

Seat No.: _____

Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY
MCA - SEMESTER– V• EXAMINATION –SUMMER 2017

Subject Code: 2650008

Date:06/06/2017

Subject Name: Cyber Security And Forensics

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) Explain the possible attacks on cell phones with examples. **07**
(b) Explain the various phases and activities involved in the life cycle of a forensics investigation process. **07**
- Q.2** (a) State the salient features of the Indian IT Act. **07**
(b) Explain the different phases during the attack on network. **07**
- OR**
- (b) Explain Proxy Servers, Anonymizers **07**
- Q.3** (a) Explain Salami Attack/Technique, Data Diddling in detail with examples. **07**
(b) Explain the difference between active and passive attacks. **07**
- OR**
- Q.3** (a) Explain Mishing, Vishing, Smishing. **07**
(b) Explain the types and techniques of Credit Card Frauds. **07**
- Q.4** (a) Explain the modus operandi of Phishing **07**
(b) Explain the techniques of ID theft **07**
- OR**
- Q.4** (a) Explain the weak area of Indian Information Technology Act, 2000. **07**
(b) Explain Rootkits, Information Hiding with respect to Computer Forensics and Steganography. **07**
- Q.5** (a) Explain the hardware and software features of cell phones. **07**
(b) Explain cyber stalking with example. **07**
- OR**
- Q.5** (a) Explain mobile phone forensics in detail. **07**
(b) Explain SQL Injection in detail along with methods to prevent SQL Injection attacks. **07**
