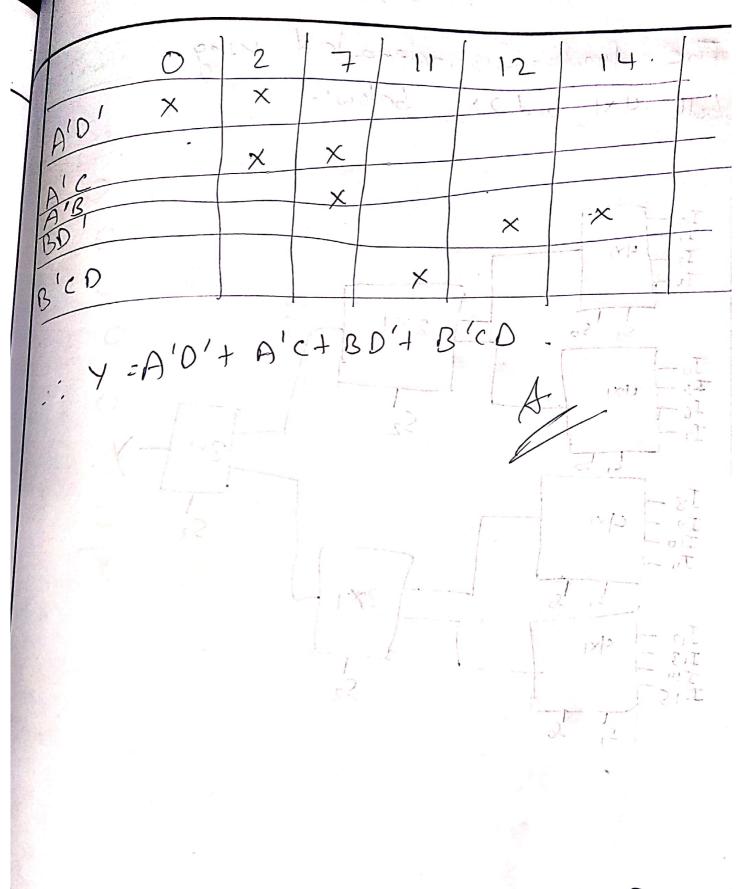
Md. Mahir Jawad 20101285 Section, OS.

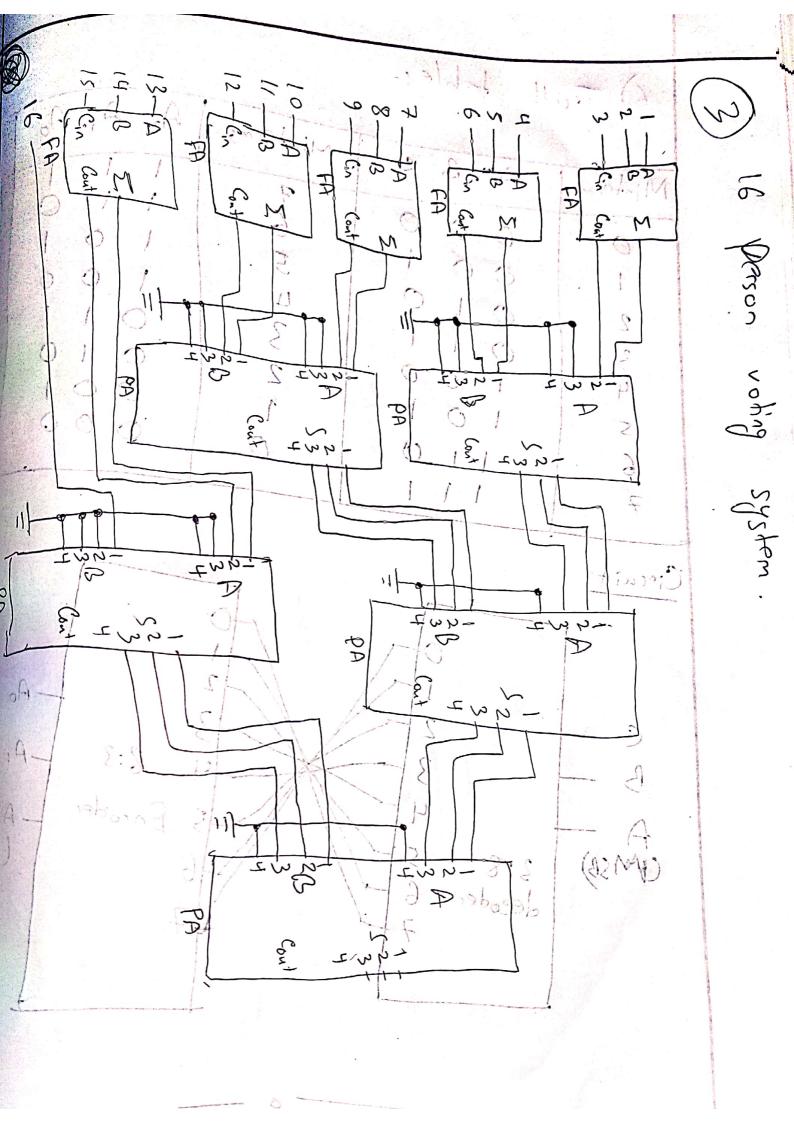
							11/01/50	
	1) F(A, B, G	,0) =	Σ(0,	2,7,11,1	2,14)	+ d (3,45,6)	
	Th	e dasle	uĵ	ilbe !	- - - -			
		1 Step-1		SARP		}	Step-3	12961
	0	0000		(0,2)	0-00		(0,2,4,6)	00
		0010 0100	ンンンンンン	(2,3) (2,6) (4,6) (4,6) (4,1) (5,7) (5,7)	001-0-10-1		(2,3,6,7) (4,5,6,7) (4,6,12,14)	0-1-
7 11 14		0111		(6,14)	11-0			

