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SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY:: PUTTUR
(AUTONOMOUS)**B.Tech I Year II Semester Supplementary Examinations October-2020****HUMAN VALUES & PROFESSIONAL ETHICS**

(Common to ECE, CSE & CSIT)

Time: 3 hours

Max. Marks: 60

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

- 1 a Explain how production skills and human values are complementary. Give two examples. **7M**
- b Write short notes on Morals, Ethics and Integrity and differentiate Morals and Ethics? **5M**

OR

- 2 a Explain Yoga and Meditation for professional excellence and stress management in detail. **8M**
- b Write a brief note on: **4M**
- (i) Morals (ii) Civic Virtue
- (iii) Honesty.& Empathy (iv) Respect for others

UNIT-II

- 3 a What are the three types of inquiry? **6M**
- b Explain the utilitarian analysis of a moral problem. **6M**

OR

- 4 a Define engineering ethics. Explain its nature and scope. **6M**
- b What is importance of theories of right action? **6M**

UNIT-III

- 5 a Discuss engineering as social experimentation. **6M**
- b What is social experimentation? Explain in detail. **6M**

OR

- 6 a Write briefly about Engineers with social responsibilities **7M**
- b Discuss the environmental ethics with examples. **5M**

UNIT-IV

- 7 a Describe in detail the concept of 'Risk-Benefit Analysis'. Where and how do moral problems arise in engineering? **7M**
- b Discuss the ways and means of reducing occupational crime in industries. **5M**

OR

- 8 a Write short notes on professional rights. **5M**
- b Discuss on safety. Explain what safety measures are to be taken to establish a nuclear power plant in country. **7M**

UNIT-V

- 9 a Discuss an engineer's involvement in weapons work. **6M**
- b Give the philosophical views of nature and discuss them. **6M**

OR

- 10 a Describe the morals threats posed by the revolutionized communication using computers to the right to privacy. **7M**
- b Explain the meaning of environmental ethics. **5M**

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