

Roll No.

3325

**B. Tech. 6th Semester (ECE)
Examination – May, 2023**

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 : Attempt *five* questions in all, selecting *one* question from each Unit. Question No. 1 is *compulsory*. All questions carry equal marks.

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| 1. (a) Explain Micro and Macro issues. | 2.5 |
| (b) Define ethical Dilemma. | 2.5 |
| (c) Elaborate the term commitment to safety. | 2.5 |
| (d) What is integrity ? | 2.5 |
| (e) What is technology transfer ? | 2.5 |
| (f) What is Three Mile Island ? | 2.5 |

UNIT – I

2. Explain the uses and scope of ethical theories. 15
3. Explain Utilitarianism, Virtue Ethics, Self-Realization Ethics in details. 15

UNIT – II

4. Explain the terminology "Commitment to safety" and various example of improved safety. 15
5. Discuss engineers as experimenters with suitable example. 15

UNIT – III

6. What is meant by computer ethics ? State and explain categories of ethical problems and unethical act computer as an instrument of unethical behaviour. 15
7. Explain in details Honesty and Research Integrity. Also discuss protecting Research Subjects. 15

UNIT – IV

8. State the types of concern for environment by the Engineers. Discuss the approaches to resolve environmental problems. 15

9. Discuss Multinational Corporations & Weapons
development in details ?

15