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

B.Tech I Year I Semester Supplementary Examinations Nov/Dec 2019

HUMAN VALUES & PROFESSIONAL ETHICS

(CE, EEE, ME & AGE)

Time: 3 hours

Max. Marks: 60

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

UNIT-I

- 1 a "For success in any Human Endeavour both values and skills are required." Explain. **7M**
b Values and skill complement each other. Elaborate. **5M**

OR

- 2 a Explain about- Yoga & Meditation for professional excellence & stress management in detail. **8M**
b How character is formed? Explain the essence of Indian spirituality. **4M**

UNIT-II

- 3 a What is importance of theories of right action? **6M**
b Explain the utilitarian analysis of a moral problem. **6M**

OR

- 4 a What are the three types of inquiry? **7M**
b Define ethics, profession and professionalism. **5M**

UNIT-III

- 5 a Discuss engineering as social experimentation. **6M**
b What are the aspects of engineering that make it appropriate to view engineering projects as experiments? **6M**

OR

- 6 a What is engineering ethics? Describe about NSPE code of ethics for engineers? **7M**
b Discuss the environmental ethics with examples. **5M**

UNIT-IV

- 7 a Discuss in detail about the 'employee rights'. **5M**
b What is the importance of loyalty and collegiality in teamwork? **7M**

OR

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

UNIT-V

- 9 a Write briefly about professional obligation of Engineers. **6M**
b Discuss an engineer's involvement in weapons work. **6M**

OR

- 10 a Describe the concept of environmental ethics with a case study. **8M**
b What is meant by computer ethics? & Explain. **4M**

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