

Roll No. :

Total No. of Questions : 9]

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B.Tech. (ECE) 6th Semester (Supplementary)
Examination, July-2021
(G Scheme)

ENGINEERING ETHICS

Paper-HUM-ECE-306-G

Time : Three Hours]

[Maximum Marks : 75

Before answering the questions, candidates should ensure that they have been supplied the correct and complete question paper. No complaint in this regard, will be entertained after examination.

Note :- Students have to attempt five questions in total, question No. 1 is compulsory and selecting one question from each Unit.

1. (a) What are Virtue Ethics ?
- (b) Explain the meaning of responsibility.
- (c) What is meant by acceptability of Risk ?

(d) What are Human Centered Ethics ?

(e) Explain Truthfulness.

(f) Briefly explain defense industry problem.

$2\frac{1}{2} \times 6 = 15$

Unit-I

15 each

2. Explain the need of ethics in Engineering.

3. Explain the various ethical theories.

Unit-II

4. What do you mean by commitment to safety ?

Explain the concept of safety and risk.

15

5. (a) Compare Personal and Public Risk.

(b) What do you mean by Acceptability of Risk ?

8,7

Unit-III

15 each

6. Explain in detail the concept of Computer Ethics.

7. Explain in detail the concept of whistle-blowing.

Unit-IV

8. (a) Explain sentient centered ethics.

(b) Explain Ecocentric Ethics.

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(2)

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9. Write short notes on any two of the following :

(a) Peace Engineering

(b) Global justice

(c) International Rights

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(3)

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