Roll No. ☐☐☐☐☐☐☐☐☐☐☐☐☐   Total No. of Pages : 02

Total No. of Questions : 07

BCA (2015 & Onwards)   (Sem.–6)

INFORMATION SECURITY

Subject Code : BSBC-604

M.Code : 75014

Time : 3 Hrs.   Max. Marks : 60

INSTRUCTIONS TO CANDIDATES :

1. **SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.**
2. **SECTION-B contains SIX questions carrying TEN marks each and students have to attempt any FOUR questions.**

SECTION-A

1. **Answer briefly :**

   a. Give the classification of Information.

   b. What is meant by business ethics?

   c. Briefly explain Email Security.

   d. Define Intruders.

   e. What is SSL in security?

   f. Write a short note on SSE-CMM?

   g. Explain role of IPR.

   h. What is Security Assurance?

   i. Define Steganography.

   j. What is purpose of Digital Signatures?

SECTION-B

2. Discuss different steps involved in Security System Development Life cycle.

3. With the suitable example illustrate the effect of Virus and their types on the computer System.

4. Give the overview of Firewalls. What is its design principle and its types?

5. Why there is need for Security Management and Laws for secure business practices? Discuss Intrusion detection system.

6. Explain the principle of Public Key Cryptosystem. Write the fundamentals of RSA Algorithm.

7. Write the steps and measures to secure the information during e- transaction.

NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.