

**GUJARAT TECHNOLOGICAL UNIVERSITY****MCA Integrated – SEMESTER – VII • EXAMINATION – SUMMER 2018****Subject Code: 4470621****Date: 07-May-2018****Subject Name: Information Security****Time: 02.30 pm to 5.00 pm****Total Marks: 70****Instructions:**

1. Attempt all questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.

- Q.1 (a)** Define following:- **07**  
 (a) Piracy  
 (b) Hactivism  
 (c) Anonymity  
 (d) Trade Secret  
 (e) Script Kiddies  
 (f) Masquerade  
 (g) vulnerabilities
- (b)** (i) Explain Difference between Anonymity and Multiple Identities and Pseudonymity **03**  
 (ii) Explain difference between Interception and Interruption **04**
- Q.2 (a)** What do you mean by Hackers? Explain Methodology of Hackers. **07**  
**(b)** What is Information Security? Explain Security Goals in detail. **07**
- OR**
- (b)** (i) Explain Packet sniffer with example. **04**  
 (ii) Explain Classification of Hackers. **03**
- Q.3 (a)** List out Security Policies. Explain any one in detail. **07**  
**(b)** Explain SQL Injection in detail. **07**
- OR**
- Q.3 (a)** Explain Military Security Policy. Explain Chinese Wall Security Policy. **07**  
**(b)** Explain Website Vulnerabilities. **07**
- Q.4 (a)** Explain Characteristics of a Good Security Policy. **07**  
**(b)** (i) Explain Session Hijacking with example. **04**  
 (ii) Explain Computer related Privacy Problems. **03**
- OR**
- Q.4 (a)** (i) Explain Man-in-the-Middle Attack. **04**  
 (ii) List Out Program Flaws. **03**  
**(b)** Explain U.S. Privacy Laws **07**
- Q.5 (a)** Compare Copyright, Patent and Trade Secret Protection. **07**  
**(b)** What are the steps to Protect against Privacy Loss? **07**
- OR**
- Q.5 (a)** Explain Non-U.S. Piracy Principles. **07**  
**(b)** (i) Difference between active v/s passive attacks. **04**  
 (ii) Explain Trusted System. **03**

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