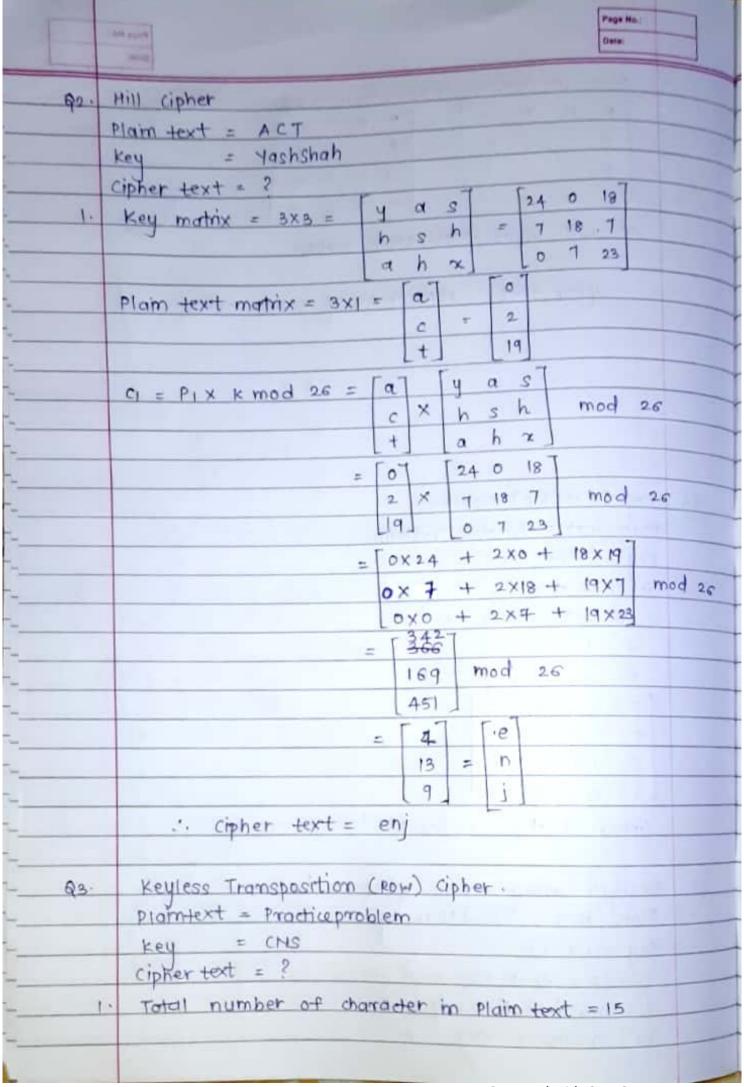
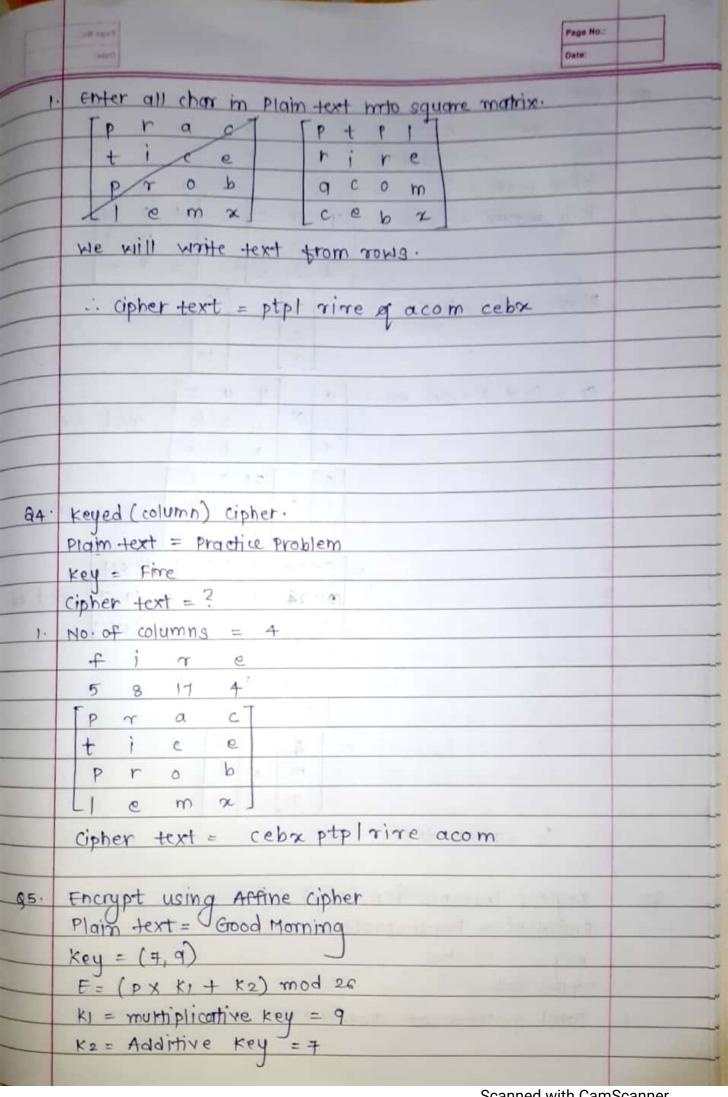
20108	OPEN BOOK TEST - 1
	A - 1 200 ClA - 10 10 C 70 70 97 - 27
01.	vignere cipher
	Plaintext = practice Problem
	Key = CNS
7	cipher text = ?
