**18ME302**

**Hall Ticket Number:**

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| **II/IV B.Tech (Regular / Supplementary) DEGREE EXAMINATION** | | |
| **February, 2021** | **Mechanical Engineering** | |
| **Third Semester** | **Professional Ethics and Human Values** | |
| **Time:** Three Hours | **Maximum :** 50 Marks | |
| *Answer ALL Questions from PART-A.* | | (1X10 = 10 Marks) |
| *Answer* ***ANY FOUR*** *questions from PART-B.* | | (4X10=40 Marks) |
| **Part - A** | | |

1. Answer all questions (1X10=10 Marks)

Write a short note on following

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| a. | What are the characteristics of values |  |
| b. | What are the two important ways of building courage |  |
| c. | Define moral values with suitable examples |  |
| d. | Define the term service learning |  |
| e. | what are values |  |
| f. | Specify how the Ethics is classified |  |
| g. | Safety and risk |  |
| h. | Confidentiality |  |
| i. | Occupational crime |  |
| j. | Engineers as advisors |  |

**Part - B**

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| 2.a | What is service learning? Why service learning is important? Explain characteristics of service Learning? | 5M |
| 2.b | Mention briefly the importance of caring and sharing in the work environment | 5M |

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| 3.a | Explain the important of self confidence in ethics? | 5 M |
| 3.b | Explain how ethics are important for the betterment of the society | 5 M |

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| 4.a | What is moral dilemma and discuss the steps in resolving moral dilemmas | 5 M |
| 4.b | Discuss various types of Inquiry | 5 M |

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| 5.a | Discuss about two important theories of right action with suitable examples | 5 M |
| 5.b | Give the importance of Kohlberg’s and gilligon’s theory | 5 M |

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| 6.a | Discuss about the importance of learning from the past using titanic disaster example | 5 M |
| 6.b | what are measures to be taken to reduce risk | 5 M |

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| 7.a | Describe in detail the concept of risk benefit analysis | 5 M |
| 7.b | Discuss intellectual property right. What are various types of IPR | 5 M |

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| 8.a | What ethics are to be explored with respect to computer? Explain | 5 M |
| 8.b | Write code of ethics for Indian institute of material management | 5 M |

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| 9.a | How do engineers play an important role as expert witness | 5 M |
| 9.b | Discuss engineer’s involvement as managers in an industry | 5 M |

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