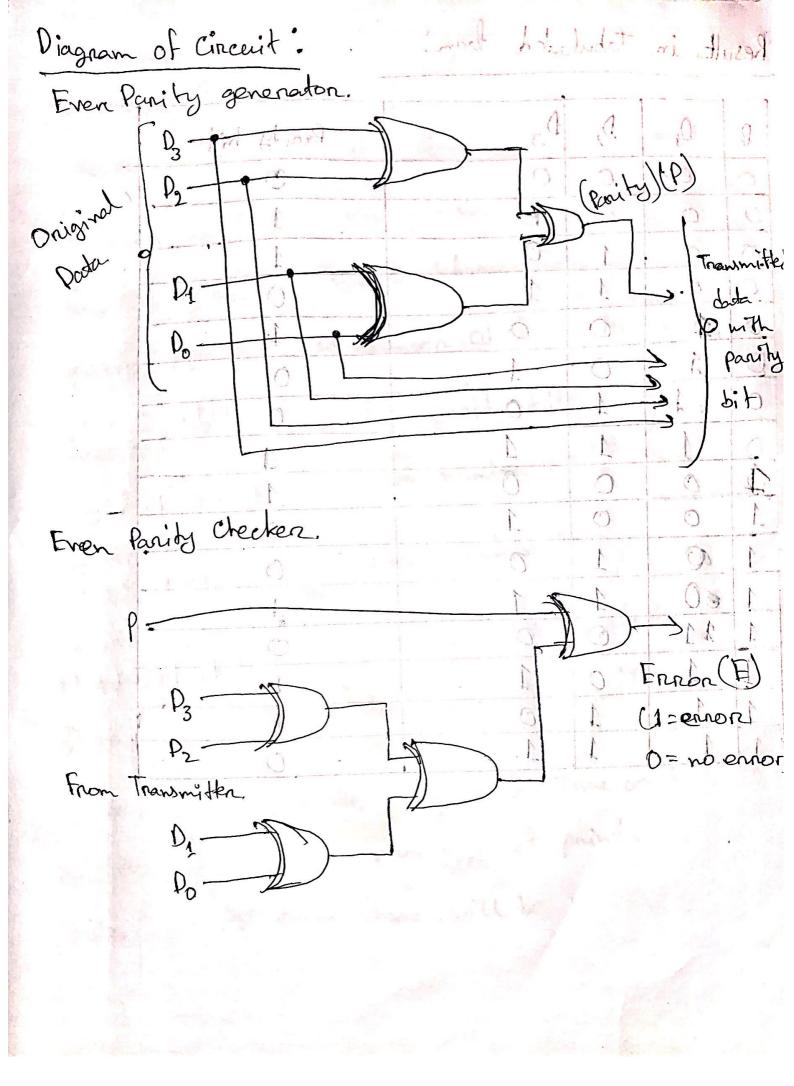
Experiment-3 (01100111)-3
Panify Gerenaton and Checker
Objective. 10012601
To design and implement an even parity checken using
XOR garles) (IC-7486) (0011110
XOR gardes) (IC-7486) Required Components and Equipments a (11,00001)
TI OGICSTATE
LOGIC PROBE
(1011011)2
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. Kesi	elts in	Tabul	aded	form!	of Cineccist	
instances inthe						
Po	0,	\mathcal{D}_{2}	D ₃		Parity bit	
0	(O)/	10	0	· Comment	01-0	
0	9	0	The		1 / /	
10.	0	1	0	. 4	1 2	
0	0.0	11	1		0	
-O-	54	0	0		1-0	
4:0°	112	0	1			
0	16 16	1	0		0	
0	1	1	1		4	
1	0	0	0		1	
1	0	0	1		with checoa.	
1	0	1	0		6	
1	60	1	7-1		1	
1	11	(0)	O		0	
1	2019	0	1		12 0.	
1	10,19=1	1 1	0			
2 min	24-50	1	1		<u> </u>	
Marshmidter.						
				A Comment		
					00	
Same .						

Discussion;

The parity rule is that the even parity made is when we have even number at 1 in our function then we have to determine 0 as a parity bit. But odd number of 1 in the a function the 1 is the parity bit.
a) 0111; here, there are even number of 4" no painty bit is (1) b)1001, here, there are even number of (1) no parity bit is 0' c) 0000, there this is even so parify bit is 'O' DOSOO; old number of (1') so parity bit is (1' In the checken is the output is True on 9 then there will be no ennor, if it prints -False on (0) there there will be no enron.