Seat 1	No.: _	GUJARAT TECHNOLOGICAL UNIVERSITY	
•		MCA- V th SEMESTER-EXAMINATION – JUNE - 2012 code: 650008 Date: 14/06/2 Name: Cyber Security & Forensics (CSF)	012
Time Insti 1. 2.	e: 02 ruct Att Ma	:30 pm – 05:00 pm ions: empt all questions. ke suitable assumptions wherever necessary. ures to the right indicate full marks.	: 70
Q.1	(a) (b)	Define the following I. Steganalysis II. Zero day attack III. Anonymizers IV. Salami Attack Explain the Following I. How do viruses get disseminated II. Cyber crime associated with cloud computing	02 02 02 01 04 03
Q.2	(a) (b)	Explain Mishing and Smishing with examples. Which kind of cybercrime may happen in Cybercafes? Which type of safety precautions needs to be taken by the owners of cybercafe to prevent cyber crimes? OR	07 07
	(b)	What is Social Engineering? Explain the classification of Social Engineering?	07
Q.3	(a) (b)	What kinds of attacks are possible on Mobile phones? Explain in detail. What are the different phases of attacks on the network?	07 07
Q.3	(a) (b)	OR What is Vishing Attack? Explain the procedure to get protected from vishing attack. Elaborate different techniques for Identity Theft?	07 07
Q.4	(a) (b)	What are DOS and DDOS attacks? Explain how to get out of it? Explain the prominent features of the Indian IT Act – 2000. OR	07 07
Q.4	(a) (b)	Highlight the impact of IT Act Amendments on IT Organizations. Which are the security implications for an organization from the mobile devices?	07 07
Q.5	(a) (b)	What are the weak areas of the ITA 2000? What amendments have been introduced against it in ITA 2008? Elucidate the Forensics Auditing with proper example.	07 07

Explicate Cyber Forensics toolkits for Hand-Held Devices.

Q.5 (a)

(b)

ORGive explanation on the Legal Challenges in Computer Forensics and Data

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