

GUJARAT TECHNOLOGICAL UNIVERSITY**ME - SEMESTER– 1 • EXAMINATION – WINTER - 2023****Subject Code:4715901****Date: 23 Jan 2024****Subject Name: Cyber Law, Policies and Compliance****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.

- Q.1 (a)** Describe active and passive attacks, provide appropriate examples and explain the motivations behind each type. **07**
- (b)** Justify the need of Digital forensic with an appropriate example. **07**
- Q.2 (a)** Define Cybercrime. Explain cybercrime trends in Indian perspective. **07**
- (b)** What all types of penalties are mentioned in Indian IT Act 2000? Briefly explain any two penalties with its cause. **07**
- OR**
- (b)** Describe *5P survival mantra* for netizens to ensure the cybersecurity precautionary measures. **07**
- Q.3 (a)** Explain the types of hacker with suitable example. **07**
- (b)** Differentiate between the Indian Penal Code (IPC) and Criminal Penal Code (CrPC) with suitable example. **07**
- OR**
- Q.3 (a)** Explain the concept of Digital signature in detail. **07**
- (b)** How credit card fraud can happen? Explain with an example. **07**
- Q.4 (a)** Explain the life cycle of Digital Forensic. **07**
- (b)** List salient features of the Information Technology (Amendment) Act, 2008. **07**
- OR**
- Q.4 (a)** Describe the ways to prevent our intellectual properties in cyberspace. **07**
- (b)** Explain types of electronic contracts with suitable example. **07**
- Q.5 (a)** How is trademark issue applicable in Domain Names in Cyberspace? What are the roles and responsibilities of The Internet Corporation for Assigned Names and Numbers (ICANN) in resolving the trademark issues? **07**
- (b)** Define the role of Incident Response Team. List the ideal characteristics of it in order to ensure the security of the any organization. **07**
- OR**
- Q.5 (a)** Explain CIA triad in terms of cyber security. **07**
- (b)** How Social engineering can be used in cybercrime? **07**
