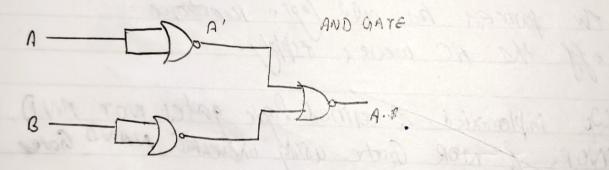
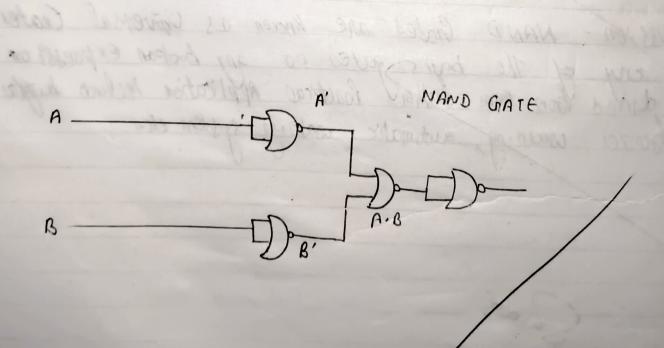
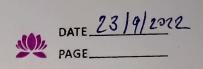


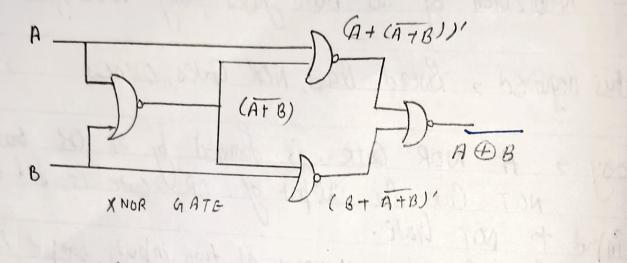
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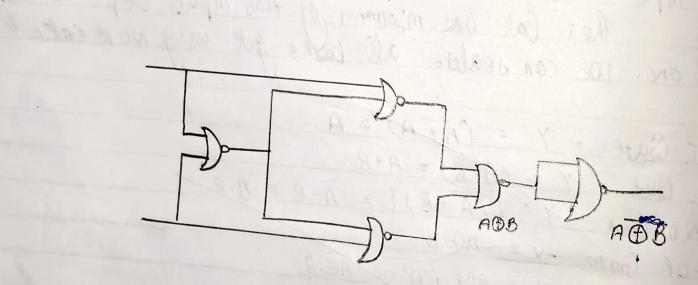


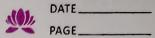




	Aim - Realization of all basic gates using NOR gate.
	Apparatus Reguised, Board, NOR Gates, coroses
	Theory > A NOR Gate & Loomed by an OR Gate follows by a NOT Gate the Output of OR Gate to fel as fight to NOT Gate.
	NOT Gode the Output of OR Gate to fel as
	Egget to NOT Gate.
	Those Coste has minimum of two inputs output is always one, we can realise all basic got using NOR cates.
	one, we can realise all basic got 45/19 NOR Cates
)	NOT Gate - Y = (A+A) = A
2)	OR Gat - Y z (A+B) z A+B
5	AND GOR-YZ [(A+B)]ZZ A·BZA·B
4	X-OR Coate -y = ADB
5)	X-NOR GODE - Y Z AB+ B'A' OF ABB
)	NAND GOLF - Y = A.B
	Porcedure
1)	Connect the town kit to love luft
1	() Connect the Nor Gate for any of the logge Egyation
	to be Satisfied.
-	connect the input of first stage to logic source and
	outing of last stage as gate to logic indicator
e	of Apply various input combination & observe outlied for each
	1) Apply various input combination & observe output too each







	The state of the s
5	Vorify the Bruth table has each input -output combination Repeat the Brocess has all logic functions Switch off AC Supply.
$ \hat{\mathbf{C}} $	Repeat the Boress has all logic hunctions
7	Switch off AC Supply.
	Result: - We simplemented a Verified logic good NOT, AND OR, NAND, XOR, X NOR USING MAD Gradue
_	NAND XOR X NOR USING NOW Grater
	The state of the s
	Discussion - the bodgen NOR function bowises a Single yet
	vital component of popic circuits, whether was as antol
1	give 1991c, DCB Miniagramization or souting samplification. The key applications include all phone, computing, STR ICDTV
	key applications include all phone computing STRICDIV
	Industrial Controllers etc.
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