

M.E. (CMPN) CBGS Sem II
Cyber Security

19/5/15

QP Code : 2661

(3 Hours)

Total Marks: 80

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

(2) Attempt any three out of the remaining five questions.

1. (a) Give the formal definition of cybercrime. Give some examples of cybercrime that occur in daily life. (5M)
- (b) What do you understand by ID Theft? How can it be misused? (5M)
- (c) What are the key provisions in Indian IT Act 2000? (5M)
- (d) Explain the concept of Botnets. (5M)
2. (a) What do you mean by cyber stalker ? Discuss types of stalker and their mitigation technique. (10M)
- (b) What is buffer overflow problem ? How NOPS are used to cause buffer overflow problem ? (10M)
3. (a) Explain in detail how cybercriminals plan attack. (10M)
- (b) Explain in detail the concept of Attack Vector to launch various attacks (10M)
4. (a) What are the various cybercrime risks associated with cloud computing (10M)
- (b) What is meant by Social Engineering. Explain in detail. (10M)
5. (a) Explain in detail the attacks on mobile/cell phones and ways to counter them. (10M)
- (b) What is meant by Phishing attack. What are the countermeasures? (10M)
6. (a) Explain the Digital Forensics life cycle. (10M)
- (b) What is SQL Injection Attack and how can it be prevented? (10M)

BB-Con. : 9522-15.