

Enrolment No. _____

NATIONAL FORENSIC SCIENCES UNIVERSITY, DELHI CAMPUS
Btech-Mtech Computer Science - Semester - 2 - April-2022
Term Assessment – 1

Subject Code: BTMTCS-S2-P5
Subject Name: Professional Ethics
Time: 45 minutes

Date: 20/04/22

Total Marks: 25

- Q1 Differentiate between Morals and Ethics. (3)
- Q2 Compare caring and sharing. (3)
- Q3 Identify in detail the importance of civic virtue. (4)
- Q4 Explain in detail, the importance of service learning. (5)
- Q5 Describe the terms co-operation, commitment, empathy. (in detail) (10)

Seat No.: _____

Enrolment No. 102CTBMCS2122038

NATIONAL FORENSIC SCIENCES UNIVERSITY
B.Tech-MTech Computer Science and Engineering (Cyber Security)

Subject Code: CTBTCSE SII-P5
Subject Name: Professional Ethics
Duration: 1hr 30 min

Date: 18/05/ 2022

Total Marks: 50

Instructions:

1. Write down each answer on separate page.
2. Attempt all questions.
3. Make suitable assumptions wherever necessary.
4. Figures to the right indicate full marks.

S. No.	Question	Marks
Q.1	(a) Write a short note on Kohlberg's theory on ethics.	5
	(b) Generalize what is meant by self-confidence.	5
Q.2	(a) Analyze the impact of Gilligan's theory on moral development	6
	(b) Discuss about how respect for others play <u>important role in ethics</u> .	4
Q.3	What are Human values? Explain briefly.	10
Q.4	Discuss the importance of <u>duty ethics</u> and <u>virtue in Engineering profession</u> .	10
Q.5	Define Moral Dilemma. Enumerate few steps in <u>confronting moral dilemma</u>	10

END OF PAPER

Seat No.: 2819

Enrolment No. 102CTBMC.S.2122038

NATIONAL FORENSIC SCIENCES UNIVERSITY

B.Tech. - M.Tech. Computer Science & Engineering (Cyber Security) Semester - II

August-2022

Subject Code: CTBTCSE SII P5

Date: 05/08/2022

Subject Name: Professional Ethics

Time: 11 AM to 2:00 PM

Total Marks: 100

Instructions:

1. Write down each question on a separate page.
2. Attempt all questions.
3. Make suitable assumptions wherever necessary.
4. Figures to the right indicate full marks.

Q.1 (a) Read the following situation and answer in the format given below the situation. 05

After a recent collapse of a structure in which many people died, an Engineer came to know about a bridge that is marginally safe. He informed his superiors who asked him to stay calm and not to discuss with anyone while waiting for the next year's budget sessions to get some financial help for the repair required. What should the engineer do?

- A. Situation: Describe the Ethical Situation
- B. Task: Discuss your role and those of others involved.
- C. Action: Explain the actions you have taken
- D. Result: Highlight the outcome of your actions.

OR

Describe the terms: Moral, Ethics, and value with suitable examples

(b) Read the following situation and answer in the format given below the situation. 05

An Engineer is required to design a "Pressure Vessel" using a specific "Design Code" that requires a material thickness of 20mm. The designer is asked to reduce the thickness of the material in order to reduce costs for the customer who is planning to buy a large number of these vessels. What does he do?

- A. Situation: Describe the Ethical Situation
- B. Task: Discuss your role and those of others involved.
- C. Action: Explain the actions you have taken
- D. Result: Highlight the outcome of your actions

OR

Write a note on Indian Ethical Traditions

(c) Write in detail about Kohlberg's Theory 10

OR

(c) Elaborate the types of inquiry in detail with suitable examples. 10

Q-2 (a) Read the following situation and answer in the format given below the situation. 05

An engineer was asked by another consulting firm to develop a specification for a client organization. The engineer paid a "finder's fee" to the consulting firm that brings him into the organization. The organization is quite pleased with the work, comes directly to the engineer, and asks him to quote for a related project.

- A. Is there an ethical problem?
- B. What are the primary references to the Ethics Code?
- C. What should the Engineer do?
- D. What could the Engineer have done to avoid the situation?

(b) What are the five Models of Professional Engineers? 05

- (c) Briefly Discuss Bhopal Gas Tragedy. What are the lessons learnt from this tragedy 10
- Q-3 (a) Discuss ethics of Piracy 05
- (b) Write the difference between personal and professional Ethics. 05
- (c) Analyze the various human values, which are essential to engineers. 10
- OR
- (c) What is the Code of Conduct? Which are the fundamental principles the of Code of Conduct? Explain each with examples. 10
- Q-4 (a) Analyze the importance of safety measures in engineering by explaining the steps of risk analysis. 05
- (b) Explain the internal responsibilities of an Engineer with suitable examples 05
- (c) Elaborate on each type of conflict of interest and as a 'responsible Engineer, how do you avoid it? 10
- OR
- (c) What is the moral dilemma? Write a few steps to solve a moral dilemma. 10
- Q-5 (a) Define the term "Multinational Corporation". What are the responsibilities and accountabilities of MNCs while dealing with public issues? 05
- (b) Why does an engineer foresee his/her bright future in the weapon development field? 05
- OR
- (b) Is whistleblowing morally justifiable? Explain the moral guideline for Whistleblowing. 05
- (c) What is Computer Ethics? Which are the different types of problems are found in computer ethics? 10

END OF PAPER