

CS-504
B.TECH (CSE/AIML) VI SEMESTER
EXAMINATION (NOVEMBER-2024)
CYBER SECURITY

Maximum Marks: 70

Time Allowed: 3 Hours

Note:- Attempt all questions. Internal choice is given.

SECTION – A

I. Short Answer Type Questions (Attempt Any Five) [5×4=20]

- i. Define cyber-crime and explain its characteristics.
- ii. Explain email spoofing and its potential impact on individuals and organizations.
- iii. Describe common types of online frauds and measures to prevent them.
- iv. Discuss the concept of cyber-crime as defined by the IT Act.
- v. Discuss the relevancy, admissibility, and probative value of electronic evidence.
- vi. Define software worms and explain their impact on computer systems.
- vii. What is spamming? Discuss its effects and methods to prevent it.

SECTION – B

II. Long Answer Type Questions (Attempt Any Four) [4×10=40]

- i. Explain web jacking and online identity theft.
- ii. Discuss the types and categories of cyber fraud and cheating.
- iii. Explain the jurisdiction issues related to cyber-crime.
- iv. Explain the role and management of electronic records.
- v. Explain the different types of memory and how they work.
- vi. Explain DoS and DDoS attacks and how they can be mitigated.