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:- (a)Difference between Hackers and Crackers (b)Trade Secret (c) Masquerade (d)Social Engineering (e)Hactivism (f)Intellectual Property (g)Anonymity	**07**
	(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**

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