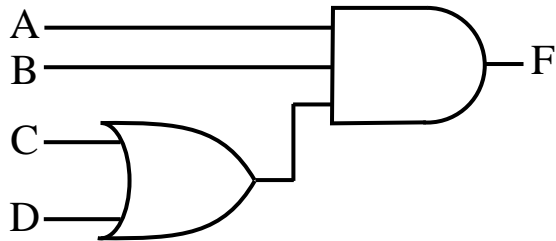


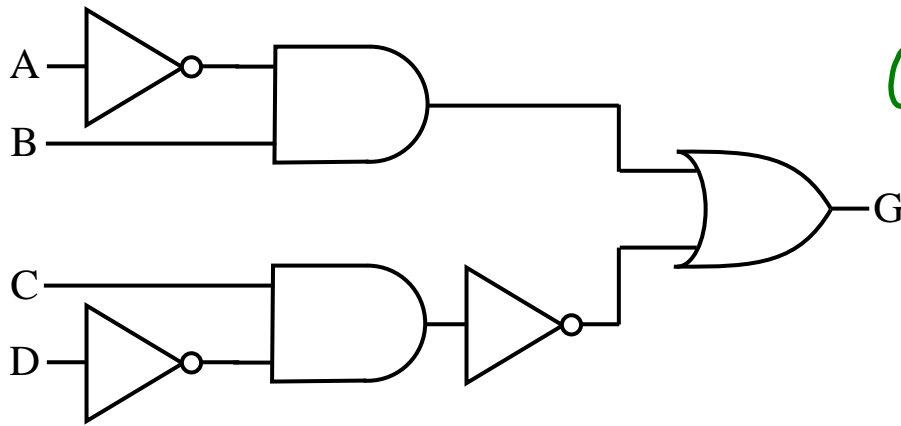
For each of the following logic circuits find the Boolean expression for F . (Please do not reduce the expressions – leave them in the un-simplified form obtained directly from the logic circuits.)

a)



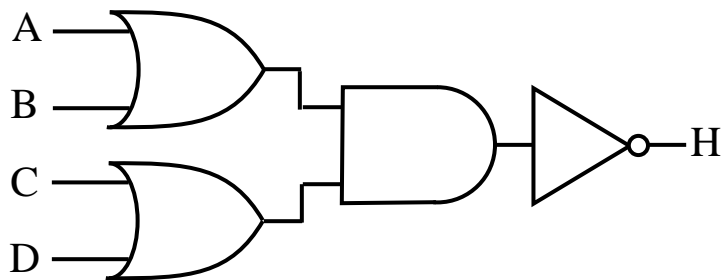
$$F = A + B + CD$$

b)



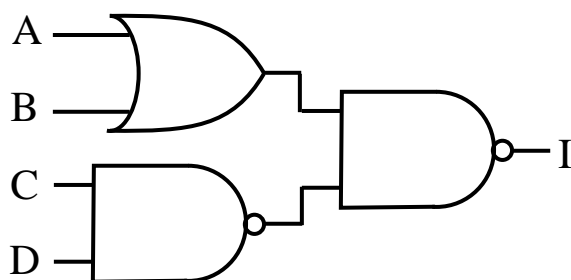
$$G = (A' + B)(C + D)'$$

c)



$$H = (AB + CD)'$$

d)



$$I = (AB + (C + D)')'$$