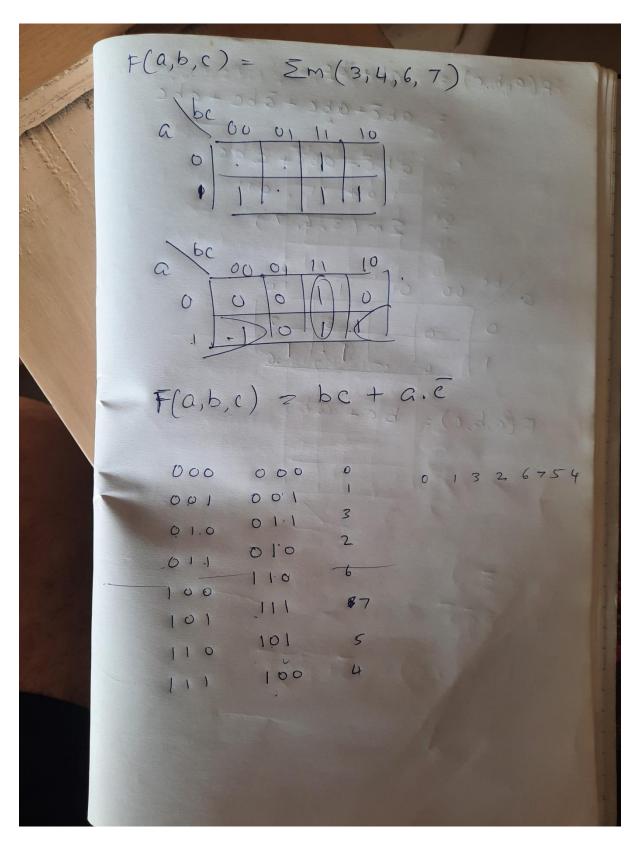
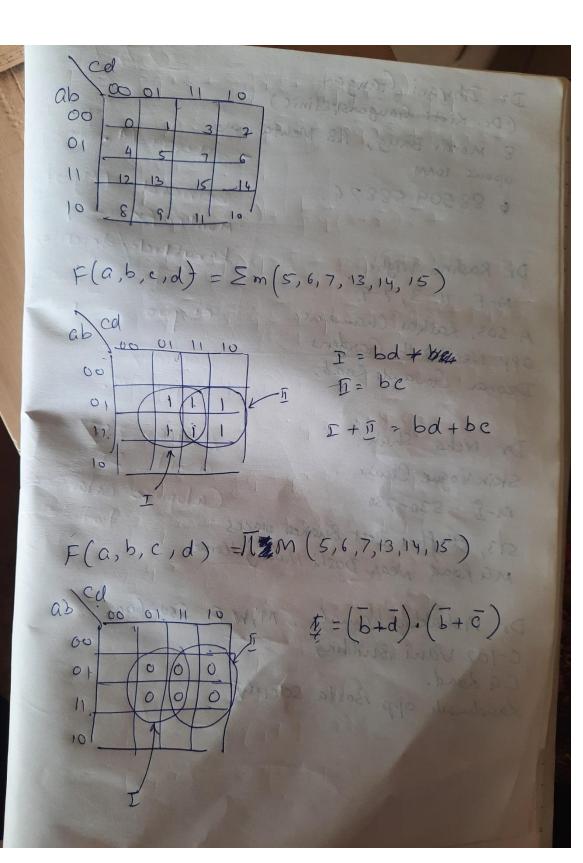
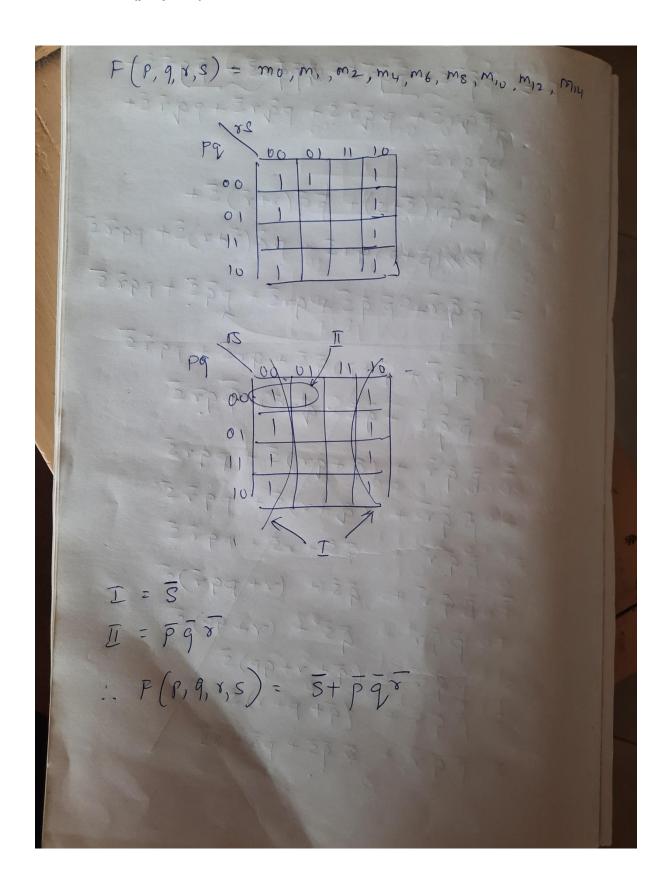
Problem1: $F(a,b,c) = \sum m(3, 4, 6, 7)$



