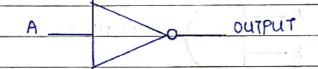
1	
No. of the	Quant V
	- CAPMING IXU
-	OR GATE: 1 1/001 AND COMMENTED BOOK OF THE PORT OF
	n state de our prins à 158 autorit, 43-30, 814, 624
1 4	THEORY: The OR gate is an electronic circuit that gives a ligh output (1) if more than one or one of the inputs is high. A plus (+) is used to show the OR operator
	ligh output (1) if more than one or one of the
	inputs is high. A plus (+) is used to show the
	OR operator
X 200	e don diam's diversely and the life the test of
^*	EXPRESSION: Y = A + B
. คร.เปม	rias G.M. sali sama as de la la 12 martina de la 126
	OUTPUT
	R OUTPUT
	d - A = 7 : W 1,2937 (X) *
4	10 NUMBER : 17432
	8
*	
	* IC KUMBER : FACE
-	Vcc Au By By Az Bz Bz
-	14 13 12 10 9 8
_	
	D 2 21 21 21 21 21
	2 3 4 5 6 7
	A1 B1 Q1 A2 B2 Q2 GND
(Sundaran)	FOR EDUCATIONAL USE
(Januarian)	

→ NOT GATE :-

* THEORY: The NOT gate is an electronic gate (circuit) that produces an inverted version of the input as its output. It is also known as an inverter. If the input variable is A, the inverted output is known as NOT A. It is represented as A' or Ā.

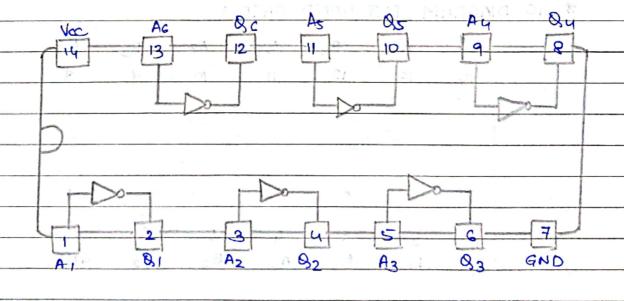
* EXPRESSION:

