CYS 214 (R-22)

Total No. of Questions : 10] [Total No.of Pages : 02

II/IV B. Tech. DEGREE EXAMINATIONS, AUGUST - 2024

First Semester

CYBER SECURITY

INTRODUCTION TO CYBER SECURITY

Time : **Three Hours** Maximum : **70** Marks

Answer ONE Question from each Unit. 5x14=70 M

All Questions carry equal marks.

UNIT - I

1. a) Define cyberspace give overview of computer and web technology.

   b) Explain about communication and web technology briefly.

(OR)

2. a) Explain the architecture of cyberspace.

   b) Explain the concept of cyber security.

UNIT - II

3. a) Explain the classification of cyber crimes.

   b) Explain cybercrime against women and children.

(OR)

4. a) Explain financial frauds and social engineering attacks.

   b) Discuss about malware and ransomware attacks.

UNIT - III

5. a) Explain types of social media.

   b) Explain security issues related to social media.

(OR)

6. a) Explain laws regarding posting of inappropriate content.

   b) Explain about social media platforms and social media monitoring.

P.T.O.

UNIT - IV

7. a) Define E-commerce explain main components of E-commerce.

   b) Explain modes of digital payments.

(OR)

8. a) Explain about elements of E-commerce security.

   b) Explain digital payments related common frauds.

UNIT - V

9. a) Explain about security patch management.

   b) Explain about data backup.

(OR)

10. a) Explain cyber security best practices in detail.

    b) Explain the significance of host firewall and anti virus.