1.	Encryption: Plain text = practice problem.
	practiceproblem
9	15 17 0 2 19 8 2 4 15 17 14 1 11 4 12
2.	
	2 13 18
3.	Divide the plain text in no. of char in key.
	pra cti cep rob lem
	pra cti ceproblem
	PT - 15 17 0 2 19 8 2 4 15 17 141 11 4 12
	K - 2 13 18 2 13 18 2 13 18 2 13 18
4 :	- 1 (2.12) - 1 22
	$C_1 = (15 + 2) \mod 26 = 17 \mod 26 = 17 = 7$
	C2 = (17 + 13) mod 26 = 30 mod 26 = 4 = 0
	(3 = (0 + 18) mod 26 = 18 mod 26 = 18 = 3
	(4 = (2 + 2) mod 26 = 4 mod 26 = 4 = e
	C5 = (19 + 13) mod 26 = 32 mod 26 = 6 = 9
	$C_6 = (8 + 18) \mod 26 = 26 \mod 26 = 0 = a$
	$C_7 = (2 + 2) \mod 26 = 4 \mod 26 = 4 = e$
	C8 = (4 + 13) mod 26 = 17 = 7
	$(q = (15 + 18) \mod 26 = 33 \mod 26 = 7 = h$
	C10 = (17 + 2) mod 26 = 19 mod 26 = 19 = t
	C11 = (14 + 13) mod 26 = 27 mod 26 = 1 = b
	C12 = (1 + 18) mod 26 = 19 mod 26 = 19 = t
	C13 = (11 + 2) mod 26 = 13 mod 26 = 13 = n
	C14 = (4 + 13) mod 26 = 17 mod 26 = 17 = 7
	C15 = (12 + 18) mod 26 = 30 mod 26 = 4 = e
	cipner Text = reseggerh+btnre





F	- oH spec	Page No.:				
	2010					
	goodmon	r n 1 m 9				
	17 17 3 12 17 19					
	$E = (p \times k_1 + k_2) \mod 26$ $C_1 = (6 \times q + 7) \mod 26 = 61 \mod 26 = 9 = 1$ $C_2 = (14 \times q + 7) \mod 26 = 133 \mod 26 = 3 = d$ $C_3 = (14 \times q + 7) \mod 26 = 133 \mod 26 = 3 = d$					
	C4 = (3 x 9 + 7) mod	1 26 = 34 mod 26 = 8 = 1				
	C5 = (12 × 9 + 7) mod					
	C6 = (14 × 9 + 7) mo	d 26 = 133 mod 26 = 3 = d				
	C7 = (17 ×9+7) mod 26 = 160 mod 26=4 = e					
	$C_8 = (13 \times 9 + 7) \mod 26 = 124 \mod 26 = 20 = U$ $C_9 = (8 \times 9 + 7) \mod 26 = 79 \mod 26 = 1 = 6$ $C_{12} \times 9 + 7) \mod 26 = 124 \mod 26 = 20 = U$					
	C10 = (13 x q + 7) m					
	(1) = (6 × 9 + 7) m	od 26 = 61 mod 26 = 9=1				
	cipher text = jddilde	ouhui				
	Cipirer (CX) = judition					
90	96 Decrypt using affine cipher.					
	Plain text = ?					
	cipher text = aevjvjztsdvch					
	Key = (17, 15)					
	k1 = multiplicative key = 15					
	k2 = additive key = 17					
	$D = K_1^{-1} (P - K_2)$	mod 26				
	. To find key inverse.	1 = 4 + 3(-1)				
		1 = 4 + (11 + 4(-2))(-1)				
	11= 4 × 2 + 3	1 = 4(3) + 11				
	& = 3×2 +0	1 = (15 + 11(-1))(3) + 11				
	4 = 3 × 1 + 1	1 = 15(3) + 11(-2)				
	3 = 1 × 3 + 0	1 = 15(3) + (26 + 15(-1))(-2)				
		1 = 15(3) + 26(-2) + 15(2)				
		1 = 15(5) + 26(-2)				
		Scannad with CamScannar				

	off many	Page No.:
		Date
93	Encrypt using plantain cipher.	-
	Encrypt using playfair cipher. Plain-text = good morning key = stay happy.	
	cey = stayhanov.	
	J Sugar	
	s t a y h T	
	f g i/j k l	
	mnogr	
	U V W X Z 5×5	
	go od mo m in gx	14
	3 00 110 11	
	in ac na mo go kv	
	: cipher text = ingc namogokv	
	The state of the s	
Ø8.	Playtair Cipher	
	Cipher text = gomqyekcxl	
10	Key = hello	
	Plaintext =? qo = th	
	[heloa] mq=is	
	b c d f g ye = wo	
	i/i k m n p kc = ce	
	q r s t u x1 = sx	
	V W X Y 2 5X5	
	The state of the s	
	Plaim Cipher text = this wocesx	4.
89.	Affine cipher.	
	Plain text = Hello Everyone.	
	key = (7,5)	
	cipher text = ?	67
	helloexeryon	
	7 4 11 11 14 4 21 4 17 24 14 13	
	and the state of t	
	Scanned with Ca	0

