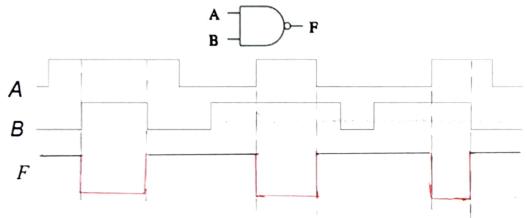
CSC 220: Computer Organization Tutorial-2: Solutions

Q1: Given the web-forms for input A and B for the following NAND gate. Draw the output web-form for F.



AB

T + (A.B.CD) = ABCD + ABCD + ABCD + ABCD + ABCD + ABCD + ABCD

Q5.

Price	il	(a)	A DO F
A	B "	AB	E
0	O	1	0
0	1	1	0
1	0	1 0	0
1	١	0	1

So, circuit (a) and (b) are logically equivellent.