

- Q-3** **a.** Explain various measures for protection of laptops through physical measures and logical access control measures. **(07)**
b. How key logger be used to commit a cybercrime? Explain with example. **(07)**

SECTION – II

- Q-4** **Attempt the Following questions** **(07)**
a. What do you mean by overbilling attacks?
b. Define mosquito trojan.
c. What is a hoax mail?
d. What is smishing?
e. Explain spear phishing.
f. Define malware.
g. Differentiate between virus and worm.

- Q-5** **Attempt all questions** **(14)**
a. What is SQL injection? Explain Steps for SQL injection attack. What are different countermeasures to prevent it? **(07)**
b. What are DoS and DDoS attacks? Explain and differentiate DoS and DDoS. **(07)**

OR

- Q-5** **a.** How can an attacker compromise a network? What are the different phases during the attack on the network? **(07)**
b. What are the different types of ID Theft? Explain different techniques and prevention of ID Theft. **(07)**

- Q-6** **Attempt all questions** **(14)**
a. What are the various phases and activities involved in the life cycle of digital forensics? Explain. **(07)**
b. Explain importance of “chain of custody concept”. How does it apply in digital forensics? **(07)**

OR

- Q-6** **Attempt all Questions**
a. What do you understand by the salient features of the Indian IT Act? Under the Indian IT Act, is there a legal protection available for personal data? Explain. **(07)**
b. Provide an overview of how “Data Mining” technique can be applied in cyber forensics. **(07)**

