Assignment -1

Q1) Explain end-to-end forensic investigation.

Q2) Write the steps involved in drafting an affidavit for a search warrant.

Q3) What is "chain of custody"? Explain its relevance with an example of the same.

Q4) Give the basic guidelines to document a case.

Q5) Explain why video capture devices are useful computer forensic tools?

Assignment -2

Q1) Describe in detail the tasks associated with forensic investigation?

Q2) Explain the significance of log files and their use as evidence in forensic investigation?

Q3) Describe the various methods for password cracking to defeat data hiding.

Q4) What is the methodology to recover data from a windows and a unix based system. Explain with examples.

Q5) What does a word extraction tool do? Why might it be useful for a forensic investigation?

Assignment -3

Q1) Explain in detail various types of Web Attacks.

Q2) What are the strategies to secure Web applications?

Q3) List the challenges that an investigator could face investigating a DoS attack.

Q4) Describe the different types of DNS queries a user can make.

Q5) What is embedded JavaScript, and how do attackers use it?

Assignment -4

Q1) Describe the steps involved in forging e-mail headers.

Q2) List six examples of e-mail crimes and the steps involved in investigating e-mail crimes.

Q3) Give the methodology for preserving volatile data on a Windows system during a Malware incident.

Q4) Give a detailed description of any two binary code analysis for detecting malicious codes.