Name: - Shubh Blandwy Subject: - co Practical

Course :- MUA

Seir B

uni Pollm: - 2/01209

Working of NAND gate: - . The NAND gate is a spound type of logic got in the digital lagge creat.

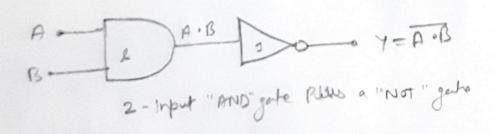
The NAND gate is universal gate.

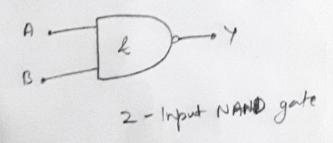
. The NAND gate to combination of NOT- and gato.

. The output state of the NAND gate will be low only when all the inputs are high.

· Samply, this gate returns the complement result of the AND gate.

Lagre Boolean Empression:



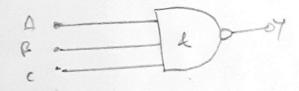


mput		ouput
A	B	7
0	0	1
0	1	١
1	0	1
1	1	. 0

The 3-Proput NAND Gate!

ghat.

Logic Design:



Truth Table !-

gipt 1	Imput 2	Supert 3	output
A	B	C	1
00	0	1	i
0	1	0	1
0	0	0	1
	0	1	1
		0	0

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