Seat No.: _____   Enrolment No._____

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

****