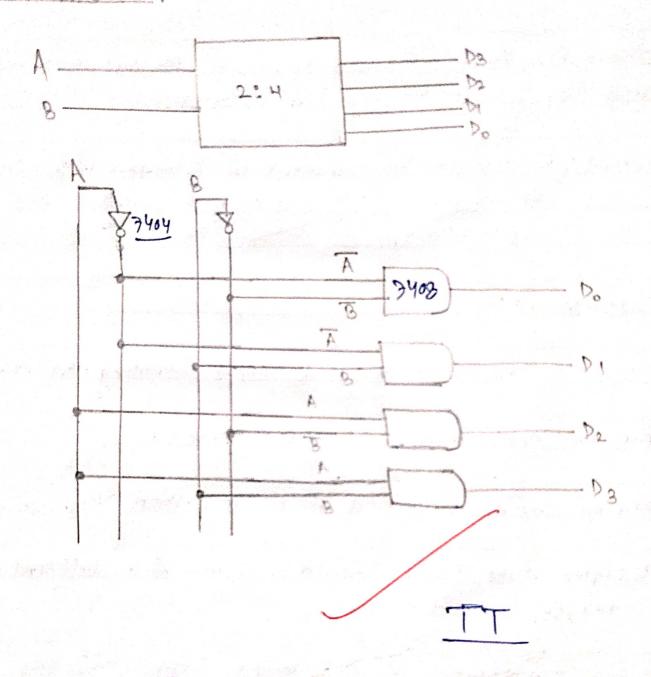
Logic Diagnom.



Expt.	No5	Page No. 17				
	E'	RERIMENT NO. +5				
	Atm: Implementation of and verify its	2:4 encodes Osing logic gates Hawth table.				
. (5)	Apparatus Requished:					
5,40	Name at companent	Specification Oty				
1,	NOT Gade	7404				
2.	AND Gate	7408				
3.	FED	4				
4.	Ropeilal	Harrichard & A. B. Harrichard				
5.	Baread board					
6.	Polnog Supply	5NDC 1				
	Theosy:					
	A decoder 18 a davice which penforms the operation as					
	It is a Combinational Circuit that Converts binary					
	information from n input lines to a maxim of					
	In digital electronics, decoder Can take the form of a					
	morthble input - morthble output where the input and					
	output Codes are different.					
		Teacher's Signature :				

INPUT		TUPTUO			
A	В.	Do	DI	02	03
0	0	1	0	0	0
. 0	1	0		0	0
, / x	0	0	0	1	0
		0	0	0	- 1
	.0 .24	AS	78	AB	VB

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Expt.	No. 5	Page No
	In Case of	f decoding all combination of two bits decoding
	Result:	2:4 decoder has been implemented and the
	Phecaution	2N8:-
i)	Check o	of the ICs before performing the experiment.
11)	Conne co	ground fight and then Ncc.
(iii	Switch	off the power lopply before making the Connection
B	All the	corrections should be tight.
22	11/2021	
		Teacher's Signature :