

**2008 ANNA UNIVERSITY**  
**B.E/B.TECH DEGREE EXAMINATIONS**  
**III SEMESTER COMPUTER SCIENCE ENGINEERING**  
**PROFESSIONAL ETHICS AND HUMAN VALUES**

TIME: 3 HOUR  
 MARK: 100

Answer All Question

**PART A - (10 x2 = 20 marks)**

1. What is the need for engineering ethics?
2. Give a brief note on dishonesty in engineers.
3. Under what circumstance does an employee get into conflict of interest using "Inside Information"?
4. What are the different kinds of rights not included in due to professional status?
5. What is moral autonomy and self respect?
6. Compare safe risk and unsafe risk.
7. What is the difference between bribe and gift?
8. What does environmental ethics educate?
9. What is the importance of intellectual property rights.
10. Engineers shall perform services only in areas of their competence. Explain briefly.

**PARTB-(5X16=80MARKS)**

- 11.(a) (i) What is meant by professional conscience and right of conscientious refusal?  
 (ii) Explain the expected confidentiality to be maintained by the engineer while he shifts to another organisation similar in service as the previous one.
- 12 (a) Explain how Gilligun view the three levels of moral development initiated by Kohlberg. What is moral autonomy?  
 Or  
 (b) What are the different ethical theory available for right action, self interest, duty ethics?
13. (a) What is the importance of codes of ethics? Give a brief account on '4' canons of codes of ethics given by an international standard or associates.  
 Or  
 (b) Give justifications on how the challenger disaster could have been avoided by engineers.
14. (a) What is the importance of computer ethics? Discuss the functioning of \ anonymity and privacy as (i) helpful (ii) undesirable in computer aided activities with suitable example.  
 Or  
 (b) Discuss on safety. Explain what safety measures are to be taken to establish a nuclear power plant in a country.
15. (a) Write briefly on any TWO :  
 (i) Engineer used as expert witness.  
 (ii) Engineers as good managers.  
 (iii) Engineers with social responsibilities.  
 Or  
 (b) Write briefly on any TWO :  
 (i) Discrimination is a boon and a pain in professional life.  
 (ii) Collective bargaining