	Paga No. Data:
	Courtocrash. The next as used as science of
la al	Coyptography: The out as well as science of secret writing of information (nussages and
	makes it non-readable Csame-Kazi)
	Types of Cryptography -> Symmetric Coppingny
	-) Asymmetric Crypton
Ī	Asymmetrice Conjoing
*	Stream Cipher * Block Cipher.
	>Mgodlin applied to each -> Algorithm applied to
•	birray digit in data stream block of data.
	Substitation eigher Tech.
	-> Cacsas Ciphes
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	-> Polyalphobetic Ciphes
281	-> Planfair Ciplia
	-> One Time Pad
	-> 4/11/ Ciphed.
*	Block Cipher modes
	> Electronic Codebook (ECB)
	-> Cipher Block Chaining (CBC mode)
	-> Output Redback (8FB)
	-> Courtee CLTR).
*	Rata Encryption Standard (Otto)
	64 bit plaintet input -> encrups 64 bit six block
<u></u> *	Double DES -> 2 Keys + Typle DES -> 3 Keys.
	AFS (Advance Extension Standard)
	Prous Key is required and data \$130 122, 192,
	256 Wife. Stens (1) SubBytes (2) Shiff Rows (3) MixColu
	(U) Addition of the Cu)
	Public Key Cryptography:
	RSA Mgorithno.
-	Dts a block cipher which converts plaintext
	into cipher text at sender and vice was at
ž	receiver side.

Pape No.

-> Brute force attack (Hocker trees all posible private Keys)

-> Mathematical attack (Harber Trues to factorize products) 2 primeno) > Piming attack (Dependen numing fine)

- Chosen Ciphretent attack (Hacke tonks attack on all proposed

MAC -> Message - Authentication Page No. _CMAC > Cipher Based in_ * Deffic Hellman Key Exchange. Also known as key exchange algorithm or key agreement also. Its used to generate same private cryptographic Key at sender as well as recrows end so that there is us need to manefer this Ky from sender to recioned + -16 string is a process of converting a given key into * DioHal Signature -> Message Austrentication application. -> Similar to MAC. Secure Hash - Algarithm (CHIR) >8+44-1 takes input meg. of a maximum light less than 264 bits and exproduce an output of 160 bit mexage digest. -> Stornger against Brute-force allack. * MDB5 = uses 128 bit message digest. Takes Grounds. * Applications of Comptographic Hash func. Data Author ticotion 2) Digital Signotine 3) Password Storage 4) Key Yeneration Protonision Detection & von Detection Rech. * Kerberos. Authentication protocol. Uses the concept of the ticket as taken to prove the identity of the uses. KDC -> Key Distribution Contes.

		Page No.
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	Receiving Puter rily	. <u></u>
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	TCIA)	
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-1-42-1-5600/	ng -> Address ovesolu	tten butocol
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	to the authentic	TPOOLINES.
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	-> Multiple DP with	single targel MACade
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	with lake That	o vicho to exabition
	<u>convietion.</u>	
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	ACK	
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-	providulent website	Tives yesemos
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	-> Overflow of en	" to me internet!
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		SYN office.
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	Paga No.
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	IDS -> Problesion Detection.
	-> Auti-vieu softwale.
	-> Detects diff. allacks.
	tirevall -> Basier place between inside and
	abide wetwood to project organization
	from inside & outside hack out.
	Mous 2 worms
	-> Malacions software.
1 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	down information and the unitiplies.
	dos not
	Trojan horse ->A Computer program.
	-> Along with weful some malicios code
	> wefill jub stole from attacker free.
	and who around the court or the cred
	Man whe middle Attack.
	AtheroRox
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	person x, person y not aware of attacker
	a alterine the megs.
	andre Miller (1985) and the state of the first of the first of the state of the sta
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제공으로 경우를 되었다. 그리다	的现在分词 经收收的 网络阿克斯 医电影 医阿克斯氏征 医二甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基