

Roll No.

Total Pages : 2

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BT-7/D09

SECURITY AND CRYPTOGRAPHY

Paper : CSE-473

Time : Three Hours]

[Maximum Marks : 75

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

UNIT-I

1. What is Gryptoanalysis ? Discuss it and also explain differential and linear Gryptoanalysis.
2. Explain the following :
 - (a) RSA.
 - (b) Transposition ciphers.

UNIT-II

3. Name the various types of Signatures and also discuss Secret key and Public key signatures.
4. Give the names of various Protocols and explain *n* schroeder and KDC protocols in detail.

UNIT-III

5. State the importance of Computer security and also explain the password technology and administration in detail.
6. Discuss the various types of Viruses, their importance of studies, life-cycle and their prevention.

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UNIT-IV

7. State the various security functions of Network. How the losses and damages are prevented in network security ? Discuss it.
 8. What is LAN ? Explain it and also discuss the various levels of Access control and Authorization in enterprise network.
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