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**BCMCAE 384**

**Choice Based Credit System Sixth Semester B.Com. Degree  
Examination, September 2022  
(2021-22 Batch Onwards)  
COMPUTER APPLICATIONS (Vocational)  
E3 : Information Securities and Cyber Laws**

Time : 3 Hours

Max. Marks : 80

**Note :** Answer **any ten** questions from Part – **A** and **one full** question from **each** Unit of Part – **B**.

**PART – A**

1. a) Define Information System.
- b) What is Passive Attack ?
- c) What is Cyber Security ?
- d) What is Archival of data ?
- e) What is Firewall ?
- f) What do you mean by Spoofing ?
- g) List out activities involved in risk management.
- h) What are the different security issues with Hardware ?
- i) List out any two back up security measures.
- j) Name any two Information Security standards that are laid by ISO.
- k) Define Corporate policy.
- l) What is Copyright ?

**(10×2=20)**

**PART – B**

**Unit – I**

2. a) What are different IS activities ? Explain.
- b) Explain Management Support System.
- c) Explain the factors that can lead to system failure.

**(5+5+5)**

**P.T.O.**



- 3. a) Explain Knowledge Based System.
  - b) Explain the Goals of Information Security.
  - c) Explain how to get protection from online predators and cyber bullies.
- (5+5+5)**

**Unit – II**

- 4. a) Explain host based IDS.
  - b) Explain any five vulnerabilities of VPN.
  - c) Write a short note on Electronic Payment System.
- (5+5+5)**
- 5. a) Explain the guidelines for securing client side application.
  - b) Explain any two types of Spoofing.
  - c) Write a note on Digital Signature.
- (5+5+5)**

**Unit – III**

- 6. a) Write a short note on secure information system development.
  - b) Explain Integrity security at the disposal phase.
  - c) Discuss security issues with Hardware.
- (5+5+5)**
- 7. a) Discuss security issues with downloadable devices.
  - b) Explain Integrity security at the maintenance phase.
  - c) Explain secure hardware system architecture.
- (5+5+5)**

**Unit – IV**

- 8. a) Explain the steps involved in policy review process.
  - b) Write a note on WWW policy.
  - c) Explain briefly about patentable invention.
- (5+5+5)**
- 9. a) Explain briefly about Cooperative policy.
  - b) Write a note on email security policy.
  - c) What is Software license ? Explain.
- (5+5+5)**