Sea	ıt No.:	Enrolment No.	_
		GUJARAT TECHNOLOGICAL UNIVERSITY ME – SEMESTER III (NEW) – EXAMINATION – WINTER-2016	
Su	bject	Code: 3735101 Date:25/10/2010	6
Subject Name: Cyber forensics Time:02:30 pm to 05:00 pm Instructions: Total I		2:30 pm to 05:00 pm Total Marks: 7	0
	2.	Attempt all questions. Make suitable assumptions wherever necessary. Figures to the right indicate full marks.	
Q.1	(a) (b)	(i) Describe the steps involved in cyber forensics.(ii) "Encoding is not encrypting" Justify.	07 03 04 07
	(b)	(i) In a common criminal computer forensic case, which types of investigative team members can be found?(ii) A Word document is prepared and saved on laptop with the filename Sand.doc. The process of saving a file on hard disk involves which three basic events? Which steps are involved in deleting this file? If investigation is needed for Sand.doc, can it be retrieved?	03
Q.2	(a) (b)	Explain Forensic Acquisition Utilities. Write the goals of forensics analysis. OR	07 07
	(b)	Which steps need to be taken to learn about the case?	07
Q.3	(a) (b)	Why it is important to document everything in case of cyber forensic? (i) What is a forensic image of computer? (ii) What is forensic copy of a hard drive?	07 07
Q.3	(a) (b)	OR Explain any one concealment technique. (i) How does computer forensics differ from data recovery? (ii) What type of data is focused in cyber forensic investigation?	07 07
Q.4	(a) (b)	Write about Forensic Implications. How to combine Cyber Forensics and the Investigating Criminal Behaviour. Explain with example. OR	07 07
Q.4	(a) (b)	Write cyber forensic principles. What is computer security incident? It includes which events?	07 07
Q.5	(a) (b)	Write the laws outlined for cyber forensic. What is computer crime? What is invasion of privacy in cyber	07 07

Which common mistakes are made in evidence collection?

Explain incident response methodology.

OR

forensics?

Q.5

(a)

(b)

07

07