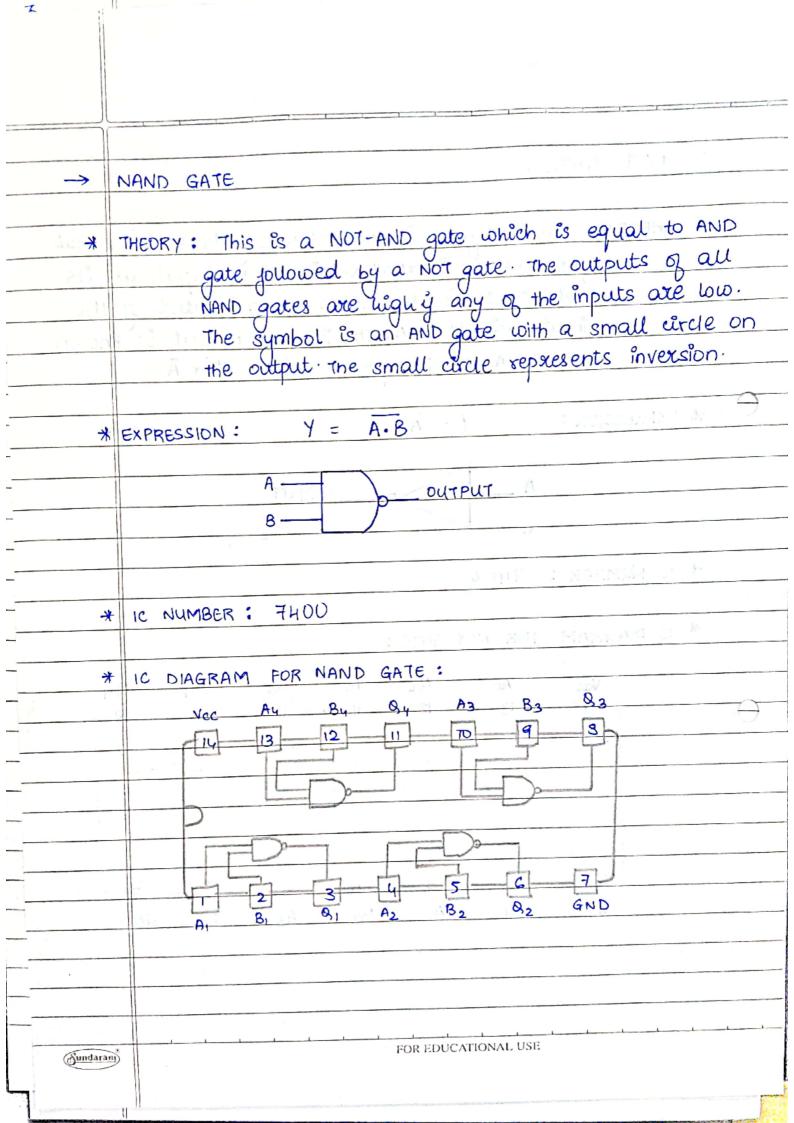
Y = AAAA

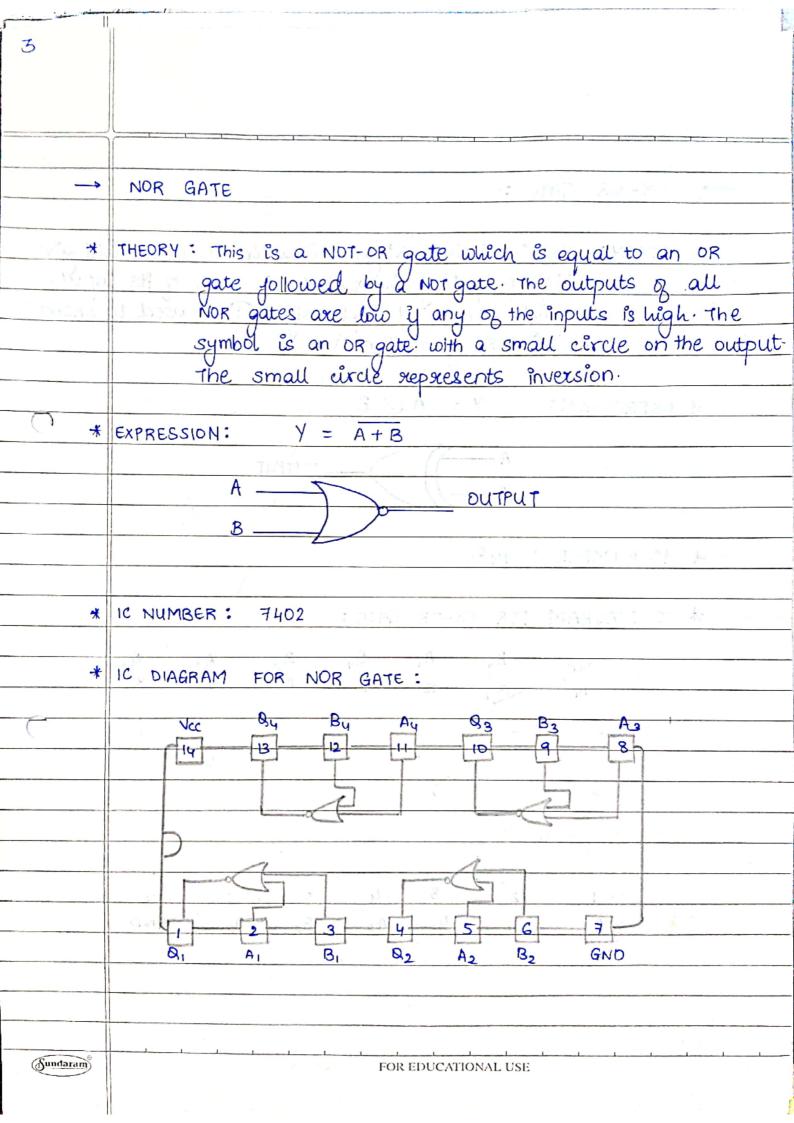


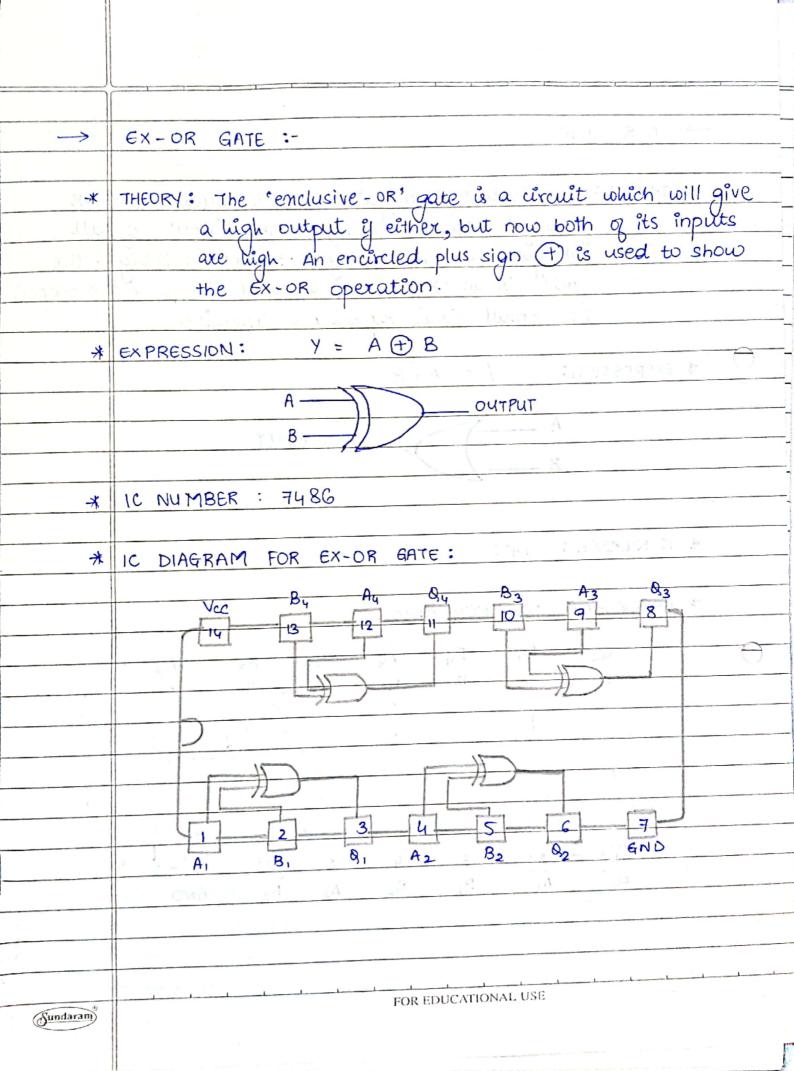
* IC NUMBER: 7404

IC DIAGRAM FOR NOT GATE:



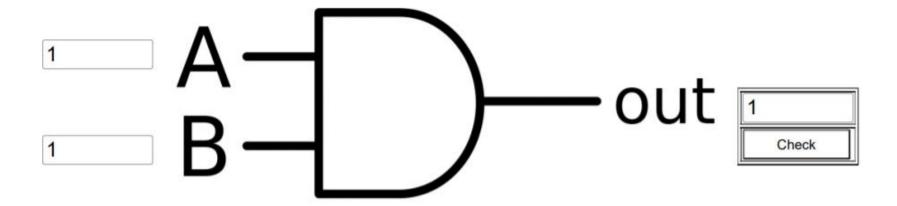






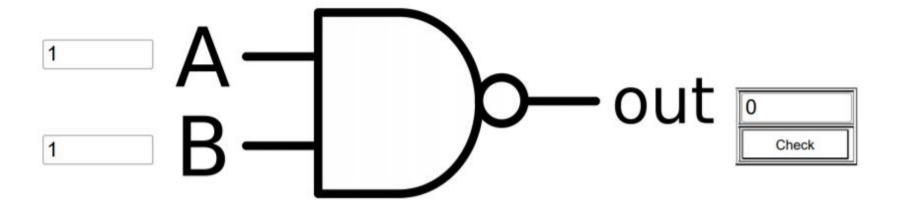
		Page: Date: / /
	>	EX - NOR GATE: -
		·
	*	THEORY: The 'emclusive NOR' gate circuit acts opposite to the
		EM-OR gate. It gives a low output il either, but not both
		of its two inputs are high. The symbol is an En-or
		gate with a small circle on the output. The small
		circle represents inversion.
	*	EXPRESSION: Y = A & B
-		B OUTPUT
+	*	IC NUMBER: 74266
•	*	10 DIAGRAM FOR EX-NOR GATE:
		N D D
		Vcc Au Bu Qu Q3 B3 A3
		D
		The state of the s
		[] [] [] [] [] [] []
		A1 B1 91 92 B2 A2 GND

Verification of truth table for AND gate



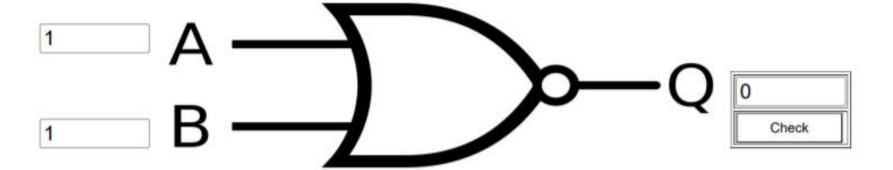
-1101	TH TABLE			Print
Serial No.	A	В	Output	Remarks
1	0	0	0	Correct
2	0	1	0	Correct
3	1	0	0	Correct
4	1	1	1	Correct

