

(3 Hours)

[Total Marks: 80]

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

**(2) Attempt any THREE Questions between Question No.2 to 6**

**Q1. Answer ANY FOUR out of FIVE questions. [20]**

- a) Indian ITA- 2000
- b) Botnets
- c) Steganography
- d) Forensics Auditing
- e) Types of evidence

**Q2.**

- a) Explain in detail the classification of cybercrime. [10]
- b) What is social engineering? Explain human based and computer based social engineering. [10]

**Q3.**

- a) Differentiate between DOS & DDOS and explain what measure can be taken to avoid denial of service attack. [10]
- b) Explain the relevance of the OSI 7 Layer Model to Computer Forensics. [10]

**Q4.**

- a) Explain digital evidence and give general procedure for collecting evidence. [10]
- b) Explain the Android data extraction techniques [10]

**Q5.**

- a) Discuss the issues related to security & privacy threats in digital forensics. [10]
- b) Explain the Intrusion Detection system with its advantages and disadvantages. [10]

**Q6.**

- a) Explain the different phases in digital forensic lifecycle. [10]
- b) Define data recovery and discuss the solutions that can be applied for data recovery. [10]

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