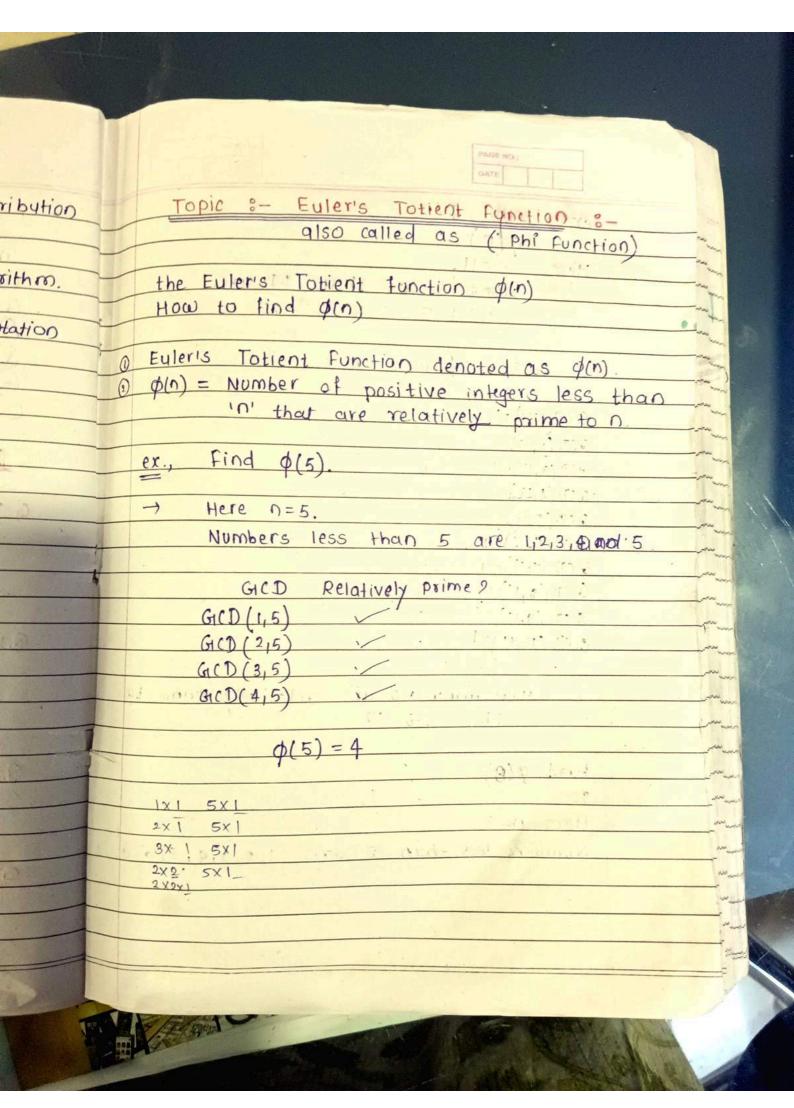
DITTIC ATT		
CHARLE	Asymmetric key cryptography	
1	DIM GARE	
0	Euler's Totient Function	
. 10	Fermats and Euleris Theorem	
3	Chinese Reminder Theorem	
<u>(4)</u>	RSA NI 24 Nipiged middlepto Rea 1711	
(5)	Diffie Hellman key Exchange	
<u> </u>	ECC Cigital Cian	
(7)	Entity Authentication : Digital Signature.	
	Outside of	
<u>an</u>	questions :-	
Q.1.	Write RSA Algorithm ? Flowform	
9,1.	Encryption using the RSA Algorithm, for	
	the following).	
	P=7, q=11, p=3, M=9	
G.2.	Explain the public key crypto system?	
9.2.	what is difference bet symmetric	
	Encryption algorithm and Asymmetric	
	algorithm.	
	417001617.07	
6.3	Explain Diffie-Hellman key Exchange algorithm With Example ? Is Diffie-	
9,3.	algorithm with Frample ? Is Diffie -	
	Heliman key Exchange Secure?	
9.4.	Describe Euclid's Algorithm with example	
(1)	The state of the s	



	DATE
	$-\sec \alpha \cdot \operatorname{Find} \varphi(n)$
10	in the and ind (ii) and all all all all all all all all all al
	Here, $\rho=11$ .
	Numbers less than 11 gre
0	1,2,3,4,5,6,7,8,9,8010.
	13)1,01917)8,516 10.
	GCD Relatively Prime
	E CALL FAMILY FAMILY - TO STATE OF THE PROPERTY
	G(D(1,11)=1
H2	GCD (2, 11)=1
- 11	GCD (3,11)=1
	G1CD (4,11)=1
	G(D(5,11)=1
10 75	G(D(6,11)=11
	G(D(7,11)=1
	(1CD (8,11)=1
	G(D(10,11)=1
	G(D(10,11)=1
	How many no are relatively prime to
	11. = 10.
100	lin I deal
	find \$(8) sol?:
	Here n=8
No.	
	Numbers less than 8 are 1,2,3,4,5,687

