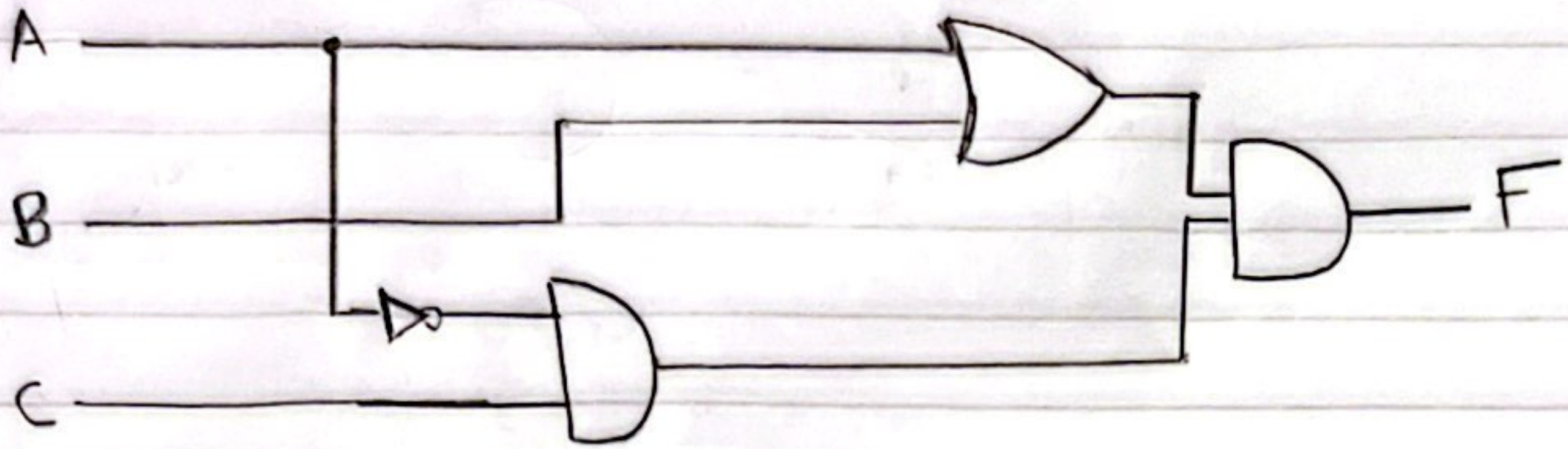


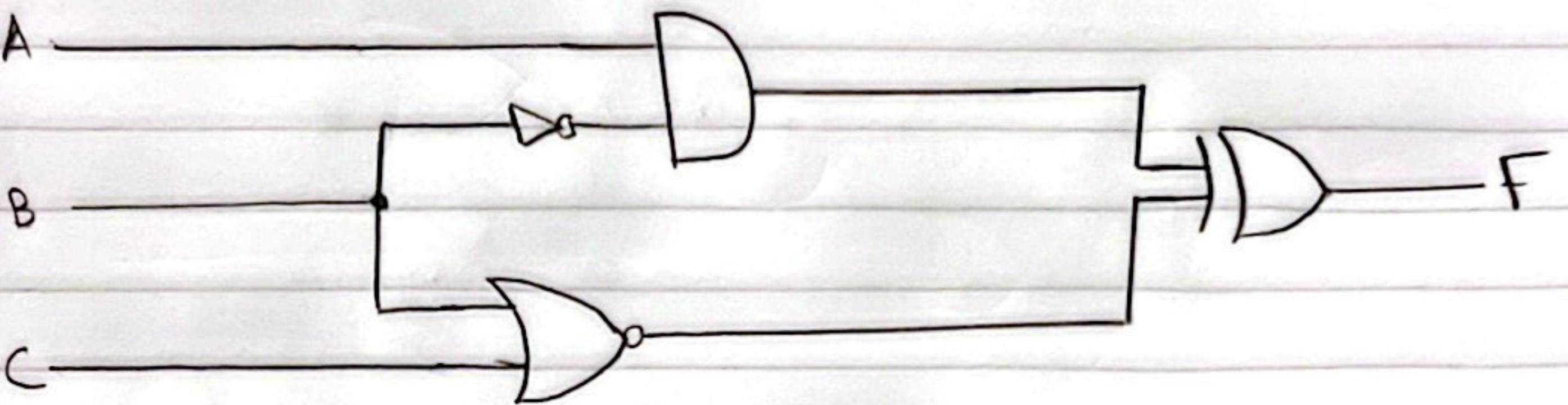
Digital Design I, Test Circuits

1.)



