Printed Pages: 01 **Sub Code: RHU001A**
Paper Id: 199214 **Roll No.** | | | | | | | | | | |

MBA
(SEM-IV) THEORY EXAMINATION 2018-19
CYBER SECURITY

Time: 3 Hours ***Total Marks: 100***

Note: Attempt all Sections. If require any missing data; then choose suitably.

SECTION A

1. Attempt *all* questions in brief. 2 x 10 = 20

a. What do you mean by Information System?
b. Explain Information Security.
c. What is E-Commerce?
d. Explain Denial of Service?
e. Explain the Role of Digital Signature.
f. Explain Security Risk Analysis.
g. Explain Malicious Software.
h. Define Trapdoors.
i. Define Spoofs.
j. What is VPN?

SECTION B

2. Attempt any *three* of the following: 10 x 3 = 30

a. Explain WWW policies in Cyber Security in detail.
b. Explain Biometric system? Discuss the advantages of Biometrics over traditional authentication method.
c. Describe the concept of Intrusion Detection System.
d. Explain the Security technologies that are used for data & application security.
e. Explain the primary measures applied for security of backup.

SECTION C

3. Attempt any *one* part of the following: 10 x 1 = 10

(a) Explain the Objective & Scope of IT Act 2000.
(b) Explain Smart Card. Explain how Credit Card is different from Debit Card.

4. Attempt any *one*part of the following: 10 x 1 = 10

(a) Explain the Data Security, Email Security & Internet Security in detail.
(b) What do you mean by Virtual Private Networks? Discuss authentication mechanism used in VPN.

5. Attempt any *one* part of the following: 10 x 1 = 10

(a) What is Electronic Data Interchange? What are the benefits of EDI? How can it be helpful in governance?
(b) Explain the Followings (i) Firewall (ii) Cryptography (iii) Copyright & Patent

6. Attempt any *one* part of the following: 10 x 1 = 10

(a) Describe Software License & Semiconductor Law in detail.
(b) Explain E-Cash. How is it useful in public domain?

7. Attempt any *one* part of the following: 10 x 1 = 10

(a) Explain the Intellectual Property related legislation in India.
(b) Define the Followings (i) CCTV (ii) Intrusion Detection System (iii) E-mail Viruses

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