

Printed Pages: 3

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AUC-002

(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.

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[P.T.O.]

(g) How do distributed information systems help the global enterprises in today's business world?

(h) Explain the concept of EDI.

(i) What is W/W 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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