**18EE506**

**Hall Ticket Number:**

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| **III/IV B.Tech (Regular) DEGREE EXAMINATION** | | | |
| **February, 2021** | **Electrical and Electronics Engineering** | | |
| **Fifth Semester** | **Professional Ethics and Human values.** | | |
| **Time:** Three Hours | | **Maximum: 5**0 Marks | |
| *Answer ALL Questions from PART-A.* | | | (1X10 = 10 Marks) |
| *Answer* ***ANY FOUR*** *questions from PART-B.* | | | (4X10=40 Marks) |
|  | | | **PART-A** |

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| 1. | a) | What is engineering ethics? | CO1 |  |
|  | b) | Define integrity. | CO1 |  |
|  | c) | Define empathy. | CO1 |  |
|  | d) | Explain the term moral dilemma. | CO2 |  |
|  | e) | List the uses of ethical theories. | CO2 |  |
|  | f) | Define safety. | CO3 |  |
|  | g) | Name two senses of loyalty. | CO3 |  |
|  | h) | What is meant by occupational crime? | CO3 |  |
|  | i) | List some of global issues. | CO4 |  |
|  | j) | Give some ethical problems by computers in workplace. | CO4 |  |
| **PART-B** | | | | |
| 2. | a) | List the human values and explain any two in detail. | CO1 | 10M |
|  |  |  |  |  |
| 3. | a) | What is self confidence? What are the factors that influence self-confidence? | CO1 | 5M |
|  | b) | What do you mean by spirituality? Explain how it motivates for better performance. | CO1 | 5M |
|  |  |  |  |  |
| 4. | a) | Discuss how moral development occurs according to Kohlberg theory. | CO2 | 5M |
|  | b) | Discuss ethics of care adopted according to Gilligan’s theory. | CO2 | 5M |
|  |  |  |  |  |
| 5. | a) | Discuss on three types of inquiries, giving an example each.. | CO2 | 10M |
|  |  |  |  |  |
| 6. | a) | Write short notes on Engineers as responsible experimenters. | CO3 | 5M |
|  | b) | How are conflicts of interest solved? Explain with examples. | CO3 | 5M |
|  |  |  |  |  |
| 7. | a) | Discuss in detail about risk benefit analysis and reduce risk. | CO3 | 5M |
|  | b) | What is the importance of loyalty and collegiality in team work? | CO3 | 5M |
|  |  |  |  |  |
| 8. | a) | Does globalization solve the global issues? Why or Why not? | CO4 | 5M |
|  | b) | Explain the role of engineers as managers. | CO4 | 5M |
|  |  |  |  |  |
| 9. | a) | Discuss the disasters that take place as moral issues concerning the environment. | CO4 | 5M |
|  | b) | Give brief notes on Multinational Corporations. | CO4 | 5M |

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