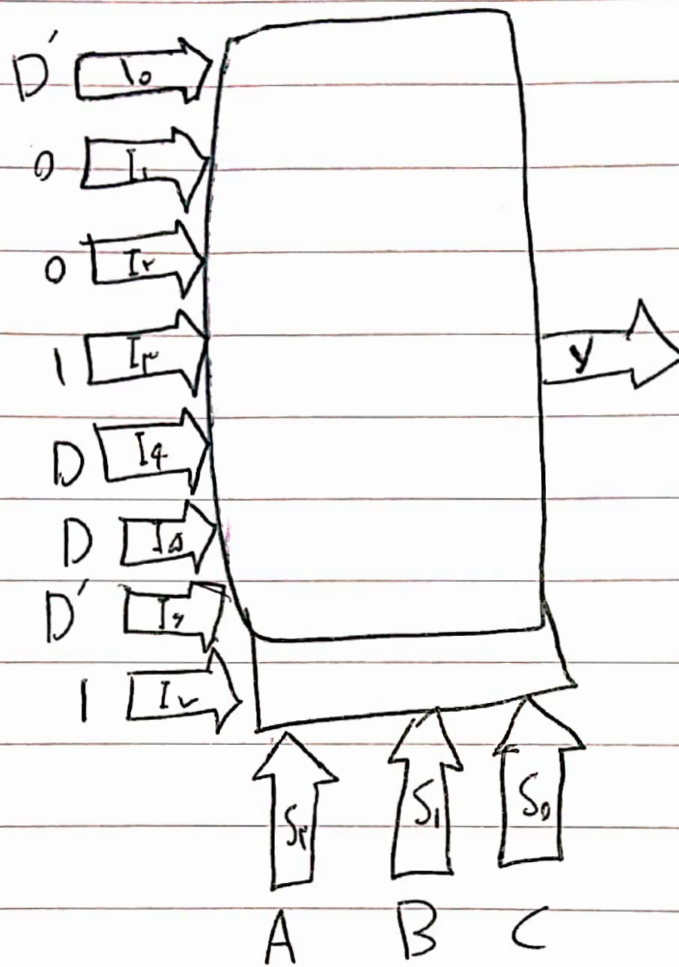


سؤال (۱)



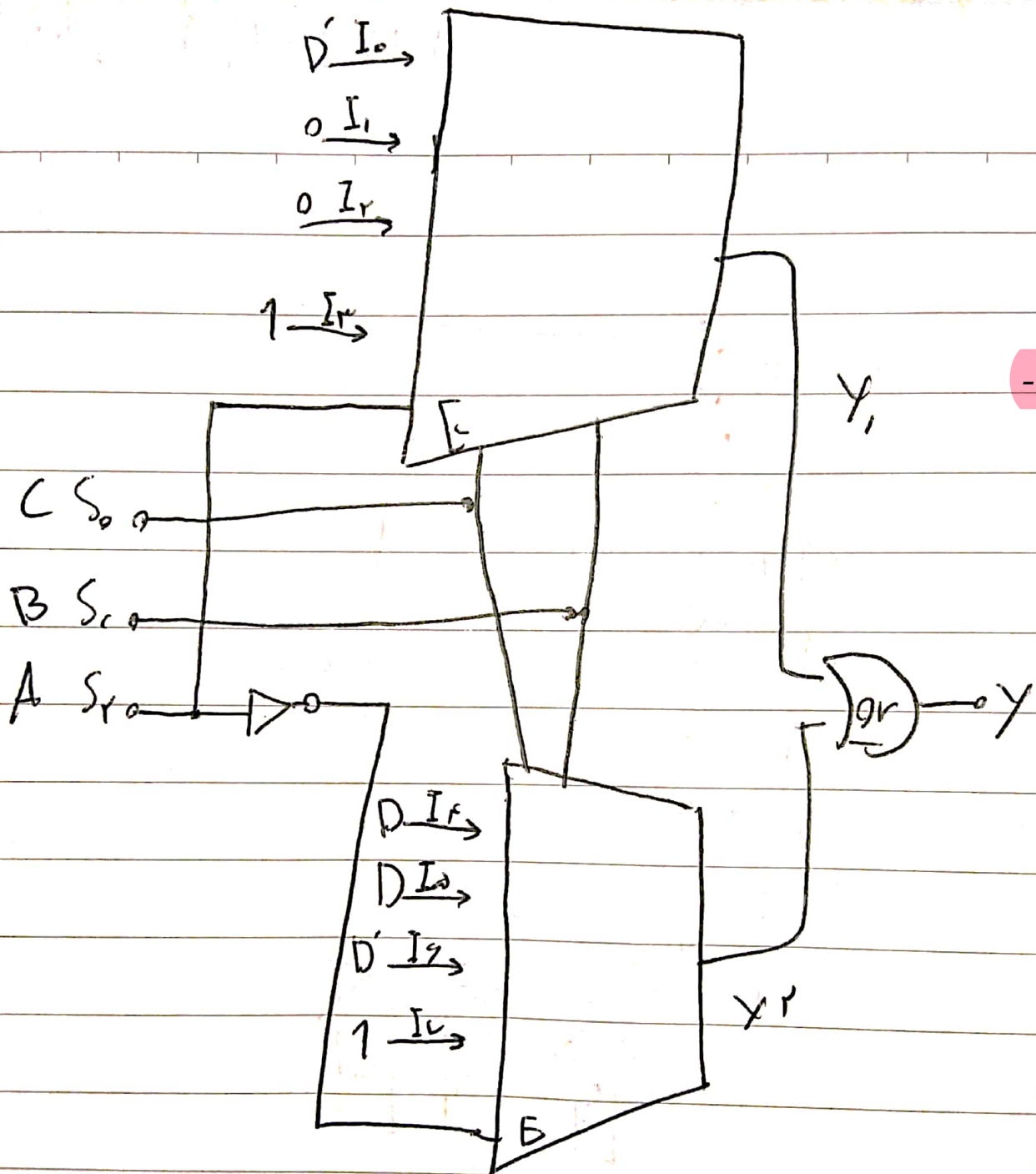
الف

$$Y = \bar{S}_0 \bar{S}_1 \bar{S}_2 I_0 + \bar{S}_0 \bar{S}_1 S_2 I_1 + \bar{S}_0 S_1 \bar{S}_2 I_2 + \bar{S}_0 S_1 S_2 I_3 +$$

$$S_0 \bar{S}_1 \bar{S}_2 I_4 + S_0 \bar{S}_1 S_2 I_5 + S_0 S_1 \bar{S}_2 I_6 + S_0 S_1 S_2 I_7$$

$$= \bar{C} \bar{B} \bar{A} D' + \bar{C} \bar{B} A D + \bar{C} B \bar{A} D + \bar{C} B A D' + C \bar{B} \bar{A} D + C \bar{B} A D' + C B \bar{A} D + C B A D'$$

2



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