MCRI-023

MASTER OF BUSINESS ADMINISTRATION (MBANIM)

Term-End Examination
June, 2013

00997

MCRI-023 : DESIGN AND IMPLEMENTATION OF INFORMATION SECURITY CYBER LAWS

Time : 3 hours   *Maximum Marks : 100*

Note :   *Answer **any five** questions. Each question carries **equal** marks.*

1. What is Information Security and explain the following basic security parameters ?   **20**
   - Confidentiality
   - Integrity
   - Availability
   - Authenticity
   - Non-repudiation

2. Define a security attack. Explain in detail about the various types of attacks an Internet work is vulnerable to.   **20**

3. (a) Define the terms "Vulnerability" and "threat" w.r.t. Information systems.   **10**

   (b) Explain in detail on 'Risk management process' to protect information systems.   **10**

4. Write short notes on : 20

   (a) Cyber Forensics

   (b) Disaster Recovery

   (c) Security Technologies

   (d) Digital Signature

5. (a) What is cyber crime ? How to prevent cyber crime ? 10

   (b) Explain briefly various legal issues and applicable laws in Information Security. 10

6. (a) What is Systems Security Engineering Capability Maturity Model (SSE-CMM) write its functionalities. 10

   (b) Explain structural components of SSE-CMM model. 10

7. (a) What is computer forensics and how does the process work ? 10

   (b) How does computer forensics help reduce loss and liability ? 10

8. Explain various steps involved in cyber forensics procedures. 20

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