

B.E/B.TECH DEGREE EXAMINATIONS APRIL/MAY 2010
U07GM601 Professional Ethics and Human Values
REGULATIONS: 2007

Time: Three Hours

Maximum Marks: 100

Answer ALL Questions
PART A (10x1= 10 Marks)

- 1) -----is the study of the moral issues and decisions confronting individuals and organizations engaged in engineering.
a) Engineering Ethics b) Morals c) Values d) Integrity
- 2) Honesty is a fundamental virtue for those who engage in the relationship between ----- and their employers and clients.
a) Employees b) Workers c) Engineers d) Supervisors
- 3) Following is not a type of enquiry
a) Normative b) Conceptual c) Factual d) Virtual
- 4) -----is involved in most of the thorny issues in engineering ethics.
a) Money b) Authority c) Responsibility d) Safety
- 5) -----remains the haunting image of technological complacency.
a) Engineering b) Ethics c) Moral d) Titanic
- 6) One of the greatest moral problems in engineering is that of
a) Workers b) Money c) Bribery d) Minimal Compliance
- 7) A thing is -----if its risks are judged to be acceptable
a) Safe b) Danger c) Difficult d) Complicated
- 8) Employee rights include some-----rights that apply to the employee- employer relationship
a) Professional b) Fundamental c) Education d) Specific
- 9) As both workers and consumers, all of us live in an increasingly-----marketplace
a) International b) National c) Local d) Competitive
- 10) Consulting Engineers work in -----practice
a) Public b) Own c) Private d) Government

Answer ALL Questions
PART B(10x2= 20 Marks)

- 11) Mention a sense of Engineering Ethics
- 12) Define Courage
- 13) What are the areas covered by Engineering Ethics?

- 14) List the duties required for duty ethics.
- 15) Mention the features which will make us to view Engineering projects as experiments?
- 16) Mention any two problems with the law in Engineering.
- 17) Define Risk.
- 18) List the special rights which Engineers as professionals have.
- 19) Mention the three versions of relativism.
- 20) What is hired gun?

PART C (5x14= 70 Marks)

- 21) a) Define i) Morals ii) Values iii) Integrity iv) Work ethic
OR
b) Write short notes on i) Courage ii) Empathy iii) Self confidence iv) Character
- 22) a) 1) What are the steps in confronting moral dilemmas? (7)
2) Mention the practical skills that will help produce effective independent thought about moral issues?(7)
OR
b) List Ethical theories and explain in detail about Utilitarianism theory.
- 23) a) What are the roles of codes of ethics promulgated by professional societies? Explain briefly.
OR
b) What is the necessity of laws and regulations and their limitations in governing engineering practice?
- 24) a) i)What are the factors which influence people's judgments when they decide which risks are acceptable? (7)
ii) Why assessing safety is a complex matter for Engineers? (7)
(OR)
b)Mention the types of moral rights salaried engineers have. Explain them briefly
- 25) a)i)Briefly mention about the computer ethics. (7)
ii) Mention Moral issues intrinsic to defense industry. (7)
(OR)
b)i)What is the responsibility of managers for maintaining a moral climate? (7)
ii) Explain about moral leadership in Engineering. (7)