

Enrollment No./Seat No.:

**GUJARAT TECHNOLOGICAL UNIVERSITY**  
**BCA/MCA INTEGRATED - SEMESTER - II EXAMINATION - SUMMER 2025**

**Subject Code: BC02001081**

**Date: 17-06-2025**

**Subject Name: Professional Ethics**

**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.**

	<b>Marks</b>
<b>Q.1 (a)</b> Define the following terms:	<b>07</b>
1. Morality	
2. Internet	
3. Law	
4. Etiquette	
5. Virus	
6. WWW stands for ?	
7. Computer Ethics	
<b>(b)</b> Answer the following:	<b>07</b>
i.Explain the importance of Code of Ethics.	
ii.Explain Professionalism and Ethical Responsibilities.	
<b>Q.2 (a)</b> Explain basis of Privacy Protection.	<b>07</b>
<b>(b)</b> Explain Trademarks, their Protection, and Categories.	<b>07</b>
<b>OR</b>	
<b>(b)</b> Explain Privacy and types of Privacy.	<b>07</b>
<b>Q.3 (a)</b> Explain the Digital Divide and its Indicators.	<b>07</b>
<b>(b)</b> Describe in detail the Causes of Software Failures.	<b>07</b>
<b>OR</b>	
<b>(a)</b> Describe ICT in the workplace.	<b>07</b>
<b>(b)</b> Explain Risk Assessment and Management.	<b>07</b>
<b>Q.4 (a)</b> Explain the Motives of Computer Crimes.	<b>07</b>
<b>(b)</b> Explain Ethics in Virtual Reality.	<b>07</b>
<b>OR</b>	
<b>(a)</b> Explain Denial of Service.	<b>07</b>
<b>(b)</b> Describe the Tools and Components Used in Virtual Reality.	<b>07</b>

- Q.5 (a)** Define Cyber bullying, explain types and components of Cyber bullying . **07**
- (b)** i Explain Artificial Intelligence and various types of AI. **07**  
ii Write short note on Making of Ethical Professional.

**OR**

- (a)** Which types of area are affected by Cyber-bullying and how to deal with Cyber-bullying? **07**
- (b)** i Explain Cyberspace and types of Cyberspaces. **07**  
ii Briefly explain Pillars of Professionalism

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Enrollment No./Seat No.:

**GUJARAT TECHNOLOGICAL UNIVERSITY**  
**BCA/MCA INTEGRATED - SEMESTER - II EXAMINATION - WINTER 2025**

**Subject Code: BC02001081**

**Date: 10-12-2025**

**Subject Name: Professional Ethics**

**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.**

	<b>Marks</b>
<b>Q.1 (a) Define the following:(each one marks)</b>	<b>07</b>
1. What is a profession?	
2. Write about polygraph testing.	
3. Define Etiquette.	
4. What is computer ethics?	
5. What is an autonomous agent?	
6. What is False Claim Act?	
7. What is the use of firewall?	
<b>(b) Differentiate between the Internet and the world wide web with suitable examples.</b>	<b>07</b>
<b>Q.2 (a) What is the importance of code of ethics? Explain in detail.</b>	<b>07</b>
<b>(b) Define security? Discuss its key principles: confidentiality, integrity, and availability</b>	<b>07</b>
<b>OR</b>	
<b>(b) Write short note professionalism and Responsibilities.</b>	<b>07</b>
<b>Q.3 (a) Define anonymity on the internet. Discuss its advantages and disadvantages with suitable examples.</b>	<b>07</b>
<b>(b) Write a short note on morality, law, etiquettes and manners</b>	<b>07</b>
<b>OR</b>	
<b>(a) Define Intellectual Property Rights (IPR). Explain their significance in the field of computer technology with suitable examples.</b>	<b>07</b>
<b>(b) Describe the role of Information and Communication Technology (ICT) in the modern workplace. Give examples of its applications.</b>	<b>07</b>
<b>Q.4 (a) What is digital divide? Explain five indicators of the digital divide.</b>	<b>07</b>
<b>(b) Describe in detail risk assessment and management.</b>	<b>07</b>
<b>OR</b>	
<b>(a) What is AI? Explain various types of AI.</b>	<b>07</b>

- (b) Define virtualization? Write about aspects of virtualization with suitable Examples. 07
- Q.5** (a) Explain the denial- of- service with diagram. 07
- (b) **Write short note:-** 07
1. IOT (02)
  2. Cybersecurity (03)
  3. Consumer protection (02)

**OR**

- (a) What is the importance of Cyberbullying. Write the any four types of Cyberbullying. 07
- (b) Define cyberspace. Explain the types of cyberspaces. 07

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