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unit-I:-
Computer Security concepts.
8. The OBI Security Architecture
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4. Security Services & Security mechanisms.
4. Security Services & Security mechanisms.  5. A model for NW security.
a de la la sechniques - 1. Symmetric Cipher model.
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3. Transposition copners
4. Steganography.
(3) Modern Black Ciphers: 1. Block ciphers priciples. 2. Data encryption standard (DES)
2. Data encryption standard (DES)
3 Strength Of DES
1. linear l'differential cryptaralysis
5. Block eigher models of operations,
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7. RC4
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2. Modular Aprilhinative
3. Matrices
4-Linear congruence
5. Algebrase Ameticas

6.-GF(2n) Fields 7. Primes 8. Primality Testing 9. Factorization 10. Chinese remadeder Theorem 11. Ovadrate Congruence 12. Exponentation et logarithm @ Public- key crotography - 1. Principles of public-key. cultipoduatora. 2. R.S.A. Algorithm 3. Office Hellman key Exchange p. Gl. Gamal cryptopraphic system 5. Elliptic Curie Drithematic 6. Elliptic Curve cryptography. @ Cryptographic Hash Forthous: 1. Apr's of cryptographic Hash funt 2. Requirements & Security 3. Hash Functions based on Cipher Block Chairing. 6, Secure Hash Algorithm (SHA). @ Message - Authentication Coder: 1. Message authentication required s. Message arthestication furtions. 3. Requirements for Message authentication codes 1. Security of MACO, HMACO bested on Block clipher

6. Authenticated Encryption Digital Signotures -
RSA with SHA & DSS.
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O 10 Mars at I distribution: 1. Symmetric key distribution
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2. Symmetric key distribution using Asymmetric.
3. Destribution of public keys
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5. Poblic key Infrastructure.
(3) User Authentication: 1. Remote user Authentication principes.
2. Ramote user Authentication using Symettic Enouption
3. Kenberos.
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5. Federated Zoleutity Management.
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7. Pretty Good Privacy (PGP). 8. 3/MINE.
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3.38L Message Formats.
4. Franspert layer Security

9. Firewalls V