

Seat No.: _____

Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY
MCA - SEMESTER– V• EXAMINATION – WINTER 2015

Subject Code: 2650008

Date: 08/12/2015

Subject Name: Cyber Security and Forensics

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) Explain steganography. Compare it with cryptography and digital watermarking. **07**
- (b) Explain cyber stalking. **07**
- Q.2** (a) Discuss proliferation of mobile and wireless devices. **07**
- (b) Discuss weak areas of ITA 2000. **07**
- OR**
- (b) Explain classifications of cybercrime. **07**
- Q.3** (a) Discuss challenges in forensics of the digital images and still camera. **07**
- (b) Discuss organizational measures for handling mobile device related security issues. **07**
- OR**
- Q.3** (a) Write short note on key loggers. **07**
- (b) Explain cybercrime and punishment. **07**
- Q.4** (a) Explain mobile phone forensics. **07**
- (b) Discuss different types of phishing scams. **07**
- OR**
- Q.4** (a) Write short note on digital forensics science. **07**
- (b) Discuss attack vector. **07**
- Q.5** (a) Discuss challenges in computer forensics. **07**
- (b) Write short note on proxy servers and anonymizers. **07**
- OR**
- Q.5** (a) Discuss forensics analysis of E-mail. **07**
- (b) Discuss different types of Identity theft. **07**
