

**GUJARAT TECHNOLOGICAL UNIVERSITY****MCA INTEGRATED– SEMESTER - IX EXAMINATION- SUMMER-2023****Subject Code: 2698603****Date: 28/06/2023****Subject Name: Ethics in Computing****Time: 02:30 PM TO 05:00 PM****Total Marks: 70****Instructions:**

1. Attempt all questions.
2. Make Suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.
4. Use of simple calculators and non-programmable scientific calculators are permitted.

- Q.1 (a)** Answer the following questions. **07**
- 1) What is morality.
  - 2) Define Etiquette.
  - 3) Describe Relationship between morality and Laws.
  - 4) What is a profession?
  - 5) Define IOT. Name two important areas where IOT is implemented?
  - 6) Write about polygraph testing.
  - 7) What is False Claim Act?
- (b)** What is anonymity? Discuss two forms of anonymity [Unit-5](#) **07**
- Q.2 (a)** [Explain the challenges in hunt down the cyber criminals.](#) **07**
- (b)** Define virtualization? Write about aspects of virtualization with suitable Examples. [Unit-10](#) **07**
- OR**
- (b)** [List and discuss the major threats to individual privacy.](#) [Unit-5](#) **07**
- Q.3 (a)** Shortly write on the intellectual property rights in cyberspace. [Unit-6](#) **07**
- (b)** What is Digital Divide? Discuss the factors affecting the Digital Divide. [Unit-7](#) **07**
- OR**
- (a)** What is cyber bullying and write about various types of it. What are the various ways to deal with it? [Unit-11](#) **07**
- (b)** Explain Morality, Etiquette and [Professional Codes.](#) [Unit-2](#) **07**
- Q.4 (a)** [How the role of Cloud computing and Big data can be felt with IOT? Explain with an example.](#) [Unit-12](#) **07**
- (b)** [Explain about positive and negative impacts of Electronic surveillance on the Employees.](#) **07**
- OR**
- (a)** Define security and privacy. Why are both important in the information age? [Unit-5](#) **07**
- (b)** [Discuss the effects of telecommuting on family life.](#) **07**
- Q.5 (a)** [Discuss the ethical and legal issues surrounding software Ownership.](#) **07**
- (b)** Explain any three Intellectual Property in brief. [Unit-6](#) **07**
- OR**
- (a)** [Discuss the social implications of telecommuting.](#) **07**
- (b)** [Explain concept of Ethical dilemmas in brief.](#) **07**