

Duration: 3 Hours

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) What is Cybercrime? Explain different types of Cybercrime [10]
 (b) How a hacker can use different various methods for cracking password [10]
- Q.2 (a) What is Steganography? Explain different types of Steganography [10]
 (b) Explain role and responsibilities of people involved in data collection techniques [10]
- Q.3 (a) Explain data extraction techniques in Android forensic [10]
 (b) What is intrusion detection system (IDS)? Explain different types of intrusion detection system [10]
- Q.4 (a) Explain three dimensions of cloud forensic [10]
 (b) What do you mean by forensic duplication? Explain necessity of forensic duplication and also explain the rules of forensic duplication [10]
- Q.5 (a) What is mobile forensic? Explain different data can be used as evidence in mobile forensic [10]
 (b) What is cloud forensic? Explain challenges of cloud forensic [10]
- Q.6 Write a short notes on any four [20]
 (a) Types of digital evidence
 (b) Securing Email Account
 (c) Mirror Image and Restored Image
 (d) Recovering deleted files on windows system
 (e) IDIP (Integrated Digital Investigation Process) Model