

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.