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SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY:: PUTTUR
(AUTONOMOUS)
B.Tech I Year I Semester (R16) Supplementary Examinations June 2017
HUMAN VALUES AND PROFESSIONAL ETHICS

(Common to CE, EEE & ME)
 (For Students admitted in 2016 only)

Time: 3 hours

Max. Marks: 60

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

UNIT-I

- 1 a Explain the need of human values and professional ethics to engineers. 6 M
 b Explain the terms: i) Caring ii) Sharing 6 M

OR

- 2 a What is meant by empathy? Explain the difference between empathy and sympathy? 6 M
 b Explain the terms: i) cooperation ii) Self confidence 6 M

UNIT-II

- 3 a Explain the three types of inquiries in solving ethical problems. 6 M
 b Write a short note on Gilligan's Theory of moral development. 6 M

OR

- 4 a Write a note on moral autonomy. List out the engineering skills related to moral autonomy. 6 M
 b Explain the role of 'religion' in shaping moral values. 6 M

UNIT-III

- 5 Compare Engineering Projects and Standard Experiments by identifying the similarities and contrasts. 12 M

OR

- 6 Explain the "balanced outlook on law" in engineering practice. 12 M

UNIT-IV

- 7 a Explain the terms 'personal risk' and 'public risk'. 6 M
 b Explain the concept of occupational crime. 6 M

OR

- 8 a What are the economic and ethical limitations in the risk-benefit analysis? 6 M
 b Explain different types of conflicts of interest. 6 M

UNIT-V

- 9 Explain different types of issues in computer ethics. 12 M

OR

- 10 a Explain the functions of Engineers as eye-witness and expert-witness. 6 M
 b Explain why Moral leadership is essentially required for the engineers. 6 M

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