Problem2: $F(a,b,c,d) = \sum m(5, 6, 7, 13, 14, 15)$

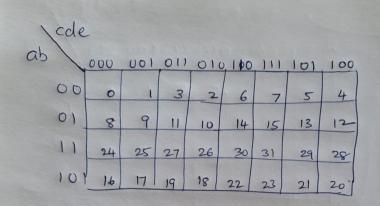


Problem3: F(p, q, r, s) = m0, m1, m2, m4, m6, m8, m10, m12, m14



Five Variable K Maps:

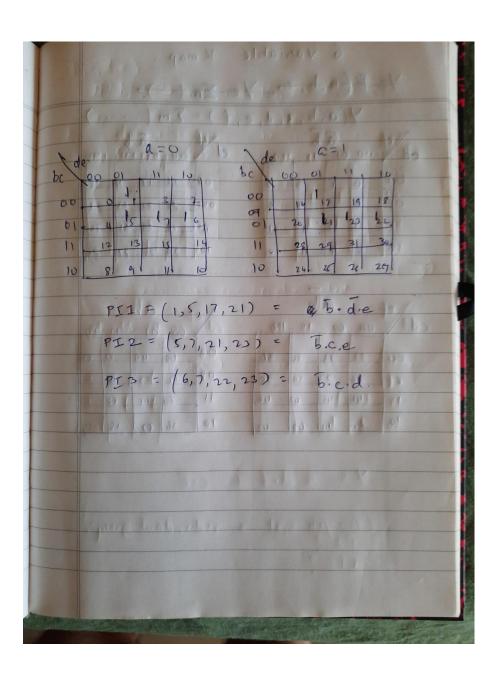
	510 20 0 5
F(a,b,c,d,e)= TM(0,2,8,10,	
de a=0	~ de a=1
bc 00 01 11 10 00 0 1 3 2	be 00 01 11 10 00 016 17 19 018
01 4 5 7 6	01 20 21 23 22
11 12 13 15 14	10 O 24 25 27 O 25
A . I C 18 1 4 1 1 1 1	use of overlap & wrapping
: 3 variables ca	in be eliminated
ax bx 1 c v dx c = 0, e = 0, 11,	militar small
:, F = (C+e)	// remember Maxterm
100000000000000000000000000000000000000	0 10 10 10 10
	X 4 3 10 17 10 10



 $F(a,b,c,d,e) = \overline{ILM}(0,2,8,10,16,18,24,26)$

ab cde				4				¥
-	000	001	011	010	,110	111	101	100
00	0			0				
0)	0			0				
11	0			0				
10	0			0				
	K	1	*		MA	7		

F(a, b,	c,dje) = Em (1,5	a = 1
	Q = 0 0 1 3 2 4 5 7 6 12 13 15 14 8 9 11 19	26 29 31 32 28 29 31 32 24 25 27 26
		mls?



5 VARIABLE KMAP

 $Y(a,b,c,d,e) = \sum m(4,5,7,12,13,21,23)$

A=0

1	1	1	
1	1		

A=1

1	1	

Answer: b'ce + a'cd'