

# GUJARAT TECHNOLOGICAL UNIVERSITY

BE- SEMESTER-VI (NEW) EXAMINATION – WINTER 2024

**Subject Code:3161925**

**Date:20-12-2024**

**Subject Name: Cyber Laws and 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. Simple and non-programmable scientific calculators are allowed.

|   | MARKS     |
|---|-----------|
| <b>Q.1</b> (a) Explain Freedom of speech and expression in Cyberspace.                                    | <b>03</b> |
| (b) Explain Difference Between Criminal and Civil Jurisdiction  | <b>04</b> |
| (c) Explain the protocols of domain name and issues regarding domain name related to cyber security.      | <b>07</b> |
| <b>Q.2</b> (a) Explain Cyber space, Cyber ethics, Cyber Crime   | <b>03</b> |
| (b) Differentiate between Doctrinal approach, Consensual approach relation to Cyber Jurisprudence and law | <b>04</b> |
| (c) What is Cryptography? Define Public Cryptography and Private Cryptography.                            | <b>07</b> |
| <b>OR</b>   |           |
| (c) Write a short note on Patent Law and Trademark Law.   | <b>07</b> |
| <b>Q.3</b> (a) Define term: Digital Forgery & Right to Data protection?                                   | <b>03</b> |
| (b) Write a short note on online dispute resolution (ODR).  | <b>04</b> |
| (c) Explain E-Commerce Payment System with examples.  | <b>07</b> |
| <b>OR</b>   |           |
| <b>Q.3</b> (a) What is certifying Authority? Also list out name of know certifying authority.             | <b>03</b> |
| (b) Discuss different types of civil wrongs under the IT Act 2000   | <b>04</b> |
| (c) Write short notes on below topic  |           |
| a) Identity theft and fraud   | <b>07</b> |
| b) Cyber-Torts  |           |
| c) B2C and C2C  |           |
| <b>Q.4</b> (a) What is the Process of get DSC (Digital Signature Certificate)?                            | <b>03</b> |
| (b) What is domain name? Explain in detail. Explain signification of domain name?                         | <b>04</b> |
| (c) Write a short note on AI Ethics. Give details about core principles of AI Ethics.                     | <b>07</b> |
| <b>OR</b>   |           |
| <b>Q.4</b> (a) What is Cyberbullying? How to prevent it.  | <b>03</b> |
| (b) What is cryptography? List out type of cryptography algorithm and explain any two.                    | <b>04</b> |
| (c) What is block chain technology? How it is helpful to prevent cybercriminal.                           | <b>07</b> |
| <b>Q.5</b> (a) What is plagiarism? How to prevent it  | <b>03</b> |
| (b) Explain the powers of the Cyber Appellate Tribunal  | <b>04</b> |

- (c) Explain about E-Governance under Indian Perspective. List out advantage and disadvantage of E-Governance? **07**

**OR**

- Q.5** (a) Explain Block chain Ethics. **03**  
(b) Explain the difference between paper vs paper less contracts. **04**  
(c) Explain the risks involved in running E-business sites. **07**

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