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Course - MCA (1st sem) FATHER'S NAME :- Jaihindra Singh

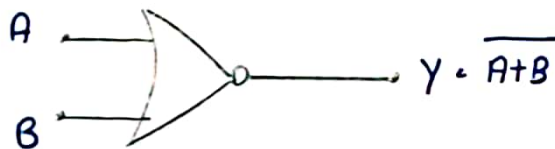
NOR GATE

NOR gate is a universal gate and we can perform functions of all basic gates using NOR gate.
It's full form is NOT-OR gate.

When all the inputs are low its output is high otherwise its low.
i.e. it is opposite of OR gate. IC no \Rightarrow 7402

$$Y = \overline{A+B}$$

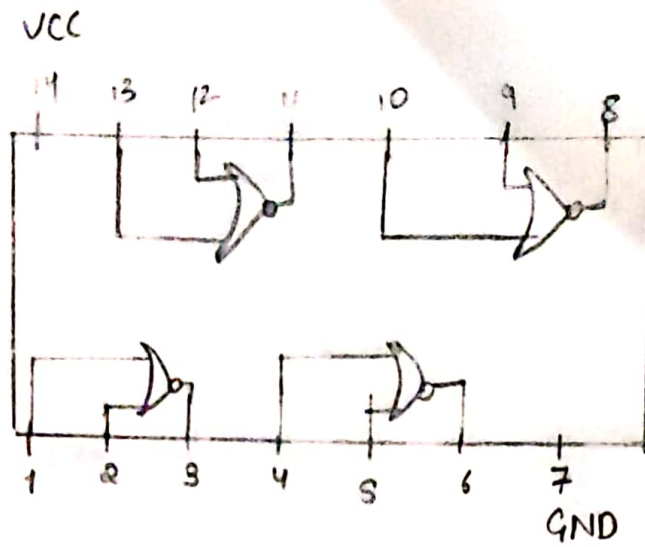
LOGIC DESIGN



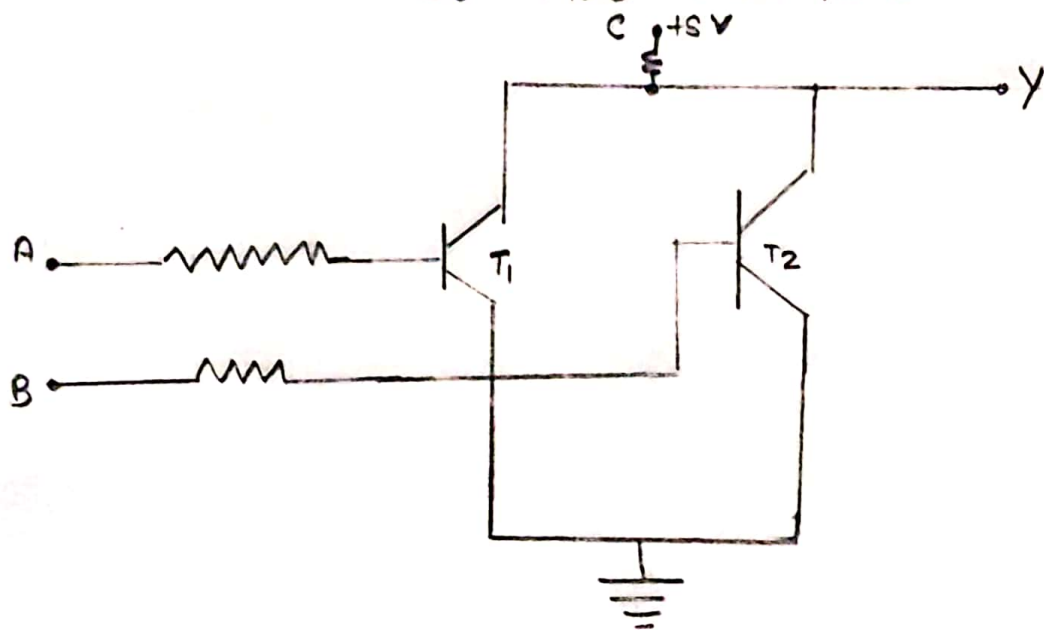
TRUTH TABLE

A	B	$Y = \overline{A+B}$
0	0	1
0	1	0
1	0	0
1	1	0

#mka.



IC - 7402 NOR GATE



circuit diagram

Prima.