

(3 Hours)

[Total Marks: 80]

- N.B. (1) Question No. 1 is compulsory.**  
**(2) Attempt any three from the remaining five questions.**  
**(3) Answers to questions should be grouped and written together.**

- Q.1 (a) Define Forensic Duplication. Why is forensic duplication required? [10]  
(b) Define cloud forensic. Explain usage of cloud forensic. [10]
- Q.2 (a) Explain different data extraction technique on an Android device. [10]  
(b) Who all are involved in data collection techniques elaborate in detail. [10]
- Q.3 (a) Explain any four types of Intrusion Detection System used in network forensic. [10]  
(b) Explain Computer Forensic Field Triage Process model (CFFTPM) of Digital Forensic Investigation. [10]
- Q.4 (a) Describe Cyber Crime. Explain Email Spoofing and Cyber Stalking in detail. [10]  
(b) What is Steganography? Elucidate Text Steganography in details. [10]
- Q.5 (a) What do you mean by Email forensic? Explain steps in the Email Communication. [10]  
(b) What is Data Collection? Who all are involved in data collection techniques? [10]
- Q.6 Write a short notes on any four : [20]  
(a) Role of Computers in crime  
(b) E-mail spamming  
(c) Password cracking Techniques  
(d) Mobile Hacking  
(e) Window system investigation