

GUJARAT TECHNOLOGICAL UNIVERSITY**MCA - SEMESTER-V • EXAMINATION – WINTER • 2014****Subject Code: 2650008****Date: 05-12-2014****Subject Name: Cyber Security and Forensics****Time: 10:30 am - 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) Write short note on botnet. **07**
(b) Discuss your views on co-relation of cybercrime and information security. **07**
- Q.2** (a) Define phishing. Explain spam emails and hoax emails. **07**
(b) Explain registry settings for mobile devices. **07**
- OR**
- (b) Discuss threats through lost and stolen devices. **07**
- Q.3** (a) Discuss classification of cybercrime. **07**
(b) Explain vishing. **07**
- OR**
- Q.3** (a) Explain social engineering. **07**
(b) Discuss your views on Strong, Weak and Random passwords. **07**
- Q.4** (a) Discuss the need of cyber laws with reference to Indian context. **07**
(b) Discuss forensics analysis of E-Mail. **07**
- OR**
- Q.4** (a) Discuss DoS attack and its classification. **07**
(b) Write short note on Forensics Auditing. **07**
- Q.5** (a) Discuss cyber café related matters addressed in the amendment to the Indian IT act. **07**
(b) Discuss any three toolkits for Hand held device forensics. **07**
- OR**
- Q.5** (a) Discuss relevance of the OSI Layer model to computer forensics. **07**
(b) Write short note on SQL Injection. **07**
