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**SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY:: PUTTUR**  
(AUTONOMOUS)

**B.Tech I Year I Semester Supplementary Examinations November-2020**

**HUMAN VALUES & PROFESSIONAL ETHICS**

(Common to CE, EEE, ME & AGE)

Time: 3 hours

Max. Marks: 60

(Answer all Five Units **5 x 12 = 60** Marks)

**UNIT-I**

**1 a** What do you mean by values? How do they differ from skills? How are values and skills complementary? **7M**

**b** Values and skill complement each other. Elaborate. **5M**

**OR**

**2 a** What is the meaning of respect? How do we disrespect others due to lack of right understanding of this feeling? **8M**

**b** Give the two aspects of Honesty and explain them. **4M**

**UNIT-II**

**3 a** Evaluate the difference between Kohlberg's theory and Gilligan's theory. **8M**

**b** What are the uses of ethical theories? **4M**

**OR**

**4 a** Discuss the moral issues that engineer faces at the design stage of the product. **7M**

**b** What are the principles of ethics? **5M**

**UNIT-III**

**5 a** Explain the responsibilities of engineers with regard to environment. **8M**

**b** Write short note on **4M**

i) Intellectual property rights

ii) Human rights.

**OR**

**6 a** What is engineering ethics? Describe about NSPE code of ethics for engineers. **6M**

**b** What is social experimentation? Explain in detail. **6M**

**UNIT-IV**

**7 a** How to account publicly for benefits and risks? Explain in detail about the effect of information on risk assessments. **7M**

**b** What is the importance of loyalty and collegiality in teamwork? **5M**

**OR**

**8 a** Discuss the concept of confidentiality with respect to professional ethics. **7M**

**b** List and explain the features of whistle-blowing that characterize the cases. **5M**

**UNIT-V**

**9 a** Discuss on three senses of 'relative' values. **6M**

**b** Write briefly about professional obligation of Engineers. **6M**

**OR**

**10 a** Write briefly about Engineers as good managers. **6M**

**b** Write briefly about Engineer used as expert witness. **6M**

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