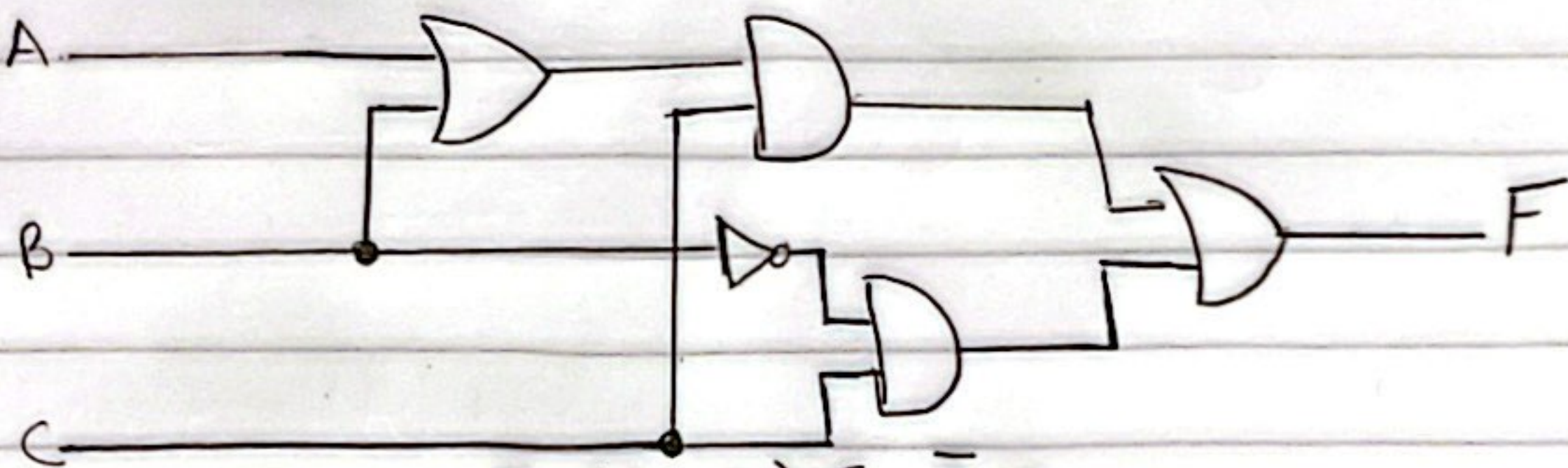
$$F = (\bar{A} \cdot C) \cdot (B + A)$$

2.)



