

Unit IV

7. (a) Discuss the impact of Web Threats and Security issues for the organizations that are using the services and infrastructure of Cloud Computing. **10**
- (b) Explain, how people's privacy is protected in the organization. **5**
8. Explain the following : **5×3=15**
- (a) IPR Issues
- (b) Media and Asset Protection
- (c) Guidelines for Safe Computer Usage Policy.

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Roll No.

G-10

B. Tech. EXAMINATION, Dec. 2018

(Seventh Semester)

(B. Scheme) (Main & Re-appear)

(Common for all branches)

IT413B

CYBER SECURITY

Time : 3 Hours]

[Maximum Marks : 75

Before answering the question-paper candidates should ensure that they have been supplied to correct and complete question-paper. No complaint, in this regard, will be entertained after the examination.

Note : Attempt *Five* questions in all, selecting at least *one* question from each Unit. All questions carry equal marks.

Unit I

1. (a) What is a Cyber Crime ? Give a brief classification of Cyber Crime. **7½**
(b) How students are affected by Cyber Crime ? Explain with the help of latest example to elaborate the cyber crimes. **7½**
2. Discuss in detail various challenges and consequences of IT Act of Indian Law. **15**

Unit II

3. Explain the following terms with examples : **15**
 - (a) Virus
 - (b) Worms
 - (c) Trojan Horses
 - (d) Spywares
 - (e) Keyloggers and Backdoors.

4. (a) Differentiate between DOS and DDoS Attacks. What are the prevention techniques that are used for preventing attacks on transactions done on mobile phones. **10**
(b) Explain, how steganography is helpful in Security. **5**

Unit III

5. (a) What is Computer Forensics ? Discuss its significance in IT. **7**
(b) How OSI Model is relevant to Computer Forensics ? **8**
6. (a) Explain with the help of a diagram Life Cycle of a Digital Forensics. **10**
(b) Write a short note on Security and Privacy of Social Networking Sites. **5**