TB2519I8C

Reg. No :.....

Name :.....

BACHELOR'S DEGREE EXAMINATION, OCTOBER 2025

2025 ADMISSIONS REGULAR

SEMESTER I - MULTI-DISCIPLINARY COURSES (MDC) (COMPUTER APPLICATIONS)

CP1MDC01B24 - Cyber Laws and Security

Time : 1.5 Hours

Maximum Marks : 50

Part A

Answer all questions from the bunch of CO1. Each question carries 2 mark. (2x3=6)

1. Describe how Section 66 of the IT Act deals with hacking. [CO1,Understand]
2. Identify any two punishable offenses under the IT Act. [CO1,Understand]
3. Describe the need for introducing the IT Act in India. [CO1,Understand]

Part A

Answer all questions from the bunch of CO2. Each question carries 2 mark. (2x3=6)

4. Describe how to verify the authenticity of a website. [CO2,Understand]
5. Explain the importance of creating strong passwords. [CO2,Understand]
6. Describe why internet security is essential in daily online activities. [CO2,Understand]

Part A

Answer all questions from the bunch of CO3. Each question carries 2 mark. (2x4=8)

7. Explain the role of ethical hackers in securing systems. [CO3,Understand]
8. Describe the advantage of asymmetric over symmetric encryption. [CO3,Understand]
9. Explain the terms plain text and cipher text. [CO3,Understand]
10. Describe the purpose of encoding a message using a cipher. [CO3,Understand]

Part B

Answer any 2 questions from the bunch of CO1. Each question carries 5 mark. (5x2=10)

11. Discuss the role of awareness campaigns in preventing cyber harassment. [CO1,Understand]
12. Discuss the amendments made to the IT Act and their significance. [CO1,Understand]
13. Discuss the importance of having a legal framework for cyberspace. [CO1,Understand]

Part B

Answer any 2 questions from the bunch of CO2. Each question carries 5 mark. (5x2=10)

14. Summarize how internet security practices contribute to safe digital finance. [CO2,Understand]
15. Discuss the best practices for secure online shopping. [CO2,Understand]
16. Explain how banking apps ensure the security of online transactions. [CO2,Understand]

Part B

Answer any 2 questions from the bunch of CO3. Each question carries 5 mark. (5x2=10)

17. Explain the tools used in cyber forensics for data recovery and investigation. [CO3,Understand]
18. Explain how cryptography ensures confidentiality in digital communication. [CO3,Understand]
19. Explain the steps involved in a digital forensic investigation [CO3,Understand]