Duration: 2 hours   Marks: 80

Instructions:
1.All questions are compulsory.   2. Draw diagrams wherever necessary.

Q.1 Write short notes on **any four** of the following :   (4x4=16)
    A. Cyberstalking.
    B. Social Engineering.
    C. IPR.
    D. Privacy law.
    E. Access attack.

Q.2 Answer **any four** of the following :   (4x4=16)
    A. What are the functions performed by CERT?
    B. What are the advantages of optic fibres?
    C. Give the full forms of the following:
       i.BYOD   ii.MDM   iii.NIST   iv.UDP
    D. What are the safety measures on social networking sites?
    E. Explain Section 43A of IT Act 2000.

Q.3 A. What are the preventive measures for cyber crimes?   (6)
    B. Explain Insider threat with a case study.   (6)
             OR
Q.3 X. What are the ethics and safe practices in computing?   (6)
    Y. Explain the forensic procedure.   (6)

Q.4 A. State and explain any two types of Malware. How do you prevent against
      Malware?   (6)
    B. Explain the BYOD threat.   (6)
             OR
Q.4 X. How will you protect yourself and your data on social networking sites?   (6)
    Y. Explain how cyber terrorism can be a major threat to nations.   (6)

Q.5 A. Convert the following IP addresses into Binary form and identify their class,
      network address and host address.
      i.140.84.55.23
      ii.201.66.22.12   (6)
    B. Explain the different users of computer forensics.   (6)
             OR
Q.5 X. Convert the following IP addresses into Decimal form and identify their class,
      network address and host address.
      i.10011101.01011001.10100011.10101001
      ii.11001111.11110011.10001011.01101001   (6)
    Y. Explain DDoS attack with a case study.   (6)

Q.6 A. What are the three categories of cyber crimes?   (6)
    B. What do you mean by cloning of devices?   (6)
             OR
Q.6 X. State and describe any 6 cyber crimes against property.   (6)
    Y. Explain the section 66 and section 67 of the IT Act 2000.   (6)

*******ALL THE BEST********