

Time: 3 Hours

Total Marks: 80

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

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

Q1. Answer ANY FOUR out of FIVE questions.

(20)

- a) Indian ITA- 2000
- b) Cyber cafe and Cybercrimes
- c) Steganography
- d) Need of digital Forensics
- e) E-Mail Recovery

Q2.

- A) What is cybercrime? Explain the following: E-Mail Spoofing, Internet Time Theft, Industrial Espionage, Online Frauds, Cyber defamation. **(10)**
- B) What is an SQL injection and what are the different counter measures to prevent the attack? **(10)**

Q3.

- A) What are viruses, worms and Trojans? How do they propagate? **(10)**
- B) What is digital forensics? Discuss the challenges faced in computer forensics. **(10)**

Q4.

- A) What are the main differences between DOS and DDoS? **(10)**
- B) What are the various methods of collecting the digital evidence? Enlist the various digital evidence collection steps. **(10)**

Q5.

- A) What is Android Forensics? Explain Android Data Extraction Techniques. **(10)**
- B) Explain the relevance of the OSI 7 Layer Model to Computer Forensics. **(10)**

Q6.

- A) What is the significance of data recovery and backup? Explain various data recovery solutions. **(10)**
- B) List the different cyber forensic tools and give the criteria for tool selection. **(10)**
