

Roll No.

Total No. of Pages : 1

BT6/M11

8603

Network Management and Security

Paper—CSE-306, Option—II

Time : Three Hours]

[Maximum Marks : 100

Note :—(1) There are **EIGHT** questions in this paper. All questions carry equal marks.

(2) Attempt **FIVE** questions, selecting at least **ONE** question from each unit.

UNIT—I

1. Explain the need and basic goals for Computer Security. Also explain Latest Security threats. 20
2. Explain Public and Private key cryptography with examples. 20

UNIT—II

3. Explain Operating System Security in detail. 20
4. Explain Linux Security model and Implementation in detail. 20

UNIT—III

5. Explain Computer Viruses, worms and Trojan horses. Explain different protection mechanism against them. 20
6. Explain Key exchange protocols in detail. 20

UNIT—IV

7. Explain Denial of Service attack with example. 20
8. Explain different types of Firewall in detail. 20