory.
(b) Gilligan's argument. [8+8]
7. What are the social responsibilities of engineers? What factors help them to achieve success in their experiments? [16]



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Set No - 4

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Max. Marks: 70

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Answering the question in **Part-A** is Compulsory,
Three Questions should be answered from **Part-B**

PART-A

- 1.(i) What are the limitations of code of ethics?
- (ii) Write about the difference between ethics and values.
- (iii) What is concept of safety?
- (iv) What is reverse discrimination?
- (v) Explain the nature of professional ethics.
- (vi) What is meant by voluntarism?
- (vii) Define utilitarianism.

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

PART-B

2. Write about environmental ethics. [16]
3. 'Engineering as social experimentation- comparison with standard experiments'- Elaborate. [16]
4. (a) How courage is considered to be a virtue?
(b) How character is formed? [8+8]
5. (a) Explain the meaning of a faithful agent in relation to public service.
(b) How can whistle blowing be prevented? [8+8]
6. (a) Explain the use of Ethical theories.
(b) Explain Heinz's dilemma. [8+8]
7. Would knowledge of risk help you to have better safety standards or safe products?
Substantiate your argument with suitable case studies. [16]

