Duration : 2 Hours   **Max. Marks : 60**

Instructions :
1. Figures to the right indicate maximum marks
2. Start each new question on a fresh page

Q1. Write a short note on (any three)   **(3x4 =12 MKS)**
   a. Network hardware
   b. Electronic Retail
   c. Key loggers
   d. Cyber defamation
   e. Privacy policy and its importance
   f. CERT-IN and its role

Q2. Answer the following questions (any two)   **(2x6=12 MKS)**
   a. What is a computer network? Write a note on network topology
   b. Explain the functions of the following network devices:
      (i) Repeaters (ii) Hubs (iii) Switches
   c. Explain the features of Local area Networks (LAN) and Metropolitan area Network (MAN)

Q3. Answer the following questions (any two)   **(2x6=12 MKS)**
   a. What is an electronic payment system? Explain how the digital wallet payment system works with an example
   b. Explain the following models of E-Commerce: Business to Business (B2B) and Business to Consumer (B2C).
   c. What is Mobile Commerce? Explain the various M-Commerce services provided to consumers.

Q4. Answer the following questions (any two)   **(2x6=12 MKS)**
   a. What is meant by Intellectual Property (IP)? Explain the two main categories of IP rights. Briefly explain Intellectual property rights (IPR) related crimes.
   b. What is Pharming? Explain the commonly used method for Pharming.
   c. Explain the following types of Cyber Crimes:
      (i) Data diddling   (ii) Logic bombs   (iii) Web jacking

Q5. Answer the following questions (any two)   **(2x6=12 MKS)**
   a. What is meant by 'social media'? How can you protect yourself on social networking sites?
   b. What is a bailable offence? List any 6 bailable offences punishable under the IT Act.
   c. Define the term 'Computer Forensics'. Explain the steps involved in the Collection phase of the Forensic procedure.