	DE Assign 20DCS 103	ment	Page No. 1) Date /				
Ove: 1							
D	Step: I:-						
	Coroup	Mintenims	Binary Rep. A B C D				
	• 0	Mo.	0 0 0 0				
	1	M 8	0 0 0 0				
	2	M ₃	0 0 1 1				
	3	M7 Mg11	0 1 1				
	4	M ₁₅					
D	Step: 2	:-					
	Geroup	Matcheel	Binerry Rep A B C D				
	0	Mo, Mg	0 0 0 0				

	(Page No. (S)		Page No. 2				
	20DCS103		· · · · · · · · · · · · · · · · · · ·				
	1 10 12	M, M3	0 0 1				
	X.		20001				
		Me, Ma					
	A X A X	- Aller March	G 3611 8 8 10 1:				
	2	MajMa	0 - 1 - 1				
	E. Carrier	M3,M11	49 60 60				
			10-1				
		M9, M11					
	3	M, M,5	FIR BCI+CO				
		M ₁₁ , M ₁₅ .	militaria iguilia 2 anto				
	Step: 4	-0					
1 211	3190	E TO WAR COLLEGE	= (0,08;A)=				
	Crowp	Mentiched pein	Binerry form				
	4704		ABCD				
	0	0.0,1,8,90	-00 - (Bc)				
		0,8,1,9	-00 (BE)				
		E LA PARTIE DE LA					
		1,3,9,11	_0_1 (BD)				
		1 9 3 111	10-1 (80)				
	2.	3,7,11,15.	a +_0_1=1= (cp)				
		3,11,7,15.	10 1-38 14 (CO)				
		1					
	E. C. Mithata	(at)	Miss Die Cum - 1m				
		outer of Supine					
			Ofgrands C				
(distribution)	1. (D) 18,7	2 4 5 1 10 AM	S = C(0, 2, 8, A) 7 3 3 3 9 8				

	20PCS 10 3 Page No. (3) Date / / /					
	(0,1,8,9)BCXX X X X					
	(1,3,9,11)BD XX X					
	(3,7,11,15) CD. X (X)					
	$F = B\bar{c} + cD$.					
Jue: 2	Solve grestion: I using K -nep. $F(A,B,C,D) = \sum_{i=1}^{n} m(b_{i},3,7,8,9,11,18)$					
	AB CP					
1.C38) (1.C38)	00 1 1 10					
1/03)						
5000	$F = CD + \overline{CB}$ $= \overline{BC} + CD.$					
Jue: 3	Use guine-Mccluskey (Tubulation) minimization technique to solve below example.					
	F(A,B,C,D) = Z m(0,1,2,4,5,9,15) + d(6,13)					

