

B TECH / MBA / BFAD / BFA / B ARCH / B PHARM / BHMCT
(SEM III) THEORY EXAMINATION 2018-19
CYBER SECURITY

Time: 3 Hours**Total Marks: 100****Note: 1.** Attempt all Sections. If require any missing data; then choose suitably.**SECTION A****1. Attempt all questions in brief.****2 x 10 = 20**

- a. Describe the Intellectual Property Issues (IPR).
- b. Discuss the difference between Malware and Spyware.
- c. Define the terms RTGS and NEFT
- d. What are WWW policies in Cyber Security?
- e. Explain the concept of EDI.
- f. What is Security Risk Analysis?
- g. Explain the requirement of digital signature system.
- h. How distributed information systems do helps the global enterprises in today's business world?
- i. Explain briefly about disposal of data
- j. What is the need of Cyber laws in India?

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

- a. What are the fingerprints? Briefly describe the use of the finger print in current scenario.
- b. What do you mean by Virtual Private Networks? Discuss authentication mechanism used in VPN.
- c. What is Intrusion Detection System (IDS)? Explain its type in detail.
- d. What do you mean by biometric system? Discuss the advantages of Biometrics over traditional authentication method.
- e. Explain and differentiate between integrating security at the implementation phase and the developing phase.

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

- (a) What are decision support systems? Discuss major functional Requirement of a decision support system.
- (b) What is Face Recognition in Cyber Security?

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

- (a) Explain the different types of firewall with limitations.
- (b) What are Security threats to E-Commerce? Discuss.

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

- (a) Explain SDLC in details.
- (b) Explain Private key cryptosystem and Public key cryptosystem in details.

6. 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 helpful in governance?
- (b) Elaborate the term access control. What is included in authorization process for (File, Program, Data rights) and explain all types of controls.

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

- (a) Explain Intellectual Property Laws in details.
- (b) Explain Copyright Act in India.