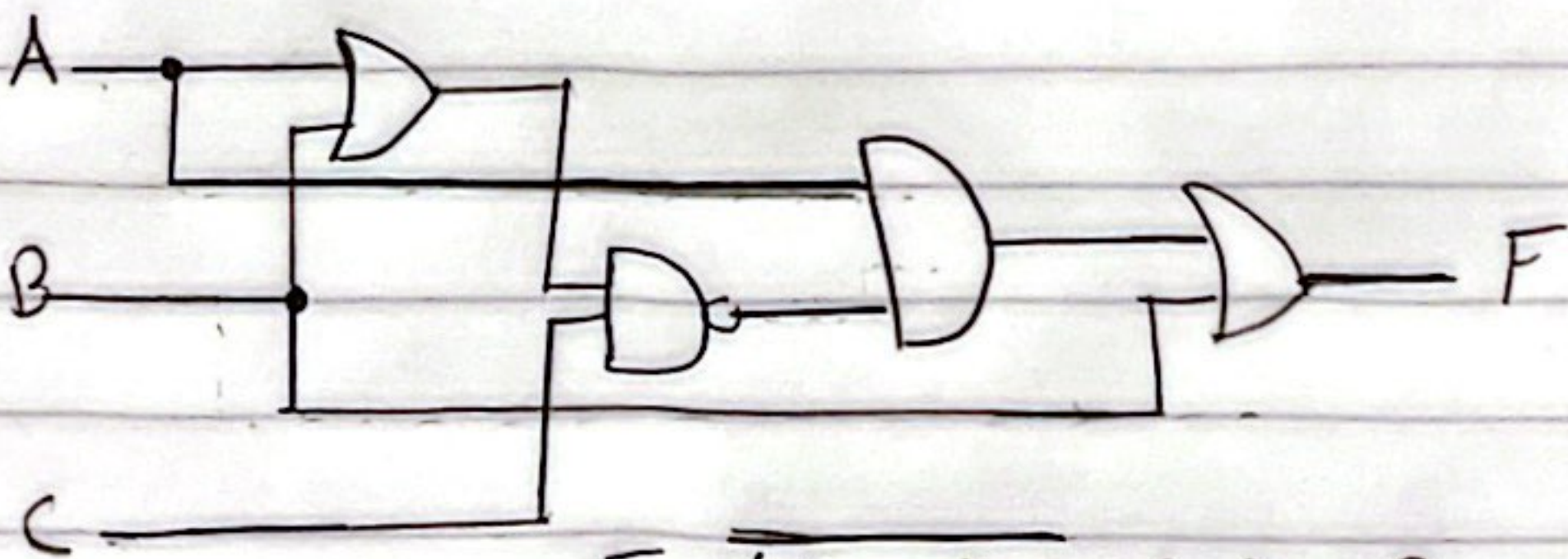
$$F = (A \cdot \bar{B}) \oplus (B + C)$$

3.)



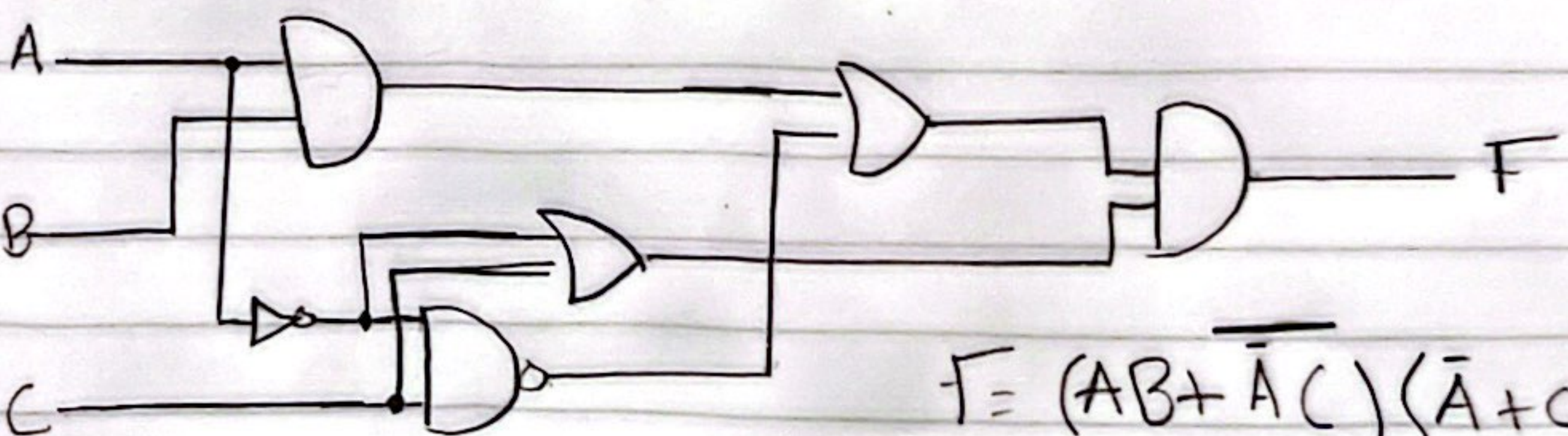
$$F = (A + B)(C + \bar{B}C)$$

4.)



$$F = \overline{(A + B)C} (A) + B$$

5.)



$$F = (AB + \bar{A}C)(\bar{A} + C)$$