

Seat No.: _____

Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY

MCA - SEMESTER-V • EXAMINATION – WINTER 2013

Subject Code: 650008

Date: 29-11-2013

Subject Name: Cyber Security and Forensics

Time: 02.30 pm - 05.00 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 Social Engineering **07**
(b) Define the Following terms **07**
Key logger , Backdoor, Hacking Bluetooth ,Password Cracking

- Q.2** (a) Explain Botnet with Diagram. **07**
(b) Give the Full Form **07**
LDAP, RAS, GPS, IMEI, DoS, DNS, ICMP

OR

- (b) Explain the terms **07**
Reconnaissance, Dumpster Diving, Salami Attack, Smishing.

- Q.3** (a) Explain Authentication Service Security. **07**
(b) 1) What are the different types of Cyber crime? Explain any two. **04**
2) Explain Mishling and Smishing **03**

OR

- Q.3** (a) 1) Explain Classification of Cyber Crimes. **04**
2) Write a Short note on Vishing. **03**
(b) Explain SQL Injection? **07**

- Q.4** (a) Explain Buffer overflow. **07**
(b) Explain the importance of Data mining technique for helping in Cyber forensics **07**

OR

- Q.4** (a) Explain the amendments to the Indian IT Act in ITA 2008? **07**
Q.4 (b) Explain Phishing and how it works? **07**

- Q.5** (a) Which are the phases in computer forensics? Explain each in detail? **07**
(b) 1) Explain chain of custody **04**
2) What are Rootkits? **03**

OR

- Q.5** (a) Describe the key organizational guidelines on cell phone Forensics **07**
(b) 1) Which are the guidelines for the collecting digital evidence? **04**
2) Explain the concept of "Trust Seal"? **03**
