

(Following Paper ID and Roll No. to be filled in your Answer Book)

Paper ID : 199143

Roll No.

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B. Tech.

(SEM. III) THEORY EXAMINATION, 2015-16

CYBER SECURITY

[Time : 3 hours]

[Maximum Marks : 100]

SECTION - A

1. Attempt **all** parts. All parts carry **equal** marks. Write answer of each part in short. (2x10=20)
  - (a) What do you mean by Information Security ?
  - (b) What is Security Risk Analysis ?
  - (c) What is Copy Right law in Cyber Security ?
  - (d) Describe the security threats to E-commerce.
  - (e) Explain the requirement of digital signature system.
  - (f) Explain functions of Information System with suitable diagram.

- (g) How do distributed information systems help the global enterprises in today's business world ?
- (h) Explain the concept of EDI.
- (i) What is WWW policies in Cyber Security ?
- (j) What are Email Security policies ?

### SECTION - B

Note : Attempt any **five** questions from this section :(10x5=50)

- 2. What do you mean by biometric system ? Discuss the advantages of Biometrics over traditional authentication method.
- 3. Explain the concept of Intrusion Detection System.
- 4. What is Intellectual Property Law ?
- 5. What is Software License in Cyber Security ?
- 6. What is Backup Security Measures ?
- 7. What is Cyber Security ? How to secure your information explain in detail.
- 8. What is Virtual Private Network ?
- 9. What are the important parameters to be taken care while

developing a secure information system ?

### SECTION - C

Note: Attempt any **two** questions from this section : (15x2=30)

- 10. Explain the following Payment System in E-Commerce:
  - (a) e-Cash
  - (b) Credit / Debit Cards
  - (c) Net Banking
- 11. Explain the following in detail :
  - (a) Cyber Laws in India, IT Act 2000 Provisions
  - (b) Software License
  - (c) Semiconductor Law
- 12. Briefly explain the following :
  - (a) Access Control in Cyber Security
  - (b) Public Key Cryptography
  - (c) Face Recognition

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