

END TERM EXAMINATION

FOURTH SEMESTER [BCA] MAY-JUNE 2026

Paper Code: BCA-216T

Subject: Introduction to Security, Acts And
Cyber Laws And Cyber Security

Time: 3 Hours

Maximum Marks: 60

Note: Attempt all questions as directed. Internal choice is indicated.

Q.1 Attempt **any four** of the following (4x5=20)

- (a) Difference between DOS attack and DDoS attack?
- (b) Discuss the need for cyber forensics.
- (c) What are the different sources of malware?
- (d) What do you understand by the term cybercrime.
- (e) Discuss about the Cyber terrorism.
- (f) What is mobile attack? Explain different types of mobile attacks.
- (g) what are the security challenges posed by Mobile devices?
- (h) Discuss the role of cyber security in modern society.

- Q.2 (a) Explain types of hackers and their characteristics. (5)
(b) Describe cybercrimes against individuals, organizations, and governments. (5)

OR

- Q.3 (a) Explain various cybercrimes and their legal punishments in India. (5)
(b) Explain various security mechanisms used to protect data and networks. (5)

- Q.4 (a) What are the various sections of the IT Act? (5)
(b) Discuss different cyber security threats and preventive measures (5)

OR

- Q.5 (a) Differentiate between cyber security and information security (5)
(b) What is the role of a firewall in network security (5)

- Q.6 (a) Explain the impact of cybercrimes on society and economy. (5)
(b) What are the major categories of cybercrime? Write a brief note on each of them. (5)

OR

- Q.7 (a) What is phishing? Explain the working of a standard phishing attack. (5)
(b) Explain the benefit of using key loggers. (5)

- Q.8 (a) Explain the role of government and organizations in cyber security. (5)
(b) Write a detailed note on cyber laws in India (5)

OR

- Q.9 (a) Explain the working of an Intrusion Detection System. (5)
(b) Explain different types of cyber-attacks with real-life examples. (5)

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