Roll No. ....

Total Pages : 2

BT-6/M-13   **8603**

NETWORK MANAGEMENT AND SECURITY
Paper : CSE-306

Time : Three Hours]   [Maximum Marks : 100

Note : Attempt *five* questions, selecting at least *one* question from each unit. All questions carry equal marks.

UNIT–I

1. Define the following terms :

   (i) Cryptography.

   (ii) Plaintext and Ciphertext.

   (iii) Cryptanalysis.

   (iv) Secret key.

   (v) Public key.

   (vi) Caesar Cipher.

   (vii) Monoalphabetic Cipher.

   (viii) Brute Force Attack.

   (ix) One Time Pad.

   (x) Polyalphabetic Cipher.

   (xi) Block Cipher.

2. Explain Digital Signatures in detail.

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UNIT–II

3. Explain different models of Access control.

4. Explain Java access control policy and its specification in detail with examples.

UNIT–III

5. Explain the working of different types of viruses and anti-viruses with examples.

6. Explain IPSec and VPN in detail.

UNIT–IV

7. Explain different Protocol vulnerabilities with examples.

8. Explain Intrusion Detection Systems in detail.

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8603/7,000/KD/1260   2