Seat No.:	Enrolment No
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GUJARAT TECHNOLOGICAL UNIVERSITY MCA - SEMESTER-V • EXAMINATION – SUMMER - 2016

Subject Code:650008 Subject Name: Cybersecurity and Forensics Time: 10:30 AM to 01:00 Instructions: Total Marks:		Code:650008 Date:11/05/201	Date:11/05/2016	
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	1. 2. 3.	Attempt all questions. Make suitable assumptions wherever necessary. Figures to the right indicate full marks.		
Q.1	(a) (b)	What is social engineering? Explain its classification. Explain various phishing techniques.	07 07	
Q.2	(a) (b)	Explain various types of viruses. How do we classify cybercrimes? Explain each one briefly. OR	07 07	
	(b)	What kinds of attacks are possible on mobile/cell phones? Explain with examples.	07	
Q.3	(a) (b)	Explain the types of DoS attacks. Explain in brief Digital Forensics Lifecycle. OR	07 07	
Q.3	(a) (b)	Write a note on Forensics Auditing. Explain briefly toolkits for hand-held device forensics.	07 07	
Q.4	(a) (b)	State the strong and weak areas of ITA 2000. What are the physical security countermeasures for protecting the laptops? OR	07 07	
Q.4	(a) (b)	Differentiate between virus and worms. Explain the types of identity theft.	07 07	
Q.5	(a) (b)	Write a note on iPhone forensics. What are the challenges to Indian Law and cybercrime scenario in India? OR	07 07	
Q.5	(a) (b)	Explain Botnets –A fuel for cybercrime. How cyber criminals plan the attacks?	07 07	
