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AUC-002

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

Paper ID : 199143

Roll No.

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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(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

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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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