

MTCF - 202**M.E./M.Tech., II Semester**

Examination, December 2015

Computer Forensics Analysis and Investigations*Time : Three Hours**Maximum Marks : 70***Note :** i) Attempt any five questions.

ii) All question carry equal marks.

1. a) Discuss the methods used by criminals to hide or disguise certain files. For each method identify the counter measures that can be taken by a computer forensic scientist. 7
- b) What do you understand by Marking Bad cluster Explain it. 7
2. a) What is data carving? Discuss with suitable example how it is useful in computer forensics. 7
- b) Explain in details remote acquisitions with runtime software. 7
3. Briefly discuss following email forensic tools: 14
 - a) Email Tracker Pro
 - b) Email Tracker
 - c) Adcomplain
 - d) Abusepipe
4. a) Explain the role of client server in emails. 7
- b) Explain in brief copyright issues with graphics. 7

5. a) What do you understand by network forensics? Discuss how different logs are useful in network forensics. 7
- b) Explain in brief E-mail crime and violations. 7
6. What is remote acquisition? How it is performed with runtime software? Also discuss acquisition procedure for cell phone and mobile devices. 14
7. a) Explain the Graphic File Format and describe Lossless and Lossy compression. 7
- b) Write a brief notes on developing a standards procedures for network forensics. 7
8. Write short notes on the following :(any four) 14
 - a) Recovering Password
 - b) Steganography in graphic files
 - c) Mobile forensic equipments
 - d) Unix E-mail server logs
 - e) Packet Sniffers
