Candidates are required to give their answers in their own words as far as practicable. The figure in the margin indicates full marks.

Attempt __all__ questions   **[6 x 10 = 60]**

1. Illustrate the concept of public and private key cryptography. **[10]**
2. Explain the Different Elements in Computer Security.What are the Challenges to protect information in any organization? **[10]**
3. Explain the Security mechanisms. Explain OSI Security Architecture. **[10]**

OR

   Explain the Types of Cryptosystems.
4. What is Biometric Authentication? What is Substitution Techniques? Explain about Transposition Ciphers. **[10]**
5. Define Malicious Logic. Define Authentication System and explain its different forms. **[10]**

OR

   Explain the active and passive a hack.
6. Define Encryption and Decryption. Explain Digital Signature and Digital Signature Standard (DSS). **[10]**

THE END