	Assignment #2
District Control of the Control of t	Roll-no: 20K-0409
	Name: Mukand
THE RESERVE OF THE PARTY OF THE	F(A,B) = \(\left(0, 1, 2, 3 \right) \) Solve
	$\overline{\mathbf{c}}$
	Ā/10/1)
	$A(1_2/1_3)$
Track the second	F(a,b)=1.
	Q2:
	(A+B) + = Simplify
$\left(\begin{array}{c} c \\ \end{array}\right)$	(A+B). C
17)	(A+B). C.

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03
Solution
Circuit is connected to
inputs of XOR gate Failure
in one of the into
circuit produces different output
and causes in put of XOR
to be at opposite level.
This condition produces
failure in one of circuits
ciraut A high
Cirau high
circuit B I
low indicates
Failure
Tallone

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QY	
How NOR is equal	
to -ive AND?	
N100 +	
NOR gate can be used	-
On HNI) operation	
that requires to inputs to	-
produce high output. This	
espect of NOR operation	
is called Negative AND.	1 2
Truth tables	
NOR AND	-
ABX ABX	
000 000	
010-010	
100. 100	
1 1 0	
	- 1
But when the NOT is applied to	
inputs of AND gate it behaves like	
NoRgate -ive AND	
A BX	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
ラーヨー・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・	
NOR -IMAND LOD	
NOR SIMPAND.	

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