B.E / B.TECH. DEGREE EXAMINATIONS: NOV/DEC 2010

Sixth Semester

U07GM601: PROFESSIONAL ETHICS AND HUMAN VALUES

(Common to all branches)

ime: Three Hours   **Maximum Marks: 100**

Answer ALL Questions:-

PART A (10 x 1 = 10 Marks)

1. Which among the following is not a human value?

   a) Morality   b) Civic virtues   *c*) Integrity   d) Service learning

2. The action of an engineer leading to honesty

   a) Lying   b) Deliberate deception   c) Withholding the information   d) seeking the truth

3. 'self realization ethics' means _____

   a) To show respect for persons

   b) duties binding on everybody

   c) duties prescribe certain actions categorically

   d) Right action consists in seeking self-fulfillment

4. Which among the following does not exhibit codes of ethics?

   a) Rights   b) duties   c) obligations of the professional   d) vague wordings

5. Which is not the test for evaluating ethical theories

   a) internally consistent

   b) Understanding moral dilemma

   c) Believes that the values are subjective at the cultural level

   d) Laws and customs seem to be definite, real, and clear-cut

6. One of the type of inquiries is _____

   a) conceptual   b) vagueness   c) conflicting reasons   d)disagreement

7. Arguments against preferential treatment based on

   a) compensatory justice   b) compensate for sexism and racism

c) reverse preferential treatments   d) lowers economic productivity

8. What is the time period of utility patent?

   a) 20 years   b) 25 years   c) 15 years   d) 10 years

9. The term 'collegiality' means _____

   a) tendency to support and cooperate with the colleagues

   b) sharing of loyalty to moral principles

   c) Possession of special knowledge

   d) authority within the organization

10. The ethical responsibilities of consulting engineers is _____

   a) proper advertising   b) creation of high-skilled and ITES jobs

   c) health and safety   d) gives high-profile job

PART B (10 x2 =20 Marks)

11. Distinguish between 'morality' and 'ethics'

12. What should one do or not to do live peacefully?

13. Explain the terms, 'Profession', 'Professional', and 'Professionalism'.

14. What are the reasons for a person to accept 'ethical relativism'?

15. Why does engineering have to be viewed as experimental process?

16. What is meant by 'informed consent' when bringing an engineering product to market?

17. List two analytical methods of testing for safety of a product/project.

18. List two reasons for the Risk-Benefit Analysis.

19. List the ethical problems by computers in workplace.

20. Define the concept of 'moral leadership'.

PART C (5 x14 =70 Marks)

21. a) (i) List the human values and explain Sympathy and Empathy.   (7)

     (ii) Illustrate the ethical aspect principle of caring or sharing, with an example.   (7)

(OR)

  b) (i) Explain various actions of an engineer leading to dishonesty.   (7)

     (ii) Define Service Learning and discuss on its components.   (7)

22. a) (i) List and explain the skills required to handle moral problems/issues in engineering

ethics. (7)

    (ii) Explain various principles of Duty Ethics. (7)

(OR)

b) (i) Distinguish between causal responsibility, moral responsibility and legal responsibility with an example each. (7)

    (ii)Distinguish between Kohlberg's and Gilligan's approach to ethical (moral) judgements. (7)

23. a) In the case of challenger disaster, examine if the principal actors behaved as responsible experimenters.

(OR)

b) What are the steps in confronting the 'moral dilemma'?

24. a) Write a brief report on the 'Three-Mile Island' and 'Chernobyl' accidents.

(OR)

b) Explain the basic attitudes toward responsibility.

25. a)(i) Discuss on the pros and cons of multinational companies from the point of view of ethics. (7)

    (ii) Explain the role of engineers as 'expert witness' and 'advisors'. (7)

(OR)

b) (i) Explain the term 'computer ethics'. (7)

    (ii) Explain the role of engineers as managers. (7)

****