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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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