

Subject Code: R13108/R13

Set No - 1

I B. Tech I Semester Supplementary Examinations August - 2015

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. (a) Is it possible for any engineering design to be totally risk free ?
- (b) What is relevant information?
- (c) Explain the meaning of moral leadership.
- (d) Bring out the difference between consensus and controversy.
- (e) What is the purpose of computer code of ethics?
- (f) Write briefly about collegiality.
- (g) 'Service learning must be a part of academic curriculum' - Justify.

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

PART-B

2. (a) Explain two senses of loyalty.
- (b) 'Ethical egoism draws a distinction between the narrow and the wide forms of self interest' - Discuss.

[8+8]

3. How does learning from the past help an "engineer" to correct the mistakes in the process of designing? Give examples.

[16]

4. Explain the Intellectual Property Rights.

[16]

5. Compare the basic features of different ethical theories of Kohlberg and Gilligan.

[16]

6. (a) What is accountability? Elaborate.

- (b) What are the skills required for an engineer to handle moral problems?

[8+8]

7. (a) What is meant by professional responsibility?

- (b) Write about types of risks.

[8+8]



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Set No - 2

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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. (a) Differentiate copyright and patent. .
- (b) How is knowledge gained through scientific experiments?
- (c) Explain about voluntarism.
- (d) What are the limitations of code of ethics?
- (e) How are the ethical theories useful to the society?
- (f) Explain job related risks.
- (g) What are the negative traits in an engineer to call him dishonest?

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

PART-B

2. What is the role of an engineer as an adviser? [16]
3. (a) Discuss the importance of professional ethics. [8+8]
- (b) What are the features of Gilligan's theory?
4. (a) What are the limitations of whistle blowing? [8+8]
- (b) What is collective bargaining? What are the advantages of collective bargaining?
5. (a) Explain the ethical values attached to engineers as consultants. [8+8]
- (b) "If engineering is a social experimentation, engineers are guardians of public interest"--- Discuss.
6. (a) Give the definition of human values. Elaborate and give examples. [8+8]
- (b) Write about the classification of human values.
7. Write about [8+8]
 - (a) Risk benefit analysis.
 - (b) Concept of safety.



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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. (a) What is threshold level of risk?
- (b) Write about personal ethics.
- (c) What role do codes play in profession's public image?
- (d) What is misguided loyalty?
- (e) Explain the purpose of engineering ethics.
- (f) Give an account of professional responsibilities.
- (g) Describe the effects of globalization.

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

PART-B

2. (a) What are the philosophical qualities of nature?
 - (b) Discuss the importance of Eco-centric Ethics that protect the Environment. [8+8]
3. Write briefly about
- (a) Morals
 - (b) Respect for others
 - (c) Civic virtue
 - (d) Honesty. [4+4+4+4]
4. What are occupational crimes? Explain. [16]
5. (a) Explain types of risks.
- (b) What is meant by 'acceptability of risk'? [8+8]
6. An engineer has to play different roles in his profession. Do ethics help him in being honest and maintain values? Discuss. [16]
7. Elaborate –
- (a) Kohlberg's theory
 - (b) Gilligan's argument. [8+8]



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Set No - 4

I B. Tech I Semester Supplementary Examinations August - 2015

PROFESSIONAL ETHICS & HUMAN VALUES

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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. (a) What are the limitations of codes of ethics.
- (b) Write about reverse discrimination.
- (c) Give the concepts of Indian spirituality.
- (d) Explain the role of engineers as eye witnesses.
- (e) What are the uses of ethical theories.
- (f) Explain job related risks.
- (g) Define privileged information.

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

PART-B

2. (a) Bring out the difference between personal ethics and professional ethics.
 - (b) Define the terms
 - (i) courage
 - (ii) character
- [8+8]
3. What is meant by whistle blowing? Explain how it can be avoided?
[16]
 4. (a) Write about role of engineers in weapon development.
 - (b) Discuss the aspects of Indian Patent act.
[8+8]
 5. 'Safety, cost- effectiveness, are the key factors in making a product'. Analyse the statement considering the environmental impact.
[16]
 6. Write about-
 - (a) History of Ethics.
 - (b) Types of inquiry.
[8+8]
 7. (a) What are the reasons for accidents caused due to engineering defects ?
 - (b) Suggest how disasters can be averted while making a product.
[8+8]

