Seat No.: _____ Enrolment No._____

GUJARAT TECHNOLOGICAL UNIVERSITY

MCA - SEMESTER– V• EXAMINATION – WINTER 2016

Subject Code: 2650008 Date:24/11/2016

Subject Name: Cyber Security and Forensics

Time:10.30 AM TO 01.00 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)**	Explain cyber stalking.	**07**
	(b)	Discuss all classification of cybercrime.	**07**
Q.2	**(a)**	Explain different techniques of ID theft.	**07**
	(b)	Explain physical security counter measures for laptops.	**07**
		OR	
	(b)	Explain Digital Forensics science.	**07**
Q.3	**(a)**	Write short note on cloud computing.	**07**
	(b)	Define phishing. Explain spam emails and hoax emails.	**07**
		OR	
Q.3	**(a)**	Discuss forensics analysis of E-Mail.	**07**
	(b)	Write short note on Steganography.	**07**
Q.4	**(a)**	Discuss how criminals plan the attack?	**07**
	(b)	Explain types and techniques of credit card frauds.	**07**
		OR	
Q.4	**(a)**	Discuss your views on Strong, Weak and Random passwords.	**07**
	(b)	Write short note on PDA forensics.	**07**
Q.5	**(a)**	Explain vishing and smishing.	**07**
	(b)	Explain software and hardware key loggers.	**07**
		OR	
Q.5	**(a)**	Discuss the need of cyber laws with reference to Indian context.	**07**
	(b)	Discuss toolkits for Hand held device forensics	**07**

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