Verification of truth table for NAND gate



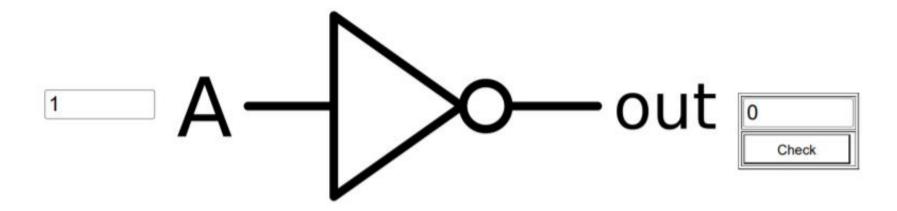
TRUT				Print
Serial No.	A	В	Output	Remarks
1	0	0	1	Correct
2	0	1	1	Correct
3	1	0	1	Correct
4	1	1	0	Correct

Verification of truth table for NOR gate



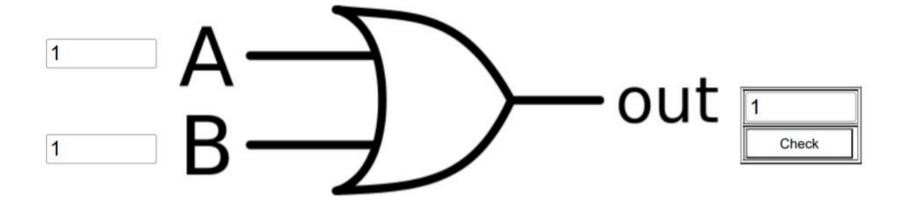
TRUTH TABLE				Print
Serial No.	A	В	Output	Remarks
1	0	0	1	Correct
2	0	1	0	Correct
3	1	0	0	Correct
4	1	1	0	Correct

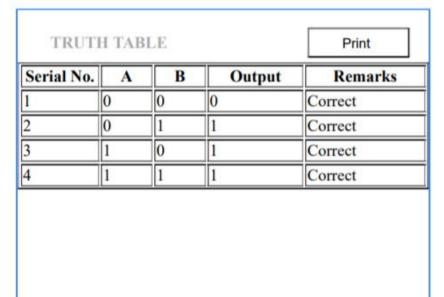
Verification of truth table for NOT gate



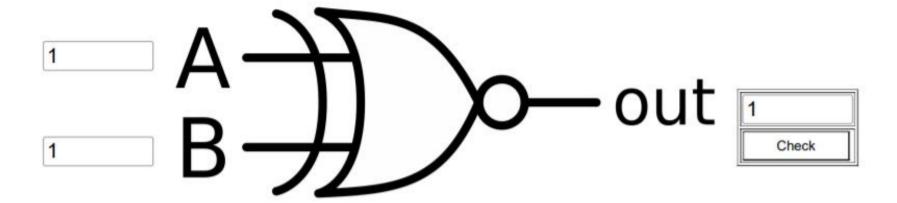
TRUTH TABLE Serial No. A Output Remarks 1 0 1 Correct 2 1 0 Correct

Verification of truth table for OR gate



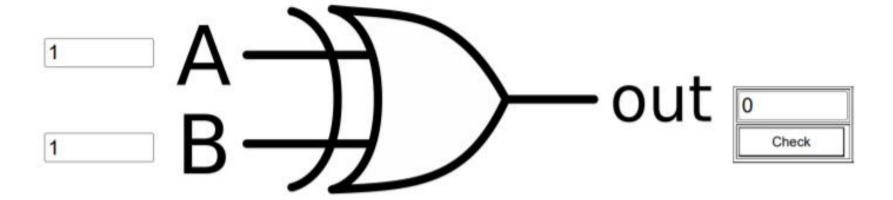


Verification of truth table for XNOR gate



TRUTH TABLE				Print
Serial No. A	В	Output	Remarks	
1	0	0	1	Correct
2	0	1	0	Correct
3	1	0	0	Correct
4	1	1	1	Correct

Verification of truth table for XOR gate



Serial No.	A	В	Output	Remarks
1	0	0	0	Correct
2	0	1	1	Correct
3	1	0	1	Correct
4	1	1	0	Correct