

Enrolment No./Seat No.:

GUJARAT TECHNOLOGICAL UNIVERSITY
M.SC INTEGRATED - SEMESTER - VI EXAMINATION - SUMMER 2025

Subject Code: 1360503

Date: 14-05-2025

Subject Name: E-Business and Cyber Law

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.**

NA

	Marks
Q.1 (a) What is e-business, and how does it differ from traditional business models?	03
(b) What are the advantages and disadvantages of E-Commerce ?	04
(c) What are the different types of e-business models? Give an examples for each model.	07
Q.2 (a) What is DigiLocker, and how does it contribute to the digitalization of records and documents in India?	03
(b) What challenges do e-commerce businesses face regarding data privacy and protection when operating internationally?	04
(c) What are the key technological components required to run an e-commerce business?	07
OR	
(c) What role do digital payment systems (e.g., UPI, Paytm, etc.) play in enabling e-commerce in India?	07
Q.3 (a) Explain the importance of cyber security in digital payment infrastructure.	03
(b) What is a cryptocurrency wallet, and how is it different from a traditional e-wallet?	04
(c) Explain with an example "digital token-based payment system".	07
OR	
(a) What is cryptocurrency, and how does it differ from traditional currency?	03
(b) Discuss Online Internet Banking and Unified payment Interface – BHIM in detail for the transactions.	04
(c) Discuss the different types of payment system.	07
Q.4 (a) What is Bitcoin and describe the key components of the Bitcoin network.	03

- (b) Explain blockchain in detail. **04**
- (c) Explain network and web security threats with an example. **07**

OR

- (a) What is cyber security and why is it important today? **03**
- (b) What is ethical hacking? How does it differ from malicious hacking? **04**
- (c) What is identity theft? Mention two methods used by cyber criminals to commit it. **07**

- Q.5** (a) What is cyber terrorism? How does it threaten national security? **03**
- (b) Explain how digital signatures ensure the authenticity of a document. **04**
- (c) What are cyber crimes commonly committed against individuals? **07**

OR

- (a) Why are computers and mobile devices prime targets for cyber criminals? **03**
- (b) How does cyber law help in preventing cyber crimes? **04**
- (c) What is meant by Intellectual Property Rights (IPR) in cyberspace? **07**
