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

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

APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY

B.Tech Degree S4 (S, FE) / S2 (PT) (S) Examination January 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 'respect for others'.                                       | (3)   |
| 2 Describe 'Living peacefully'.                                      | (3)   |
| 3 State the senses of engineering ethics.                            | (3)   |
| 4 Define the three types of inquiries.                               | (3)   |
| 5 State the responsibilities of an engineer while doing experiments. | (3)   |
| 6 Define Accountability.   | (3)   |
| 7 Define Gifts and Bribes.   | (3)   |
| 8 Define Occupational crime.   | (3)   |
| 9 Define Multinational company with an example.                      | (3)   |
| 10 Define the characteristics of Engineers as Managers.              | (3)   |

**PART B**

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

**Module 1**

- 11 Explain academic integrity and its five pillars. (14)
- 12 Define Self-confidence, the factors that shape it and the methods that can develop self confidence in an individual (14)

**Module 2**

- 13 Distinguish between Kohlberg's and Gilligan's approach to ethical (moral) judgements and compare the interpretation (moral development theory) of Kohlberg and Gilligan, with an illustrative example (14)
- 14 List and explain different ethical theories. (14)

**Module 3**

- 15a Enumerate the advantages and important roles played by Code of ethics. (8)
- b Explain the similarities between Engineering projects and standards experiments. (6)
- 16a Describe the factual issues, conceptual issues and moral/normative issues in the Challenger space shuttle incident. (8)
- b List and describe any three types of industrial standards with suitable examples. (6)

**Module 4**

- 17a Explain in detail the 'risk benefit analysis' and reducing risk. (8)
- b Explain the advantages and disadvantages of Collective bargaining. (6)
- 18a Explain the Conflict Management Process. (7)
- b Explain the 'intellectual property rights'. (7)

**Module 5**

- 19a Explain the role of engineers as 'Managers'. (7)
- b Explain the role of engineers as 'expert witness' and 'advisors'. (7)
- 20 Explain the characteristics of (i) Business Ethics and (ii) Computer Ethics. (14)