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Reg. No. : .....

Code No. : 22157 E Sub. Code : CMBE 53

B.Com. (CBCS) DEGREE EXAMINATION,  
NOVEMBER 2024.

Fifth Semester

Banking and E-Commerce — Core

CYBER SECURITY LAW

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

Time : Three hours

Maximum : 75 marks

PART A — (10 × 1 = 10 marks)

Answer ALL questions.

Choose the correct answer :

1. What is Cyber Law?
  - (a) A law that governs real estate transactions
  - (b) A law related to banking operations
  - (c) A law that deals with cybercrimes and electronic commerce
  - (d) A law related to insurance operations
2. Who is the primary authority responsible for implementing cyber law in India?
  - (a) Central Vigilance Commission
  - (b) Ministry of Information and Broadcasting
  - (c) Ministry of Electronics and Information Technology
  - (d) Reserve Bank of India
3. Cross-certification in digital signatures means.
  - (a) two certifying authorities trust each other's certificates
  - (b) issuing multiple certificates for the same user
  - (c) use of digital signatures in foreign countries
  - (d) none of the above
4. The role of a Certifying Authority under the IT Act, 2000, is to.
  - (a) issue digital signatures
  - (b) verify the identity of the parties using digital signatures
  - (c) provide a secure key pair for digital signatures
  - (d) all of the above

5. What is the primary purpose of cryptography?
- (a) To make data public
  - (b) To secure information
  - (c) To make data faster
  - (d) To eliminate data storage
6. Which of the following is a challenge in the use of electronic records?
- (a) Increased storage costs
  - (b) Data integrity and security
  - (c) Difficulty in accessing records
  - (d) Lack of electronic devices
7. The primary focus of cyber crime is.
- (a) theft of physical goods
  - (b) criminal activities conducted via the internet or computer systems
  - (c) vandalism of physical property
  - (d) robbery
8. Which of the following is a cyber contravention under the IT Act 2000?
- (a) Sending offensive messages through communication service
  - (b) Bank robbery
  - (c) Physical assault
  - (d) Shoplifting

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9. Which international agreement establishes minimum standards for the protection of intellectual property, including patents?
- (a) WTO TRIPS Agreement
  - (b) Hague Agreement
  - (c) Budapest Treaty
  - (d) Madrid Protocol
10. Which international treaty governs the protection of trademarks across member countries?
- (a) Paris Convention
  - (b) Madrid Protocol
  - (c) Berne Convention
  - (d) UPOV Convention

PART B — (5 × 5 = 25 marks)

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

Each answer should not exceed 250 words.

11. (a) Explain the penalties under the IT Act for cybercrimes.
- Or
- (b) Define the term netizen.
12. (a) What are electronic records under the IT Act, 2000?
- Or
- (b) Enumerate the duties of a subscriber regarding digital signatures.

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[P.T.O.]

13. (a) List and explain types of encryption techniques.

Or

- (b) Discuss the international scenario regarding digital signatures and electronic records.
14. (a) Introduce the term cybercrime. Explain its necessity.
- Or
- (b) Write a short note on cyber crimes existing in society.
15. (a) Discuss in details about the international law relating to patents.

Or

- (b) Justify the term Patent Law 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) Introduce the term cyber law. Explain its evolution in India.

Or

- (b) Discuss the need for enactment of the Information Technology Act, 2000.

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17. (a) Explain the procedure for obtaining a Digital Signature Certificate (DSC).

Or

- (b) On what basis the time and place of formation of an e-contract determined? Discuss.
18. (a) What is electronic signature? Distinguish its from digital signature.

Or

- (b) Define the term secure digital record. Distinguish it from secure electronic record.
19. (a) Classify the cyber crimes with suitable examples.

Or

- (b) How has social media contributed to cybercrime? Examine.
20. (a) State the functions and attributes of trademarks.

Or

- (b) Mention the advantages and disadvantages of patent issues in digital medium.

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