1 - Calser 2-Monoalphabetic 3 - Vigenere 4-Rail-Sence 5 - Play Fair 6 - ROW Hansposition 7- Fill Cipher S- Geometric 9- ONE time Pack 10-Black CIPHERS Modes 11- RSA Notes P: Plain text C: CiPher text K: Key 22 mod 5 -> 22/5 = 9.4 =22-(6x4)=1

1. Ceaser Cipper

ABCDEFGHITKLMNOPORSTUVWXYZABCOE

EX; P: "Information" Key = 5

Encript using Ceaser

En: "Next wreynts"

2. Mono Alphabic

3. Vigenere Cipher

P: Wearediscovered save your self Enerypt using the Keyword 11 deceptive"

Kideceptivedeceptivedeceptive p; wearedis Covered Saveyour Self C; ZICV TWQNGRZGVTWAVZHCQYGLMGJ

P: Computer security K=3

	C	P	e	e	Y	4	
	0	U		C	j		
•	M	t	5	U	t		Ī

En: CPEErgour Cimtsut

5. Play Lair

PISHVOUN acpdemy

K; Security

udpurh yujoht Vaij Abadarghink (mnofanstur

	(5!	e	Cj		17:
\langle	1/5	t	9	(Q)	6
		F _	9	$\left(\frac{\zeta}{\lambda}\right)$	1 Kil
	L	M	\wedge	(Q);	P
	OL	\vee	W	X	2

لومي نفس الحوراً دُر المدما

ba a b

jone del jolo y la cris de d

6 Row trans Potion

P: Security game

Ki 41532 ->5

V 1 2 3 4 5 (239) 26/1 slaw K) 1 Cos. 1 secur ascending suchos

2 4 1 5 3 2 5,5×11 65 1 KJI (S)

3 USYCEGIAYTXMXXE isoloxidelissí

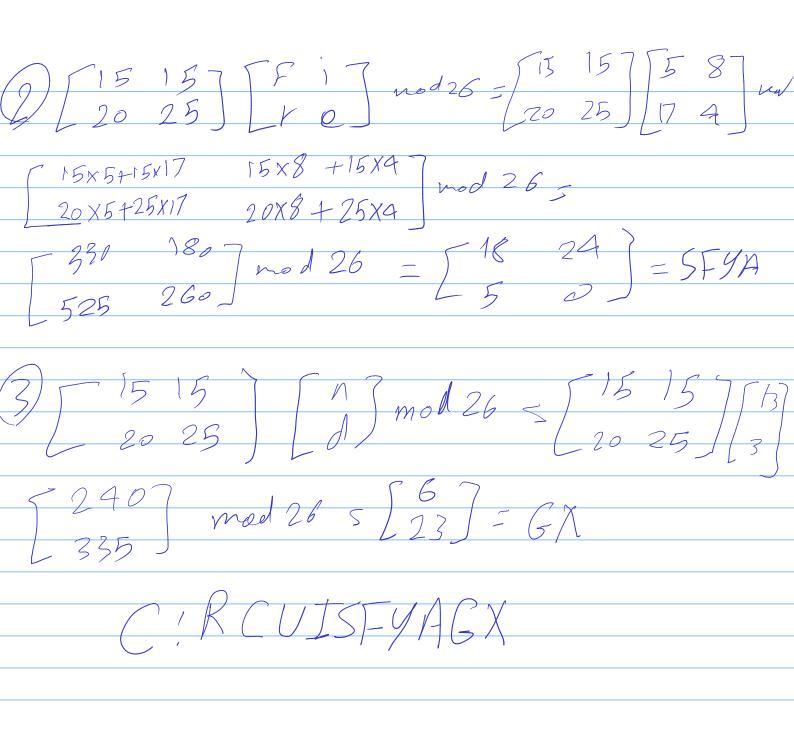
7. Hill CiPher

ABCDEFGHIJKLMNOPARSTUVWX Y Z 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25

PI Hi My Friend K_{5} 15 15 20 25

(5 K P mod 26(5 K P mod 26($5 \text{$

207 RCUI 207 RCUI 208



8. Geometric

Pricame Isawi Conquered Key; 6

1 2 3 4 5 6

2 C A M E I

O C I W A S

N Q V E R E

TONQCCAIUEWMEARDESI

9 Vernan/one time pad ciPher P = Come today k = NCBTZQARX

ABCD FFGHIJKLMNOPQRSTUVWXYZ 0 1 23 9 56 7 8 9 10 11 12 13 19 15 16 17 18 19 20 21 22 23 24 25

COMETOCAY

2 14 12 4 19 14 3 0 24

NCB+ZQARX

13 2 1 19 25 16 0 17 23

15 16 13 23 44 36 3 17 47

PQNX5 FDRV

lo-block APhermedes

11-RSA

 $n = P \times q$

 $\mathcal{O}(n) = (P-1) \times (Q-1)$

e.d = K Ø(n)+1

Publickey = {e, n}

Privet key = Ed, n3

encription: C=me modn de cription: M=cd modn

one time Jessie Je Sold X Pad 6 J 7 Geomitm Row Hill wost ed=KD(N)+1
publicky; {e,n}
privet; {d,n}
c=Memodn
N=cdmodn (1-1)(1-1) = (N) N = P Xg K SH 13-5-8-5-87 18-5-8-5-87 ploch chitmes nodes MIMMI Vigence Realfena Pl.
Rot Usix
Society
Society Monographapitic Lacke