

GYANMANJARI INNOVATIVE UNIVERSITY

Gyanmanjari Institute of Technology

B.Tech.- End Semester Examination (ESE)- Summer - 2026

Enrollment No.: \_\_\_\_\_

Date: 25/05/2026

Subject Code: BETCE14312

Semester: 4

Subject Name: Cyber Laws and Ethics

Total Marks: 60

Time: 10:30AM To 12:30PM

Instructions:

1. Question No. 1 is Compulsory.
2. Make Suitable Assumptions wherever necessary.
3. Figures to the right indicate full marks.

	Marks
Q.1 (a) Explain the evolution of computer technology from the first to fifth generation.	05
(b) Explain the term 'Cyber Jurisprudence' and its key components.	05
(c) Explain the concept of Digital Signatures and their legal recognition under the IT Act.	10
Q.2 (a) Differentiate second and fifth generation computer.	05
(b) What are the limitations of the IT Act, 2000 in addressing modern cyber crimes?	05
(c) Explain the concept of Online Dispute Resolution (ODR) as an alternative to traditional litigation.	10
OR	
(a) What is public cryptography?	05
(b) Importance of digital signature.	05
(c) What is EDI (Electronic Data Interchange)? Explain its role in the supply chain.	10
Q.3 (a) What is a domain name?	05
(b) What is intellectual property?	05
(c) Describe five core principles to ensure that AI systems are developed and used ethically.	10

OR

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| (a) What is a Trademark? Explain the application of Trademark Law in the digital environment. | 05 |
| (b) Discuss the legal and taxation issues related to electronic business.                     | 05 |
| (c) Explain ethical issues in Artificial Intelligence in detail.                              | 10 |