(3 Hours)   **(Total Marks : 80)**

N.B: 1) **Q.1** is **compulsory.**
           2) Attempt **any THREE** questions from the remaining questions.
           3) Assume suitable **data** if **necessary**.

Q.1 Attempt **any four** :

   a) Compare active attacks vs Passive attacks.   [5]

   b) Explain various types of key-loggers in brief.   [5]

   c) Classify the cybercrimes and explain any one briefly.   [5]

   d) Explain how the appeals can be made under The IT ACT 2000.   [5]

   e) Write brief note on : Cyber-terrorism.   [5]

Q.2 a) How criminals plan the attack? Discuss various steps involved   [10]

   b) Explain how Intellectual property laws protect the rights of the owner of the

      intellectual Property.   [10]

Q.3 a) Compare Vishing, Phishing and Smishing in cyber security.   [10]

   b) What is E-commerce? Explain different types of e-commerce with

      suitable examples.   [10]

Q.4 a) What is Bluetooth hacking? Explain Bluetooth hacking tools in brief.   [10]

   b) How the Indian penal code IPC 1860 addresses cybercrime?   [10]

Q.5 a) Discuss basic security precautions to be taken to safeguard Laptops and

      wireless devices.   [10]

   b) What is E-contract? Discuss E-contract Act 1872.   [10]

Q.6 Write short note on (**Any 2**) :   [20]

   1)   Computer Sabotage.

   2)   Indian Information Technology Act 2000

   3)   Write key IT requirements for SOX and HIPAA.

_____