

GUJARAT TECHNOLOGICAL UNIVERSITY
MCA INTEGRATED – SEMESTER VII– • EXAMINATION – SUMMER 2017

Subject Code: 4470621**Date: 04/05/2017****Subject Name: Information Security****Time: 02:30 P.M. To 5:00P.M.****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) Difference between Hackers and Crackers
 (b) Trade Secret
 (c) Masquerade
 (d) Social Engineering
 (e) Hactivism
 (f) Intellectual Property
 (g) Anonymity
- (b)** (i) Explain Security Goals. **03**
 (ii) Explain Computer Criminals. **04**
- Q.2 (a)** Explain Website Vulnerabilities. **07**
(b) Explain Security Threats in detail. **07**
- OR**
- (b)** (i) Difference between active v/s passive attacks. **04**
 (ii) Explain Classification of Hackers. **03**
- Q.3 (a)** Explain Chinese Wall Security Policy. **07**
(b) Explain SQL Injection in detail. **07**
- OR**
- Q.3 (a)** Explain Military Security Policy. **07**
(b) (i) Explain Security Requirements. **04**
 (ii) Explain Trusted System. **03**
- Q.4 (a)** Explain Content of Security Plan. **07**
(b) (i) Explain Man-in-the-Middle Attack. **04**
 (ii) Explain Eavesdropping and Wiretapping. **03**
- OR**
- Q.4 (a)** (i) Explain Packet sniffer and Session Hijacking **04**
 (ii) What is Business Continuity Plan? Explain characteristics of it. **03**
(b) Explain Characteristics of a Good Security Policy. **07**
- Q.5 (a)** Explain U.S. Privacy Laws. **07**
(b) What are the steps to Protect against Privacy Loss? **07**
- OR**
- Q.5 (a)** Compare Copyright, Patent and Trade Secret Protection **07**
(b) (i) Explain Computer related Privacy Problems. **04**
 (ii) Difference between Anonymity and Multiple Identities and Pseudonymity. **03**
