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0200HUT200122303



Reg No.: \_\_\_\_\_

Name: \_\_\_\_\_

**APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY**

B.Tech Degree S4 (S, FE) / S2 (PT) (S, FE) / S4 (WP) (S) Examination December 2024 (2019 Scheme)

**Course Code: HUT200**

**Course Name: Professional Ethics**

**Max. Marks: 100**

**Duration: 3 Hours**

**PART A**

*Answer all questions. Each question carries 3 marks*

- |  | Marks |
|--|-------|
| 1 Define academic integrity.   | (3)   |
| 2 Describe civic virtue.   | (3)   |
| 3 Identify different inquiries.  | (3)   |
| 4 Compare moral dilemma and moral autonomy.                                    | (3)   |
| 5 Illustrate the features of morally responsible Engineering Experimenters.    | (3)   |
| 6 Identify the advantages of code of ethics.                                   | (3)   |
| 7 Describe about conflicts of interest in professional environment.            | (3)   |
| 8 Cite two examples of employee rights.  | (3)   |
| 9 Recall ethical issues involved in technological developments.                | (3)   |
| 10 Name any three professional societies and their role relevant to engineers. | (3)   |

**PART B**

*Answer any one full question from each module. Each question carries 14 marks*

**Module 1**

- |  |     |
|--|-----|
| 11a Examine how service learning is applicable in engineering education. | (7) |
| 11b Summarize the importance of empathy in human nature.                 | (7) |

**OR**

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|---|-----|
| 12a List core elements of strong work ethics. | (7) |
| 12b What are different aspects of honesty.    | (7) |

**Module 2**

- |   |     |
|---|-----|
| 13a Illustrate variety of moral issues in engineering profession with examples. | (7) |
| 13b Describe the three main levels of Kohlberg's theory of Moral Development?   | (7) |

Also, bring back the limitations of Kohlberg's Theory

**OR**

- 14 Compare different theories about right action, and show how it helps in professionalism. (14)

**Module 3**

- 15 Justify on engineering projects being considered as experimentations. Explain the statement with relevant examples. (14)

**OR**

- 16 Explain about Bhopal gas tragedy. What are the safety lessons that we can be learned from it? (14)

**Module 4**

- 17a Explain about collective bargaining. (7)

- 17b Describe about intellectual property rights. (7)

**OR**

- 18a Explain in detail about the need of confidentiality in the organizations and its impact on moral integrity. (7)

- 18b Identify the methods to reduce occupational crime in the current professional scenario. (7)

**Module 5**

- 19 Relate how computer ethics and business ethics can impact in the working of multinational corporations. (14)

- 20 Show that "Engineers as Expert witnesses and advisors" using examples. (14)