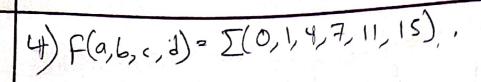


P.T. 1

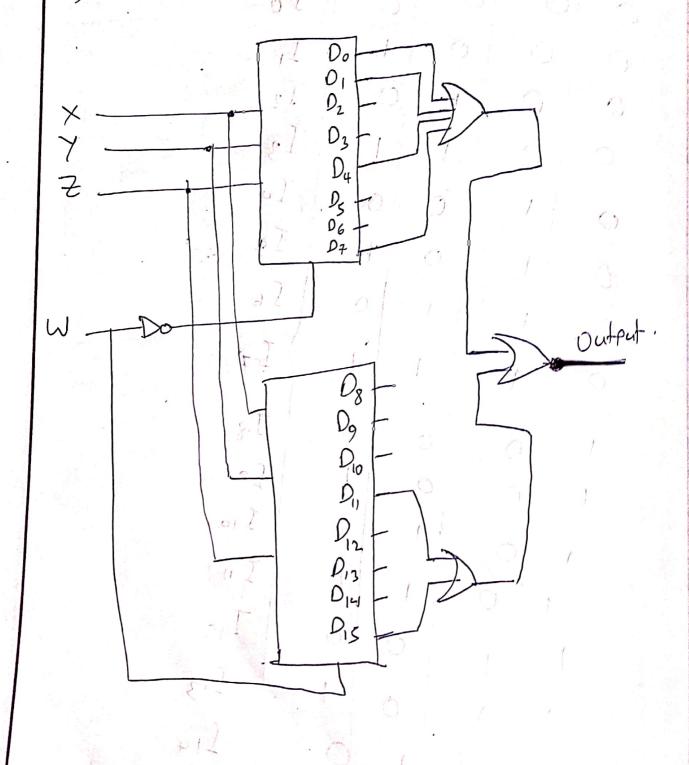
The truth table foot comparator systems () that takes 3-bit binarys numbers [AB and c] as inputs and outputs:
as inputs and outputs of hob-ogolow
1116 A 11 B 1 CON 1 A-3 1 2B 1 A-362B A-362B A-362B 1 ON SONA 1 ON
-90b, 0,000 1 1-3 1005 100 100 2 100 100 100 100 100 100 100 1
2 1 1 4 -3. 2. 1 2. 1 2 2. 1 2 2. 1 2 2 2 2 2 2 2
11 1 2 2 1 1 1 9W
Witmap of the table! of tool
AB AB AB AB AB AB AB
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
Groups:- (0,1,2,3,4,5,6,7)

