

GUJARAT TECHNOLOGICAL UNIVERSITY
MCA– SEMESTER –IV EXAMINATION –SUMMER-2019

Subject Code:4649309

Date: 21-05-2019

Subject Name: Cyber Security & Forensic

Time:10.30 am to 1.00 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)** Answer the following questions (Any 7) **07**
1. Cyber Defamation
 2. Bluesnarfing
 3. Salami attack
 4. Hacking
 5. Industrial espionage
 6. Triangulation
 7. Ransomware
 8. Blind SQL injection
- (b)** Explain classifications of cybercrime. **07**
- Q.2 (a)** Explain credit card fraud done through mobile and other wireless devices. **07**
- (b)** What is social engineering? Explain its classification. **07**
- OR**
- (b)** Explain passive attacks and active attacks with respect to cyber criminals planning the attacks. **07**
- Q.3 (a)** Explain Virus and worms, Trojan Horses and Backdoors. **07**
- (b)** Explain Rootkits, Information Hiding with respect to Computer Forensics and Steganography. **07**
- OR**
- Q.3 (a)** What is identity theft? Explain with its types. **07**
- (b)** Explain Proxy Servers, Anonymizers. **07**
- Q.4 (a)** Explain the need for cyber laws in India. **07**
- (b)** Discuss proliferation of mobile and wireless devices. **07**
- OR**
- Q.4 (a)** Explain Botnets –A fuel for cybercrime. **07**
- (b)** Explain SQL Injection in detail along with methods to prevent SQL Injection attacks. **07**
- Q.5 (a)** Explain Forensics auditing and ant forensics. **07**
- (b)** Explain forensics with respect to social networking sites. **07**
- OR**
- Q.5 (a)** Explain the hardware and software features of cell phones. **07**
- (b)** What are the challenges to Indian Law and cybercrime scenario in India? **07**
