- John Market	Kashmala Nadeem)
	Physics Assignment
	Week 8
	Short Questions
	Q ₁
	Operating amplifier is used as an
	inverting configuration undervirtual ground
	conditions. Under ideal conditions V, & V
	if v ₁ = 0 the virtual ground ensures
	V_= a .
	Tim = Ig
	1
	Q:
	Connect both inputs of NAND gate
	together (N=B)
1	A Output (x) = A = A
	1-0
	NAND gate behaves like a not gate.
	<u>Оч</u>
	Given:
	Vcc= 94,7c=10m1, B=100, VBE=20-6V

, ATROST	ECT OF LAHORE GRAMMAR SCHOOL :- Student Name:
	Sol:- 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	TR=IC , 10×103 = 0.1 wA
	188 = 100-188 = 4-0.6 = 8.41
	inoduseld traff.
	RB = Ven = 8.4 = 84kn
	10 0.17/0-3
ĺ	Q 5
	Truth toble
1	A & A+B A+B X-(A+B)(A+B)
	2 0 0 1 0
	0 1 1 1
	+ 0 1 0 0
-	
	1 18 + 1B -
	. 3
. 1	Q ₁
	1 0 1 B-designed
	+٧α
	Or The YE
	W2 The Control of the
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