NAME = SURAT RAWAT Roll No = 2101234 Course & McA Sem = Ist Sec > B A Nand gate is a logico gate that produces a low output Only if all its inputs are turc and high Output (i) the NAND gate is the inverse of an AND gate, and its circuit is produced by connecting an AND gate to a NOT gate The NAND gates are known as universal gates. =) logical construction of the NAND gate. ANDgate NAND Gate.

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Inputs		output
A	B	$X = \overline{A \cdot B}$
0	0	1
0	1	1
1	0	1
1		0

working of NAND gate.

The NAND gate is a logice gate which produces an output which is false only if all its inputs are true, thus its output is complement to that of an AND gate. A low(0) output results only if all the inputs to the gate are High