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   **07**
Trojan Horse and Backdoor?
(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   **07**
password can be cracked?
(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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