Seat No.:	Enrolment No.

## **GUJARAT TECHNOLOGICAL UNIVERSITY**

MCA INTEGRATED - SEMESTER VII- • EXAMINATION - WINTER 2016

Subject Code:4470621 Date: 22/1 Subject Name: Information Security Time:10:30 A.M. To 1:00P.M. Total Mar Instructions:			Date: 22/11/2016	
		ks: 70		
11130	1. 2.	Attempt all questions.  Make suitable assumptions wherever necessary.  Figures to the right indicate full marks.		
Q.1	(a)	Define following:  (a)Difference between Interception & Interruption (b)Trade Secret (c)Hactivism (d)Cyberterrorism (e)Piracy (f)Security Policy. (g)Script kiddies	07	
	(b)	(i) Explain Security Goals. (ii) Explain Classification of Hackers.	03 04	
Q.2	(a) (b)	Compare Copyright, Patent and Trade Secret Protection. Explain NonMalicious Program Errors.  OR	07 07	
	(b)	(i) Difference between active v/s passive attacks. (ii) Explain Masquerade and phishing.	04 03	
Q.3	(a) (b)	Explain SQL Injection in detail. List out Security Policies. Explain any one in detail.  OR	07 07	
Q.3	(a) (b)	Explain Bell-La Padula Confidentiality Model in detail.  (i)List out Program Flaws.  (ii)Explain Military Security Policy.	07 04 03	
Q.4	(a) (b)	Explain Seven issues of Security Planning. (i)Explain Packet sniffer and Session Hijacking (ii)Explain U.S.Privacy Laws.  OR	03 07 04 03	
Q.4	(a)	(i) Explain Characteristics of a Good Security Policy. (ii) Difference between Anonymity and Multiple Identities an Pseudonymity	<b>04</b> d <b>0</b> 3	
	(b)	Explain Website Vulnerabilities.	07	
Q.5	(a) (b)	Explain Non-U.S.Privacy Principles. What do you mean by Hacker? Explain Methodology of Hacking.  OR	07 07	
Q.5	(a) (b)	What are the steps to Protect against Privacy Loss? (i)Explain the difference between Vulnerability, Threats and Attacks. (ii)Explain Chinese Wall Security Policy.  ***********************************	07 04 03	