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**SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY:: PUTTUR**  
(AUTONOMOUS)**B.Tech I Year I Semester (R16) Regular Examinations, December 2016****HUMAN VALUES AND PROFESSIONAL ETHICS**

(Common to CE, EEE &amp; ME)

(For Students admitted in 2016 only)

Time: 3 hours

Max. Marks: 60

(Answer all Five Units 5 X 12 = 60 Marks)

**UNIT-I**

- Q.1** Write short notes on the following. 12M  
 a) Work ethics    b) Civic Virtue    c) Honesty    d) Commitment

**OR**

- Q.2** Define the terms Yoga and Meditation? Discuss their role in professional excellence and stress management? 12M

**UNIT-II**

- Q.3** a. Explain the three different types of moral issues. 6M  
 b. Write a short note on Kohlberg Theory of moral development. 6M

**OR**

- Q.4** a. Define moral dilemma. Enumerate the logical steps in solving the moral dilemma. 6M  
 b. Describe various models of professional roles. 6M

**UNIT-III**

- Q.5** Describe the responsibilities of an engineer to the society as an experimenter. 12M

**OR**

- Q.6** Explain the role and limitations of 'codes of ethics' in professionals and professional societies. 12M

**UNIT-IV**

- Q.7** a. Explain the uncertainties in assessment of safety and risk. 6M  
 b. What is meant by confidentiality? Brief the moral principles that can justify the concept of confidentiality. 6M

**OR**

- Q.8** a. What are the techniques adopted to improve safety (reduce risk) in a product or process? 6M  
 b. Write a short note on collective bargaining. 6M

**UNIT-V**

- Q.9** a. Explain the characteristics of engineers as managers. 6M  
 b. What are the ethical responsibilities of the consulting engineers different from the salaried engineers? 6M

**OR**

- Q.10** a. What environmental ethics should the engineers possess? 6M  
 b. Explain why Engineers involve in weapons development. 6M

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