

(3 Hours)

Total Marks: 80

N.B.: (1) Question No.1 is compulsory.

(2) Attempt any three questions from the remaining five questions.

(3) Make suitable assumptions wherever necessary but justify your assumptions.

1.
  - (a) Explain Mobile forensic. What are various challenges in mobile forensics 05
  - (b) Explain Forensic Duplicates as Admissible Evidence. 05
  - (c) What is evidence handling procedure? 05
  - (d) What are Challenges in network forensics ? 05
2.
  - (a) Explain Incident Response Process and its methodology. 10
  - (b) Compare active attacks vs Passive attacks. Classify the cybercrimes and explain any one briefly. 10
3.
  - (a) Discuss basic security precautions to be taken to safeguard Laptops and wireless devices and What are the devices related to security issues? 10
  - (b) Explain Volatile Data Collection from Windows system 10
4.
  - (a) What do you understand by social engineering? Give classification 10
  - (b) Briefly explain Types of digital Evidence with examples. 10
5.
  - (a) Explain process for collecting Network Based Evidence. 10
  - (b) Explain various guidelines for digital forensic report writing along with its goals. 10
6. Write a short note on (Any Two) 20
  - (1) Tools used in network forensics
  - (2) Roles of CSIRT in handling incident
  - (3) Email Tracing- Internet Fraud

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