

(6 pages)

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B.Com. (CBCS) DEGREE EXAMINATION,
APRIL 2025.

Fifth Semester

Banking and E-Commerce – Core

CYBER SECURITY LAW

(For those who joined in July 2022 only)

Time : Three hours

Maximum : 75 marks

PART A — (10 × 1 = 10 marks)

Answer ALL questions.

Choose the correct answer :

1. What does the term “cyberspace” refer to?
 - (a) The physical space where computers are kept
 - (b) A virtual environment where communication over networks occurs
 - (c) A government building for cybercrime investigations
 - (d) A specific area allocated for electronic devices

2. The Information Technology Act, 2000 was enacted to primarily deal with
 - (a) cyberterrorism
 - (b) traditional crime laws
 - (c) electronic governance, cybercrime, and e-commerce
 - (d) only e-commerce
3. Under Indian law, the time of formation of an electronic contract is
 - (a) when the offer is made
 - (b) when the acceptance is sent by the offeree
 - (c) when the acceptance is received by the offeror
 - (d) when the contract is signed electronically
4. When is an electronic record considered received under the IT Act?
 - (a) When it reaches the recipient's network
 - (b) When it is available to the recipient
 - (c) When it is accessed by the recipient
 - (d) When the sender dispatches it

5. What is a digital signature primarily used for?
- (a) Data compression
 - (b) Data encryption
 - (c) Authenticating the identity of the sender
 - (d) Hiding data
6. Which of the following encryption methods uses two different keys?
- (a) RSA
 - (b) DES
 - (c) AES
 - (d) RC4
7. Common type of cyber crime is
- (a) phishing
 - (b) arson
 - (c) burglary
 - (d) assault
8. Cyber crimes can be classified into which of the following categories?
- (a) Cyberbullying, Hacking, Fraud
 - (b) Physical crimes, Economic crimes, Political crimes
 - (c) Both (a) and (b)
 - (d) All of the above

Page 3 Code No. : 12241 E

9. The International Convention for the Protection of New Varieties of Plants (UPOV Convention) was adopted in which year?
- (a) 1961
 - (b) 1970
 - (c) 1981
 - (d) 1995
10. What is a trademark?
- (a) A copyright for literary work
 - (b) A patent for inventions
 - (c) A sign, symbol, or logo distinguishing goods or services
 - (d) Legal protection for trade secrets

PART B — (5 × 5 = 25 marks)

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

11. (a) State the key amendments to the IT Act, 2000.
- Or
- (b) Explain the salient features of cyberspace.
12. (a) What are online contracts, and how do they differ from traditional contracts?
- Or
- (b) Who is a subscriber in the context of digital signatures? Explain.

Page 4 Code No. : 12241 E
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13. (a) Write the working procedure of a digital signature.

Or

(b) Define the term cryptography. Explain its uses.

14. (a) How can you prevent the cyber crimes in the modern world?

Or

(b) Describe the cyber contraventions under Information Technology Act, 2000.

15. (a) Discuss the functions of trademarks.

Or

(b) Explain the role of PCT in facilitating International patent protection?

PART C — (5 × 8 = 40 marks)

Answer ALL questions, choosing either (a) or (b).

Each answer should not exceed 600 words.

16. (a) Describe the salient provisions of the IT Act, 2000.

Or

(b) Discuss the role of netizen in using the social network.

Page 5 Code No. : 12241 E

17. (a) Write a short note on time and place of formation of E-contract.

Or

(b) Examine the legal framework for contracts under the Indian Contract Act, 1872.

18. (a) Define the term intellectual property rights. Describe its needs and objectives.

Or

(b) Evaluate the techniques and algorithms of digital signature.

19. (a) Analyse the crimes against individuals with examples.

Or

(b) Discuss the various cyber offences under the information technology Act 2005.

20. (a) Examine the International convention for the protection of new varieties of plants 1961.

Or

(b) Describe the registration procedures for trademark issues in digital medium.

Page 6 Code No. : 12241 E