

Roll No.

23544

**M.Tech. 1st Sem. (Cyber Forensics and
Information Security)**

Examination – December, 2013

CYBER FORENSICS

Paper : MTCF - 104

Time : Three hours]

[Maximum Marks : 100

Before answering the questions, candidates should ensure that they have been supplied the correct and complete question paper. No complaint in this regard, will be entertained after examination.

Note : Question No. 1 is compulsory and attempts four more questions selecting one question from each section. All questions carry equal marks.

1. Write the short notes on the followings :

- (a) Analyzing malicious software
- (b) Vulnerabilities
- (c) Instant message
- (d) Controlling contamination
- (e) Different web attacks

23544-104-(P-3)(Q-9) (13)

P. T. O.

SECTION – A

2. What is corporate cyber forensics ? Explain different scientific methods in forensic analysis.
3. How biometric system is used in cyber forensic ? Also explain multimodal biometric system.

SECTION – B

4. What is public key infrastructure system describe its usages and applications in detail.
5. Write down different methods for wireless network security system. Also explain management security system.

SECTION – C

6. (a) Different rules for collecting the evidence.
(b) Chain of custody and reconstructing the attacks.
7. Explain digital crime scene in detail with examples

SECTION – D

8. (a) Explain forensic identification and analysis of technical surveillance devices in detail.
(b) Explain different methods for forensic analysis of routers.

23544-100-(P-3)(Q-9) (13) (2)

9. Write the short notes on the followings :

- (a) Investigating logs
 - (b) Different cyber forensic tools
 - (c) Digital detective
 - (d) Useable and unusable file formats
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