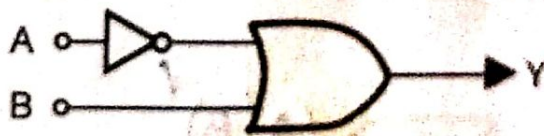


EXERCISE 2 (e)

1. What is the Boolean equation for the following circuit ?



2. Express the output Y as a Boolean expression in the inputs A, B, C for the logic circuit
- (i) $Y = AB' + B'C$ (ii) $Y = AB' + A'C$
3. Express the output Y as a Boolean expression in the inputs A, B, C for the logic circuit
- (i) $Y = (A + BC)' + B$ (ii) $Y = (A'B)' + (A + C)'$