MON TH · 20 004,007. 210000 f(A,B,C).21 この) さっていった l. pesign of circuit will se: y (output: 0100 1 11





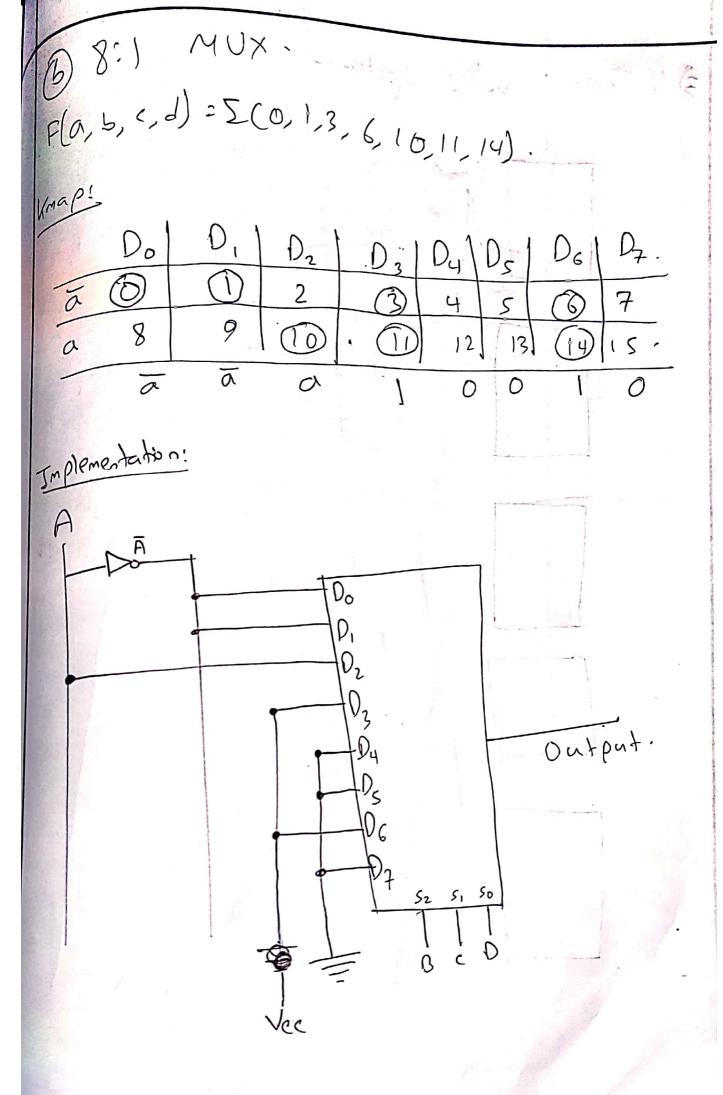
a) 3:8 Decoder:



Decoder D4 D5 D6 D7 2×4 Outent D8 109 D10 1011 D12 D13 D14 D15

P. 7.03

 $(5) F(a,b,c,d) = \Sigma(0,1,3,6,10,11,14)$ @ 4:1 MUX(s) and 2:1 MUX K-map. 12 13 a a 0 āa ā C 23 ab



			7-		
) Truth	table:-			
(6)) Truth	1 0000		I O O A	60
	terms A	BC	Minterms	Az A, Ac	
- Inin	* 13	100 la	7.0	THE	Partie and Albaco in August 19
		0 0	-6	101	Georgia and
		10	5	100	-
$\begin{bmatrix} 2 \\ 3 \end{bmatrix}$			3	011	
4	442 14	00	1 2 D	0 1 0	4 10 20 20 20 20 20 20 20 20 20 20 20 20 20
5		0 18	1	001	And a special control of the control
6	- com	10	110		<u>. </u>
7					
Circuit				-000	
Circuia				59	56
		0 2	10	- 64 7	
	1	1	1/2		lo
1 0 -	- 4	2	1/2		10
R -		3	4	8:3 -F),
		4///	5	8:3 -F	Δ.
(MANSB)	7	5///			Az (msa)
(A +1212)	3:8 decoder	5 //	16	V	Carlon
	deeper	7	47		
		- 462	2		the code residence.
			1	1	Show a state of the state of th
					Lindbowers (supplies).
			,		