		,		-	GE NO : TE : / /		
					^		
	7	Objective = Discuss the help	the	working o Circuit diag	* NAND	d truth	961
	>	NAND GATE = The	NAND	Gate has			
		noes "Lo	w(1)	1 1/2 10	vel "O" i ic devel	Then all	19
-		Tof it	inputs	2040 109	<u> </u>		
	- >	Jaguam =	Ao	0-	_	= A-B	
		Both					
		NAND gate Equivalence:					
		$A \circ Q = AB$					
		B 0					
`	う	Truth table of NAND gate					
	twoth table						1
			β	A	Q		+
			0	1	1		
			1	0	1		_
		1.5	1	1	0	NO= 0	+
			Kego	l as A and	B gives	NOT Q	-

PAGE NO:

DATE: / /

MAND gate can be more than two inpots,

like 3, 4, input NAND gate.

if both the input of nand gate ane "O"

then the nesult will be "O" V=1", on if

both the input of nand gate ane "1" then

the nesult will be "O". If one input 15 0 and the other input is 1 it will give t as an output. Advantage of NAND gate: NAND gates are cost effective device and they
have more storage capacity as por there
size

High endurance and bourability Disadvantage of NAND gate: When compared with the WOR gate the NAND memony anchitecture and spend are less