Seat N	lo.: _	Enrolment No.	_
		GUJARAT TECHNOLOGICAL UNIVERSITY	
		M.C.A SEMESTER – V • EXAMINATION – WINTER 2012	
Subi	ect (code: 650008 Date: 28-12-2012	
•		Name: Cyber Security and Forensics (CSF)	
-			
		:30 am – 1:00 pm Total Marks: 70	
Instr		ions:	
		Attempt all questions.	
		Make suitable assumptions wherever necessary.	
	3.	Figures to the right indicate full marks.	
Λ1	(a)	Define the following terms :	07
Q.1	(a)	1. Cybercrime 2. Social Engineering	U/
		3. Active Attack 4. Trojan Horse	
		5. Whaling 6. Digital Forensics	
		7. LDAP	
	(b)		07
	(2)	briefly.	0.
Q.2	(a)		07
	()	briefly.	
	(b)	·	04
		ii. Explain types of services provided by cloud computing.	03
		OR	
	(b)	i. What is cyberstalking? What are the types of stalkers? Provide Example.	04
		ii. Prepare security guidelines which can be implemented in an organization.	03
Q.3	(a)	Explain the various measures for protection of laptops through physical	07
		measures and logical access control measures.	
	(b)		07
		OR	
Q.3	(a)		07
	(b)	<u> </u>	07
0.4	()	attack?	0.4
Q.4	(a)	· · · · · · · · · · · · · · · · · · ·	04
	(b)	ii. What are Spam and Hoax E-Mails?	03 07
	(D)	Under the Indian IT Act, is there a legal protection available for "personal data" or "sensitive personal data"? Explain how.	U/
		OR	
Q.4	(a)		07
Q.4	(b)	* **	04
~ ··	(~)	why.	٠.
		ii. What is the meaning of "cyberlaw"? Explain the concept of "trust seal".	03
Q.5	(a)		04
		applies in computer/digital forensics.	
		ii. Explain why the NDA is important in a forensics investigation? List and	03
		explain Elements of forensics investigation contract.	
	(b)	What are the various phases and activities involved in the life cycle of a	07
		forensics investigation process?	
		OR	
Q.5	(a)	i. What are rootkits? Why are they dangerous? How do rootkits help cyberattckers?	04
		ii. Provide an overview of how "data mining" techniques can be applied in	03

cyberforensics.

(b) Explain forensics examination of PDAs and iPhones.

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