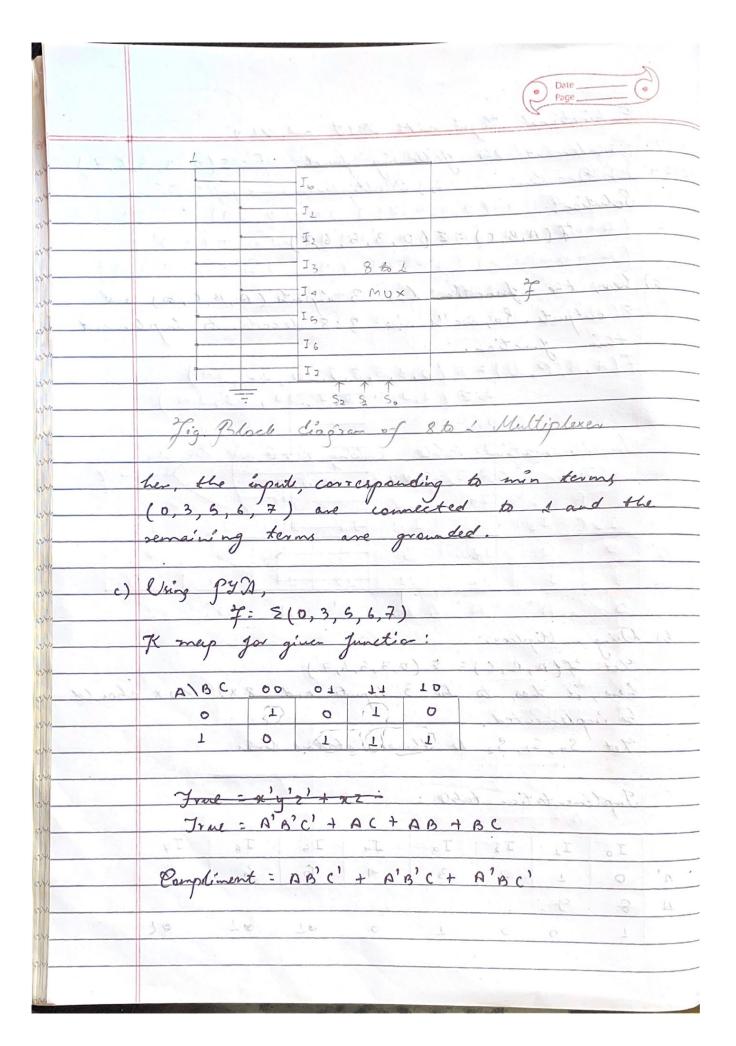
							N.
						Date	
	Toughtement the following function F: 5 (0, 3, 5, 6, 7)						
1.							
(2074	a) Decoler. b) Multiplexer c) Pyn. Solution: \$\f(A,B,C) = \(\int(0,3,6,7)\)						
<u>a)</u>	8 outputs. So, we'll use 3:8 decoder to implement						
	this junction.						
	7 19 17	7	2	7,14			
		Jo S Maria				2. 5. 7.	
		T ₁					
	2	I ₂					. 80
	70 2	-	8 8				- - - - - -
	13 2-		den	2.2		25.07	
	C. 2º	Is			1	- James	
	792	J ₂					
1		114	4		1 1317	, (1)	V
	Using multiplexes: Let 7(A,B,C)= 5 (0,3,5,6,7) here, it has to be 3 inputs and 8 x1 MOX should be independent to the						
	Implementation table:						
		DAHAA + DA + DIAIA - NA					
	Io Iı	I ₂ I ₃	Ja	Is	I6	I7	
A'	0) 1	2 1 (3)	0101	55	- 6	7	
A	8 9					1.	
	L 0	0 1	6	•7	· L	• 2	





	Date Page						
	here, No. of input braffers = no. of variable = 3 (i.e. A, B, C)						
	No. of programmable AND gate = No. of min terms = 4.						
	No. of programmable OR gate: = No. of output functions. = L.						
1	\mathcal{A}						
	B						
-							
	(A'A'C') AC (AB) BC						
	7						
F 70							
+ 9'							