QP Code : BB-11923

(3 Hours)

Total Marks: 80

N.B.: (1) Question No. 1 is compulsory
       (2) Attempt any three questions from remaining five questions
       (3) Assume suitable data if required

1. (a) Explain the classifications of cybercrime.   10
    (b) Explain how criminals plan the attacks with relevant examples.   10

2. (a) Explain various security challenges posed by mobile devices and their
        counter measures.   10
    (b) Explain in details SQL injection attack and its prevention.   10

3. (a) Discuss in details mitigation techniques for DOS and DDOS attacks.   10
    (b) Explain social engineering and its classification.   10

4. (a) Explain computer forensics and digital forensics lifecycle.   10
    (b) Explain various key challenges to organizations w.r.t Cyber security.   10

5. Write notes on :   20
        a. Amendments to Indian IT Act
        b. Relevance of OSI layers to computer forensics
        c. Importance of End point security in organizations
        d. Keylogger

6. (a) Discuss various attacks possible on wireless networks. Explain securing the
        wireless networks.   10
    (b) Explain various types of phishing attacks and its countermeasures.   10

Con. 11318-14.