

Seat No.: _____

Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY
MCA - SEMESTER- V EXAMINATION –SUMMER 2016

Subject Code:2650008

Date:11/05 / 2016

Subject Name: Cyber Security and Forensics (CSF)

Time:10.30 AM TO 01.00 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) How are cyber crimes classified? Explain with example. **07**
(b) Write Definition of cyber crime and explain terms “Hacking” and “Computer sabotage”. **07**
- Q.2** (a) What is cyber stalking? How stalking works? **07**
(b) Write operating guidelines for implementing Mobile device security policy. **07**
- OR**
- (b) Explain various Bluetooth-specific security attacks. **07**
- Q.3** (a) What is SQL injection and what are different countermeasures to prevent this attack? **07**
(b) What is Phishing? Write any five techniques of Phishing. **07**
- OR**
- Q.3** (a) How can keyloggers be used to commit a cyber crime? **07**
(b) What are different types of Identity Theft? **07**
- Q.4** (a) Explain amendments made to the Indian IT Act. **07**
(b) Describe the specific challenges that exist in India with regard to the law and cyber crime scenario in India. **07**
- OR**
- Q.4** (a) Write the impact of IT act amendments on Information Technology Organization. **07**
(b) Explain weak Areas of the ITA 2000. **07**
- Q.5** (a) Explain terms “Computer forensics” and “Jail broken devices”. **07**
(b) Write requirements to set up Computer forensics laboratory. **07**
- OR**
- Q.5** (a) Explain Mobile phone forensics and forensics technique utilized with iphone **07**
(b) Explain terms “Forensics Auditing” and “Anti forensics”. **07**
