

- N.B. : (1) Question No 1 is Compulsory.
 (2) Attempt any three questions out of the remaining five.
 (3) All questions carry equal marks.
 (4) Assume suitable data, if required and state it clearly.

1. Attempt any **four** **[20]**
 - a. Explain the category "cybercrimes against persons"
 - b. Define the term Digital Forensic and types of digital forensics.
 - c. Discuss Challenges in evidence handling
 - d. Discuss the tools used for Live/volatile data collection from Windows
 - e. Discuss Social Engineering with example.

2.
 - a. Explain Incident Response Methodology with a neat diagram. **10**
 - b. Differentiate between Computer virus, worm , Trojan horse and Trapdoor **10**

3.
 - a. Discuss various Cyber Crime types in detail. **10**
 - b. Explain Hacking and different types of Hackers in detail. **10**

4.
 - a. What is an Intrusion Detection System (IDS)? Differentiate between Network based IDS and Host based IDS. **10**
 - b. Explain Forensic Duplicate, Qualified Forensic Duplicate, Restored Image, Mirror Image **10**

5.
 - a. Discuss the Necessity of forensic duplication and explain the use of dd, dcfldd, foremost, scalpel commands **10**
 - b. Explain the steps in details required to investigate Unix systems. **10**

6.
 - a. Explain various types of Law and different Levels of Law in detail? **10**
 - b. Write a short note on **10**
 - i. Disk imaging
 - ii. CAN Spam
