

(7 pages)

Reg. No. :

Code No. : 31191 E Sub. Code : CMBE 53

B.Com. DEGREE EXAMINATION, NOVEMBER 2025.

Fifth Semester

Banking And E-Commerce – Core

CYBER SECURITY LAW

(For those who joined in July 2021 and 2022 only)

Time : Three hours Maximum : 75 marks

PART A — (10 × 1 = 10 marks)

Answer ALL questions.

Choose the best answer :

1. The IT Act was enacted to:
 - (a) Regulate traditional businesses
 - (b) Limit internet access
 - (c) Promote physical security
 - (d) Address cybercrimes and digital transactions

2. A netizen is:
 - (a) Someone who actively participates in online communities
 - (b) A casual internet user
 - (c) A hacker
 - (d) A software developer
3. Acknowledgement of receipt in electronic communication means:
 - (a) Ignoring the email
 - (b) Deleting the message
 - (c) Printing the email
 - (d) Confirming that the electronic message has been received
4. Time of formation of an e-contract is:
 - (a) When acknowledged by a third-party
 - (b) When the offer is sent
 - (c) When the acceptance is communicated to the offeror
 - (d) When printed

5. Which of the following best describes data encryption?
- (a) Making data public
 - (b) Hiding data in a physical location
 - (c) Converting data into a coded format to prevent unauthorized access
 - (d) Sharing data with multiple users
6. What does intellectual property (IP) primarily protect?
- (a) Physical assets only
 - (b) Creations of the mind, such as inventions and artistic works
 - (c) Real estate
 - (d) Personal belongings
7. Cybercrime refers
- (a) Criminal activities using computers or the internet
 - (b) Traditional theft
 - (c) Physical assault
 - (d) Traffic violations

Page 3 Code No. : 31191 E

8. Which type of cybercrime targets government networks
- (a) Identity theft
 - (b) Phishing
 - (c) Cyber terrorism
 - (d) Malware attack
9. International conventions on patents aim to:
- (a) Promote free use of inventions worldwide
 - (b) Protect inventors' rights across borders
 - (c) Stop patent registration
 - (d) Only regulate physical inventions
10. Indian trademark law is governed by:
- (a) Patents Act 1970
 - (b) Designs Act 2000
 - (c) Copyright Act 1957
 - (d) Trade Marks Act 1999

PART B — (5 × 5 = 25 marks)

Answer ALL questions, by choosing either (a) or (b).
Each answer should not exceed 250 words.

11. (a) Describe the salient features of cyberspace.
- Or
- (b) Infer the term 'jurisprudence' in the context of cyber law.

Page 4 Code No. : 31191 E
[P.T.O.]

12. (a) Explain the role of digital signatures in attributing electronic records.

Or

- (b) Mention the essentials of a valid contract under the Indian Contract Act, 1872.
13. (a) Differences between digital signatures and electronic signatures with examples.

Or

- (b) Infer the term Intellectual Property Rights (IPR) and explain its importance internationally.
14. (a) Define cybercrime and explain its significance in modern society.

Or

- (b) Explicate phishing attacks with suitable examples.
15. (a) Illustrate the benefits of international conventions for inventors.

Or

- (b) Explain the main provisions of the Patents Act, 1970 in India.

PART C — (5 × 8 = 40 marks)

Answer ALL questions, choosing either (a) or (b).
Each answer should not exceed 600 words.

16. (a) Explicate the theoretical foundations and principles of cyber law jurisprudence.

Or

- (b) Discuss the contribution of the IT Act 2000 to preventing cyber crimes in India.
17. (a) Explore the impact of electronic acknowledgment on legal enforceability.

Or

- (b) Explain the time and place of formation of e-contracts.
18. (a) Examine the future trends and emerging technologies in cryptography.

Or

- (b) Analyze the role of certifying authorities in digital signature issuance and management.
19. (a) Examine malware attacks and their effect on computers and networks.

Or

- (b) Explain identity theft and analyze its consequences for individuals and organizations.

20. (a) Describe the essential requirements and features of a patent.

Or

(b) Analyze the role of trademarks in protecting brand identity online.
