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GUJARAT TECHNOLOGICAL UNIVERSITY

MCA - SEMESTER–V • EXAMINATION – WINTER • 2014

Subject Code: 2650008 Date: 05-12-2014

Subject Name: Cyber Security and Forensics

Time: 10:30 am - 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)**	Write short note on botnet.	**07**
	(b)	Discuss your views on co-relation of cybercrime and information security.	**07**
Q.2	**(a)**	Define phishing. Explain spam emails and hoax emails.	**07**
	(b)	Explain registry settings for mobile devices.	**07**
		OR	
	(b)	Discuss threats through lost and stolen devices.	**07**
Q.3	**(a)**	Discuss classification of cybercrime.	**07**
	(b)	Explain vishing.	**07**
		OR	
Q.3	**(a)**	Explain social engineering.	**07**
	(b)	Discuss your views on Strong, Weak and Random passwords.	**07**
Q.4	**(a)**	Discuss the need of cyber laws with reference to Indian context.	**07**
	(b)	Discuss forensics analysis of E-Mail.	**07**
		OR	
Q.4	**(a)**	Discuss DoS attack and its classification.	**07**
	(b)	Write short note on Forensics Auditing.	**07**
Q.5	**(a)**	Discuss cyber café related matters addressed in the amendment to the Indian IT act.	**07**
	(b)	Discuss any three toolkits for Hand held device forensics.	**07**
		OR	
Q.5	**(a)**	Discuss relevance of the OSI Layer model to computer forensics.	**07**
	(b)	Write short note on SQL Injection.	**07**

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