**18EE506**

**Hall Ticket Number:**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| **III/IV B.Tech (Regular) DEGREE EXAMINATION** | | | |
| **February, 2021** | **Electrical and Electronics Engineering** | | |
| **Fifth Semester** | **Professional Ethics and Human values** | | |
| **Time:** Three Hours | | **Maximum:** 50 Marks | |
| ***Answer question 1 compulsory.*** | | | **(10X1 = 10Marks)** |
| ***Answer one question from each unit.*** | | | **(4X10=40Marks)** |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  |  |  | CO | BL | M |
| 1 | a) | What is engineering ethics? | CO1 | L1 | 1M |
|  | b) | Define integrity. | CO1 | L1 | 1M |
|  | c) | Define empathy. | CO1 | L1 | 1M |
|  | d) | Explain the term moral dilemma. | CO2 | L1 | 1M |
|  | e) | List the uses of ethical theories. | CO2 | L1 | 1M |
|  | f) | Define safety. | CO2 | L1 | 1M |
|  | g) | Name two senses of loyalty. | CO3 | L1 | 1M |
|  | h) | What is meant by occupational crime? | CO3 | L1 | 1M |
|  | i) | List some of global issues. | CO3 | L1 | 1M |
|  | j) | Give some ethical problems by computers in workplace. | CO4 | L1 | 1M |
| **Unit-I** | | | | | |
| 2 | a) | List the human values and explain any two in detail | CO1 | L2 | 10M |
|  | b) |  |  |  |  |
|  |  | **(OR)** |  |  |  |
| 3 | a) | What is self-confidence? What are the factors that influence self-confidence? | CO1 | L3 | 5M |
|  | b) | What do you mean by spirituality? Explain how it motivates for better performance. | CO1 | L2 | 5M |
| **Unit-II** | | | | | |
| 4 | a) | Discuss how moral development occurs according to Kohlberg theory. | CO2 | L3 | 5M |
|  | b) | Discuss ethics of care adopted according to Gilligan’s theory. | CO2 | L2 | 5M |
| **(OR)** | | | | | |
| 5 | a) | Discuss on three types of inquiries, giving an example each. | CO2 | L2 | 10M |
|  | b) |  |  |  |  |
| **Unit-III** | | | | | |
| 6 | a) | Write short notes on Engineers as responsible experimenters. | CO3 | L2 | 5M |
|  | b) | How are conflicts of interest solved? Explain with examples. | CO3 | L3 | 5M |
| **(OR)** | | | | | |
| 7 | a) | Discuss in detail about risk benefit analysis and reduce risk. | CO3 | L2 | 5M |
|  | b) | What is the importance of loyalty and collegiality in team work? | CO3 | L2 | 5M |
| **Unit-IV** | | | | | |
| 8 | a) | Does globalization solve the global issues? Why or Why not? | CO4 | L2 | 5M |
|  | b) | Explain the role of engineers as managers. | CO4 | L3 | 5M |
| **(OR)** | | | | | |
| 9 | a) | Discuss the disasters that take place as moral issues concerning the environment. | CO4 | L2 | 5M |
|  | b) | Give brief notes on Multinational Corporations. | CO4 | L3 | 5M |

