Seat No.:	Enrolment No
-----------	--------------

GUJARAT TECHNOLOGICAL UNIVERSITY ME SEMESTER II EXAMINATION – SUMMER 2017

Subject Code: 2725602 Date:26/05/2017

Subject Name: CYBER SECURITY

Time: 02:30 PM to 05:00 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)	Classification of cybercrimes.	0 /
	(b)	Define the Following terms Key logger, Backdoor, Hacking Bluetooth, Password Cracking	07
Q.2	(a)	Explain the following terms: a. E-mail spoofing b. Spamming c. Salami attack d. Forgery e. Logical/Email bombing f. Computer Sabotage g. Pornographic offense	07
	(b)	What kind of cyber security measures an organization should have to take in case of portable storage devices? Prepare security guidelines for organization. OR	07
	(b)	Explain the amendments to the Indian IT Act in ITA 2008?	07
Q.3	(a)	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?	07
	(b)	Which are the phases in computer forensics? Explain each in detail? OR	07
Q.3	(a) (b)	What are the different types of Cyber crime? Explain any two. Explain Mishing and Smishing with examples.	07 07
Q.4	(a)	Explain the key steps to be performed in solving a computer forensics case.	07
	(b)	What are Active Attack and Passive Attack? State the difference between Active and Passive attack. Explain different tools for passive attacks. OR	07
Q.4	(a)	Explain the importance of Data mining technique for helping in Cyber forensics	07
	(b)	Explain in details digital forensics?	07
Q.5	(a)	Give explanation on the Legal Challenges in Computer Forensics and Data Privacy.	07
	(b)	Elucidate the Forensics Auditing with proper example. OR	07
Q.5	(a)	What are the security and privacy threats and their solution for social networking sites? What are the challenges for the forensics for social networking sites?	07
	(b)	What are the weak areas of the ITA 2000? What amendments are introduced in ITA 2008?	07