

GUJARAT TECHNOLOGICAL UNIVERSITY
MCA - SEMESTER-IV EXAMINATION – WINTER 2018

Subject Code: 3640011**Date: 29/11/2018****Subject Name: Cyber Security & Forensics****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) What is Cybercrime? Explain different types of Cybercriminals. **07**
(b) Discuss different types of Cybercrimes in detail. **07**
- Q.2** (a) Write short notes on ‘Cyberstalking’. **07**
(b) Define types of services in Cloud Computing. Also discuss possible attacks in Cloud Computing. **07**
- OR**
- (b) Discuss Types and Techniques of Credit Card Frauds in detail. **07**
- Q.3** (a) Differentiate Vishing and Smishing in detail. **07**
(b) Explain the Proxy Servers and Anonymizers in brief. **07**
- OR**
- Q.3** (a) What is Phishing? Explain different phishing methods in detail. **07**
(b) Discuss various methods for ID Theft in detail. **07**
- Q.4** (a) Explain few important sections of Indian IT Act in brief. **07**
(b) How to do digital analysis of Email? Explain. **07**
- OR**
- Q.4** (a) Discuss some punishment provisions of Indian IT Act in detail. **07**
(b) Explain all the phases of Digital Forensics in detail. **07**
- Q.5** (a) Discuss the relevance of the seven layered OSI models with Computer Forensics. **07**
(b) How to do digital forensics of hand held devices? Discuss in detail. **07**
- OR**
- Q.5** (a) Discuss the toolkits for Hand Held Device forensics. **07**
(b) Give the organizational guidelines on Cell Phone Forensics in detail. **07**
