## DAYANANDA SAGAR COLLEGE OF ENGINEERING

(An Autonomous Institute affiliated to VTU, Approved by AICTE & ISO 9001:2008 Certified)
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## DEPARTMENT OF TELECOMMUNICATION ENGINEERING

Accredited by National Board of Accreditation Council (NBA)

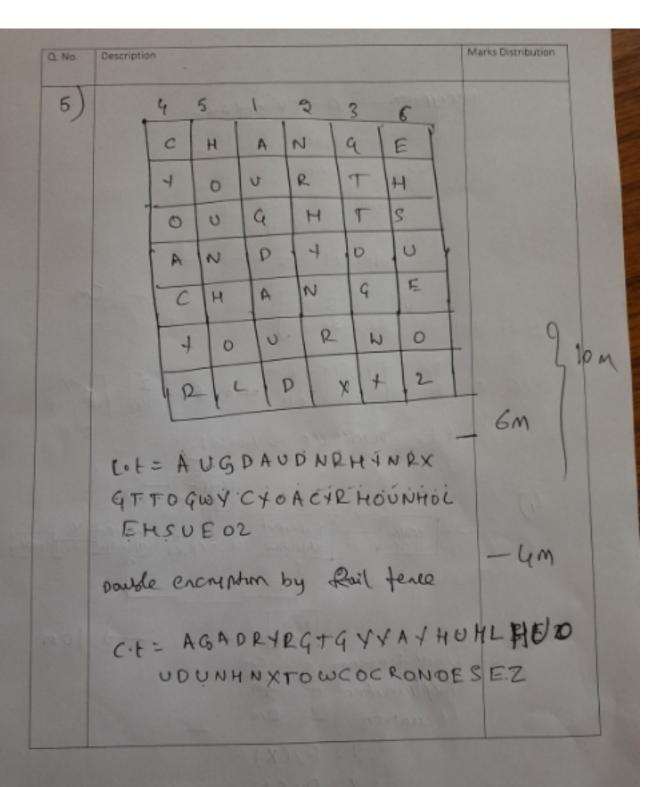
## SCHEME & SOLUTION: CONTINUOUS INTERNAL ASSESSMENT- 1

Date: 12/10/2010

Sumester	Couple graphy & wehards focush Source Code: 17Th	sighalds	CNS
Q. No.	Description	1	Jarka Distribution
b. x. d. e. g. h. 1.	iv) Integrity  ii) Authorization  ii) Encrypted  ii) Denial of Courte  iii) VIBBV  ii) Caesar  ii) Grovate recy  ii) Grovate recy  ii) other Symbol  ii) other Symbol		10 M
g.	Pulu to Encryption - 9	M	

In N T E. R  8 A B C D  F Q H K L  M O P Q D  V N X Y 2  PE = IN VE ST. ME NT 8N KN ON LE DGEX  Cot = NT Y BIH OF TE NT GE NN KRALTY  3)  C = KP mod 26 P. t = DONT LIETO HOWALLY  [C1] = [18] [13] mod 26 = [15] = [P]  [C1] = [18] [13] mod 26 = [9] = [4]  [C1] = [18] [13] mod 26 = [9] = [4]  [18] [19] mod 26 = [9] = [9]  [18] [19] mod 26 = [9] = [9]	Q. No.	Description	Marks Distribution
	3)	21 N T E R  8 A B C D  F Q H K L  N O P Q U  N N X + 2  P. E = IN VE ST. ME NT 8N KN ON L  Cot = NT + B I A R TE NT GE NN K  Cot = NT + B I A R TE NT GE NN K  Cot = L8 P mod 26  [C1] = [L8] [P] mod 26  [C2] = [L8] [P] mod 26 = [P]  [C2] = [H8] [13] mod 26 = [P]  [C2] = [H8] [13] mod 26 = [P]  [C2] = [H8] [13] mod 26 = [P]  [C3] = [H8] [13] mod 26 = [P]  [C4] = [H8] [13] mod 26 = [P]  [C5] = [H8] [13] mod 26 = [P]  [C6] = [H8] [13] mod 26 = [P]  [C6] = [H8] [H8] [H8] [H8] mod 26 = [P]  [C6] = [H8] [H8] [H8] mod 26 = [P]  [C6] = [H8] [H8] [H8] mod 26 = [P]  [C6] = [H8] [H8] [H8] mod 26 = [P]  [C6] = [H8] [H8] [H8] mod 26 = [P]  [C6] = [H8] [H8] [H8] mod 26 = [P]  [C6] = [H8] [H8] [H8] mod 26 = [P]  [C6] = [H8] [H8] [H8] mod 26 = [P]  [C6] = [H8] [H8] [H8] mod 26 = [P]  [C6] = [H8] [H8] [H8] mod 26 = [P]  [C6] = [H8] [H8] [H8] mod 26 = [P]  [C6] = [H8] [H8] [H8] mod 26 = [P]  [C6] = [H8] [H8] [H8] mod 26 = [P]  [C6] = [H8] [H8] [H8] mod 26 = [P]  [C6] = [H8] [H8] [H8] mod 26 = [P]  [C6] = [H8] [H8] [H8] mod 26 = [P]  [C6] = [H8] [H8] [H8] mod 26 = [P]  [C6] = [H8] [H8] [H8] [H8] mod 26 = [P]  [C6] = [H8] [H8] [H8] [H8] [H8] [H8] [H8] [H8]	EDGEX RALTY SETO YOURLLY

Q. No.	Description	Marks Distribution
	Decryption > p = Cic med 26.	1
	Kt = aditicl =	
	adolel = [3-8]	
	det[k] = 7	SM
	(2211)	
	(P) = [15][3 19] mod 26 = [3] =	07
	P. t = PONT WE TO Yourself	
4)	Messy X Excreptor V=ECK,X) automing	X melen
I MY	I X	
100 P	-) Blove diagram - sm Englandom - 2m equation - 2m	OM
	X = DKCX)	



Q. No. Description	Marks Distribution
6) P.L = CRYPTOGRAPHY	(6)
Callar Cipher	
encyphon: C = (k+p) mod 26 - Omg	
= (7+2) mod 26 = ·9 = 5	
= C7+17) mod 26 = 24 = 4 9m	5M Q
= (7+24) mod26=5=F	1
C. E = JYENAVNYHWOF	Ylon
pecialinu = b> (c-10)mod 26 -11	m
= (9-7) mod 26 = 2 = C	
= (24-7) mod26=17 = R	-sm
= (5-7) moda6 = 24=)4	100
P.t = Cryptography	NATHER D

Q. No.	Description	Marks Distribution
7)	Take any of the Example and	0
	clearly show one to one mapping	
	ED: p.t = Hello  Key = ABCCD - 6M  C.t = HENNE	7
	Strength of more alphabetic Cipher	& lom
	O Since we get 4x1026 possible Combination of key it difficult to break cipher text by weins	
	Boute force aback	
	2) If the Cryptanalyst knows the rature of plaintext then to the can exploit the regularities of the la	nguage
	The second secon	