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**B. Tech. (ECE) 6th Semester (G Scheme)**

**Examination, July-2022**

**ENGINEERING ETHICS**

**Paper-HUM-ECE-306-G**

*Time allowed : 3 hours]*

*[Maximum marks : 75*

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

1. (a) Explain meaning of responsibility. 2.5
- (b) Define Risk-Benefit Analyses. 2.5
- (c) Explain power relationship in Computer ethics. 2.5
- (d) List out four examples for Multinational corporation. 2.5
- (e) What is technology transfer ? 2.5
- (f) What is honesty ? 2.5

**Unit-I**

2. Highlight the importance and scope of engineering ethics. 15
3. Explain professional and corporation responsibility in detail. 15

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**Unit-II**

4. Explain in detail about Assessment of risk & safety and various examples of Reducing Risk. 15
5. Explain engineers as responsible experimenter with suitable example. 15

**Unit-III**

6. Explain the term "Whistle-Blowing". Also discuss how Whistle-Blowers are protected ? 15
7. Discuss in detail about moral and ethical issues involved in use of Computers. 15.

**Unit-IV**

8. Discuss the ethical role of engineers in weapon development with suitable examples. 15
9. What is environment ethics ? Why it is important to study ? Discuss any environment issues in the ethical point of view to engineers. 15