

Seat No.: _____

Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY
MCA INTEGRATED– SEMESTER IX- EXAMINATION –WINTER-2023

Subject Code:2698603

Date: 05/12/2023

Subject Name: Ethics in Computing

Time: 10:30 AM TO 01:00 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)** What is anonymity? Discuss two forms of anonymity Unit-5 07
- (b)** Explain the challenges in hunt down the cyber criminals. 07
- Q.2 (a)** Explain Ethical Theories in detail. Unit-3 07
- (b)** Define computer crime. What are the various ways to prevent computer crimes? Unit-9 07
- OR**
- (b)** Write Professionalism and Ethical Responsibilities. Why is whistle-blowing so controversial? What are its pros and cons? 07
- Q.3 (a)** write short note on the intellectual property rights in cyberspace Unit-6 07
- (b)** Define virtualization? Write about aspects of virtualization with suitable examples. Unit-10 07
- OR**
- (a)** What is Digital Divide? Discuss the factors affecting the Digital Divide Unit-7 07
- (b)** Explain Morality, Etiquette and Professional Codes. Unit-2 07
- Q.4 (a)** List and discuss the major threats to individual privacy. 07
- (b)** Define security and privacy. Why are both important in the information age? Unit-5 07
- OR**
- (a)** Define cyber bullying and write about various types of it. What are the various ways to deal with it? Discuss. Unit-11 07
- (b)** Briefly discuss the causes of software failure. Unit-8 07
- Q.5 (a)** How the role of Cloud computing and Big data can be felt with IOT? Explain with an example. 07
- (b)** Discuss the effects of telecommuting on family life. 07
- OR**
- (a)** Explain the Classification of Computer Software. 07
- (b)** Write a short note on “Increasing importance of Ergonomics. 07
