

GUJARAT TECHNOLOGICAL UNIVERSITY**MCA Integrated- SEMESTER– VII EXAMINATION – WINTER 2019****Subject Code: 4470621****Date: 20/11/2019****Subject Name: Information Security****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)** Define following:- **07**
- (a) Social Engineering
- (b) Hactivism
- (c) Authorization
- (d) Difference between hackers and crackers
- (e) Script Kiddies
- (f) Masquerade
- (g) vulnerabilities
- (b)** What do you mean by Hackers? Explain Methodology of Hackers. **07**
- Q.2 (a)** Explain Bell-La Padula Confidentiality Model in detail. **07**
- (b)** What is Information Security? Explain Security Goals in detail. **07**
- OR**
- (b)** Write a short note on: Attacks and Vulnerabilities. **07**
- Q.3 (a)** Explain Security Threats in details. **07**
- (b)** Explain SQL Injection in detail. **07**
- OR**
- Q.3 (a)** Explain Military Security Policy. Explain Chinese Wall Security Policy. **07**
- (b)** Write a short note on: Database Security. **07**
- Q.4 (a)** Explain Characteristics of a Good Security Policy. **07**
- (b)** (i) Explain Man-in-the-Middle Attack. **04**
- (ii) Explain Session Hijacking with example. **03**
- OR**
- Q.4 (a)** Explain Seven issues of Security Planning. **07**
- (b)** Explain: Session Hijacking and Packet Sniffing. **07**
- Q.5 (a)** Explain Web site defacement. **07**
- (b)** (i) Explain Trusted System **04**
- (ii) Difference between active v/s passive attacks **03**
- OR**
- Q.5 (a)** Compare Copyright, Patent and Trade Secret Protection. **07**
- (b)** Explain Content of Security Plan. **07**
