

Seat No.: \_\_\_\_\_

Enrolment No. \_\_\_\_\_

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

**Subject Code:650008**

**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 following **07**
1. Identity Theft
  2. Salami Attack
  3. Forgery
  4. Vishing
  5. Cyberstalking
  6. Cyberlaw
  7. Bluetooth Hacking
- (b)** What is Social Engineering? Explain classification of Social Engineering. **07**
- Q.2 (a)** What is Dos attack? How it is performed? Explain classification of Dos Attack. **07**
- (b)** What is cybercrime? Explain any six types of cyber crime. **07**
- OR**
- (b)** Explain different types of attacks possible on Mobile phone **07**
- Q.3 (a)** What is Virus? How virus spreads? List and Explain types of virus. **07**
- (b)** What is Passive Attack? Explain different tools for passive attack. **07**
- OR**
- Q.3 (a)** What are the difference between Trojan and Backdoors? How to protect against Trojan Horse and Backdoor? **07**
- (b)** Explain Botnet with figure. **07**
- Q.4 (a)** What is Phishing? How Phishing works? List and Explain types of phishing. **07**
- (b)** How data mining techniques are applied in cyber forensics? **07**
- OR**
- Q.4 (a)** What are the parameters for Strong, Medium and Weak passwords. How password can be cracked? **07**
- (b)** Write a short note on SQL injection **07**
- Q.5 (a)** Explain Digital Forensics Life Cycle with suitable figure. **07**
- (b)** Discuss OSI Layer Model to computer forensics. **07**
- OR**
- Q.5 (a)** Describe Strength and Weakness of Indian ITA 2000. **07**
- (b)** What are the amendments in Indian ITA 2008 for Cyberlaw. **07**

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