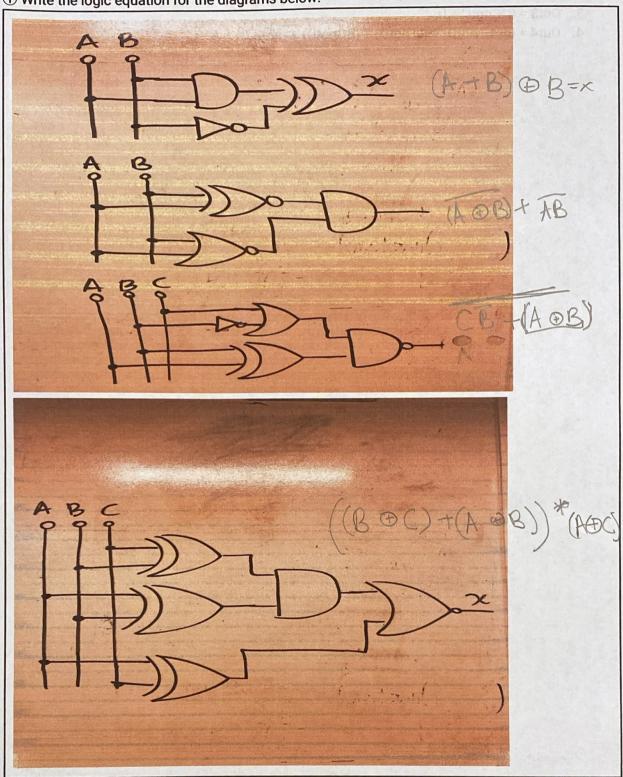
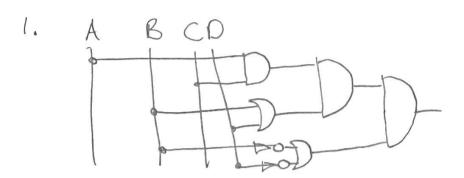
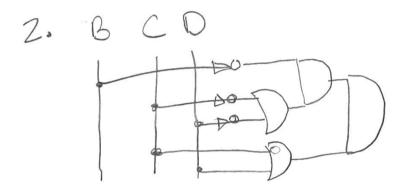
① Write the logic equation for the diagrams below:

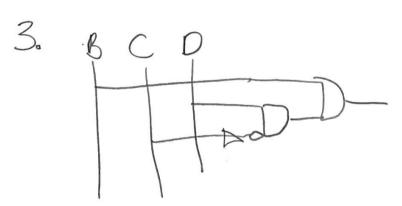


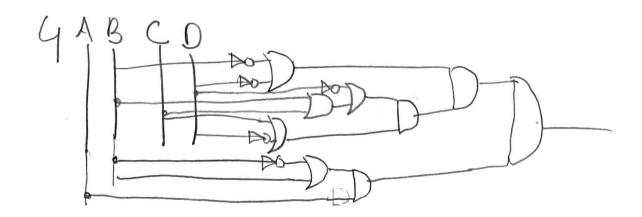
- ② Draw the diagram for the logic equations below:
 - 1. Out1 = A + C + BD + (notB notD)

- 2. Out2 = notB + (notC notD) + CD
- 3. Out3 = B + notC + D
- 4. Out4 = (notB notD) + (C notD) + (BCnotD) + (notB C) + A









③ Simplify the K-map Tables below and write the logical equations:

Table 1

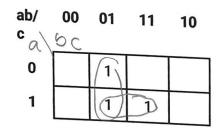


Table 2

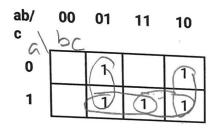


Table 3

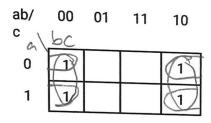


Table 4

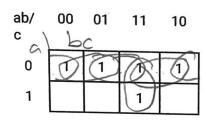


Table 1

