

IV B. TECH I SEMESTER REGULAR EXAMINATIONS, NOVEMBER - 2023
CYBER SECURITY
(CSE – ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING)

Time: 3 hours

Max. Marks: 70

Note : Answer ONE question from each unit (5 × 14 = 70 Marks)
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UNIT-I

- 1. a) Define computer crime. Discuss about Cyberpunk and Cyber warfare. [7M]
- b) List the various cybercrimes against property and against organization. [7M]

(OR)

- 2. a) Discuss cybercrime and the Indian ITA 2000. [7M]
- b) Who are cybercriminals? Discuss the three groups of cybercriminals. [7M]

UNIT-II

- 3. a) What is Social Engineering? Classify briefly. [7M]
- b) Discuss Human Based Social Engineering with a suitable example. [7M]

(OR)

- 4. a) Explain how criminals plan the attacks. [7M]
- b) List the phases involved in planning cyber crimes. [7M]

UNIT-III

- 5. a) Explain about attacks on mobile / cell phones / mobile devices. [7M]
- b) What are the operating guidelines for implementing mobile device security policies. [7M]

- 6. a) Discuss about Types and Techniques of credit card frauds in detail. [7M]
- b) Explain LDAP security for Hand-Held mobile computing devices. [7M]

UNIT-IV

- 7. a) Explain four types of methods used by the phishers to reveal personal information on Internet. [7M]
- b) Discuss various types of Phishing Scams. [7M]

(OR)

- 8. a) Discuss the various techniques used by Phishers to launch Phishing attacks [7M]
- b) Discuss various types of Identity Theft techniques [7M]

UNIT-V

9. a) Illustrate the key challenges to the organizations against cyber crimes and cyber security. [7M]

b) Discuss about Insider Threats in detail. [7M]

(OR)

10. a) What are the incidents? Explain with examples. [7M]

b) Why organisations need Incident Response Systems ? Justify. [7M]

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