1 0 1

20DCS103

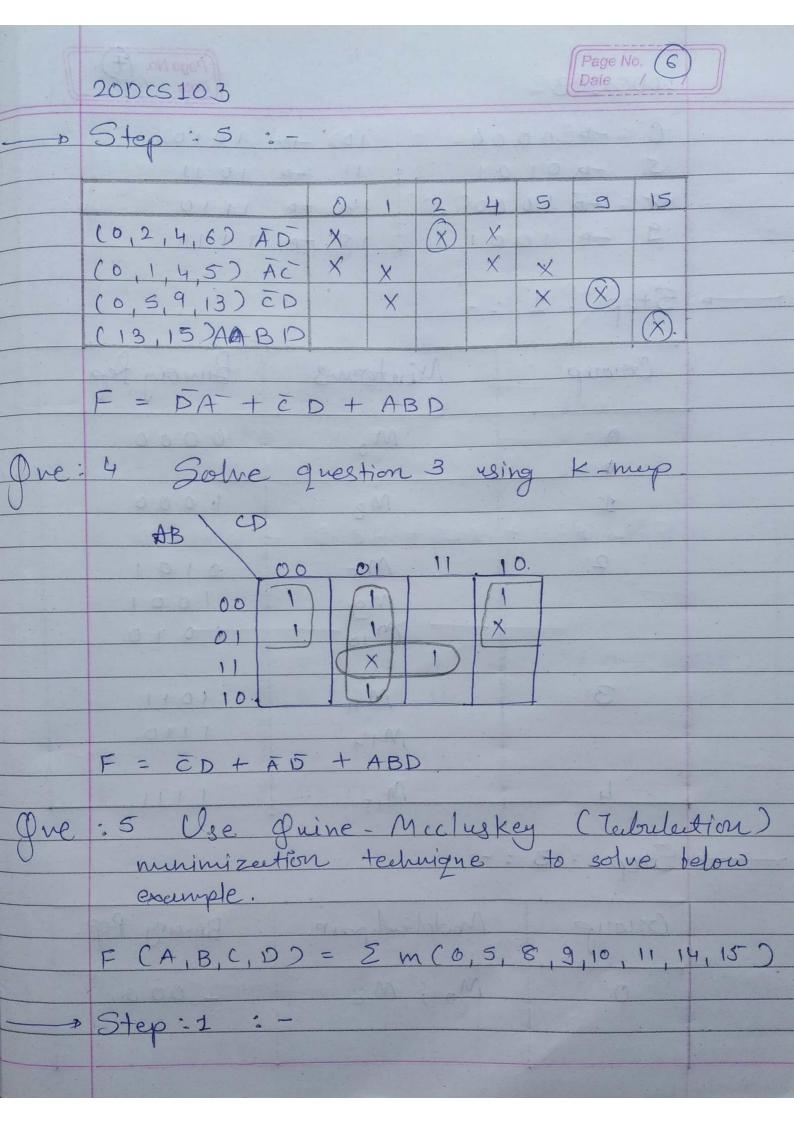
Paga No. S Date // /

-> Step: 3:-

- 3				
	Coroup	Mutched pair Binoury Rep.	Meetched pair Bi	
Y.	0	Mo, M, 000 -		
	E HORN IN S	Mo, My 0 - 0 0		
	1	M ₁ , M ₉ 0 0 1		4
	Denia .	M2, M6 0 - 010	M2, M6	
	0000	M4, M5 010 - M4, M6 01-0		
	0			
	02.0	Ms, M,3 101 Mg, M,3 1-01		
	0		i Marie I i Marie I i i i i i i i i i i i i i i i i i i	
	3.	M ₁₃ , M ₁₅	(13 3 7) 15	340

Step: 4:-

AND DESCRIPTION OF THE PARTY OF	Conoup	Meetched pein	Binerry Rep.
att pelong against	1011	a - M	
Mary Control of the last of th	0	0,2,4,6	00 (A5)
NAME AND POST OFFI		0,1,4,5	0-0- (AE)
- Contraction		0,4,2,6	00 (AF)
1		0,4,1,5	0-0- (AC).
1	1.	1,5,9,13	- OI (TD)
-		1,9,5,13	OI (TD)



Page No. (7) 20DCS103 10 -10 10 10. D0000 11 -> 1011 5 ->0101 1110 8 -0 1000 -P 1001 Step : 2 : -Bivery Rep Minterms Croup Mo 1.000 MR PASE 10101 +011011 Coroup Montdered pain. Binary Rep. Mo, M8. _ 000-

	20DCS103				Eol	Page I	Vo. (8)		
	10388	M8,			1 1 0	00			
. Co.d.	Walley - Killey	, ,		a	Al			- 30	
	2	Mg,	MI			0 _	1		4
		M10,	MII			01-	. A.A.		
		M10)	MIY			-10			
	3,	^^	^^		. (1 1			
	<u></u>	M 11 3			1	11			
		MIN	115.						
-	Step: 4:	1- 1-	()	1 1		01.	ilea :		
	1								1
	Group	Moutch	red pair	n	8	Biver	ny Re	ep.	
	0								-
			*						+
	1	8,9,10						(AB)	-
		8,10,9,11			10 - (AB) 1-1- (AC)				
	2.								
			1,15.			1		(AC)	
D	Step: 5	, -							-
	1			T .			Commence Com		
	C & 9 10 11	AR	5 8 X	9 (X)	10	X	14	15	
	(8,9,10,11)				X	X	\otimes	8	
	(0,8) B		×						
	(5) AB		8						

