

Time: 3 Hours

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

(2) Attempt any three from remaining five questions.

(3) All questions carry equal marks.

1. (a) What do you understand by cyberfraud? [5]  
(b) Give classification of cybercrime. [5]  
(c) What do you understand by ID theft? How to prevent it? [5]  
(d) What is antifoensics? [5]
2. (a) Explain in detail how cyber criminals plan the attacks. [10]  
(b) Give classification of social engineering. [10]
3. (a) Explain the concept of Botnet and attack vector. [10]  
(b) What are the security challenges posed by mobile devices? [10]
4. (a) Explain in detail mitigation techniques for DOS and DDOS attack. [10]  
(b) Explain in detail SQL injection attack and its prevention. [10]
5. (a) Discuss the Indian IT Act-2000 (ITA-2000) in detail [10]  
(b) Discuss the impact of cyber attacks on cloud computing. [10]
6. (a) Give the steps involved in setting up a computer forensics laboratory. [10]  
(b) Write a note on Information Security Standard: SOX, GLBA. [10]