

A B C S C

0 0 0 0 0

0 0 1 1 0

0 1 0 1 0

0 1 1 0 1

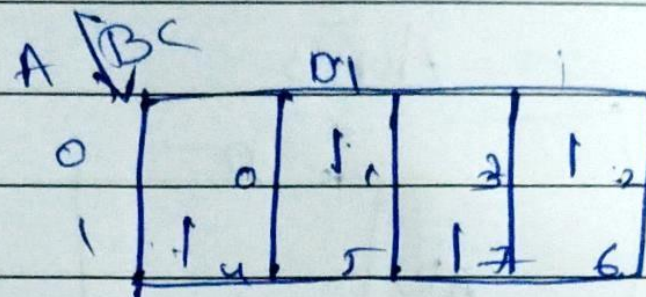
1 0 0 1 0

1 0 1 0 1

1 1 0 0 1

1 1 1 1 1

S =



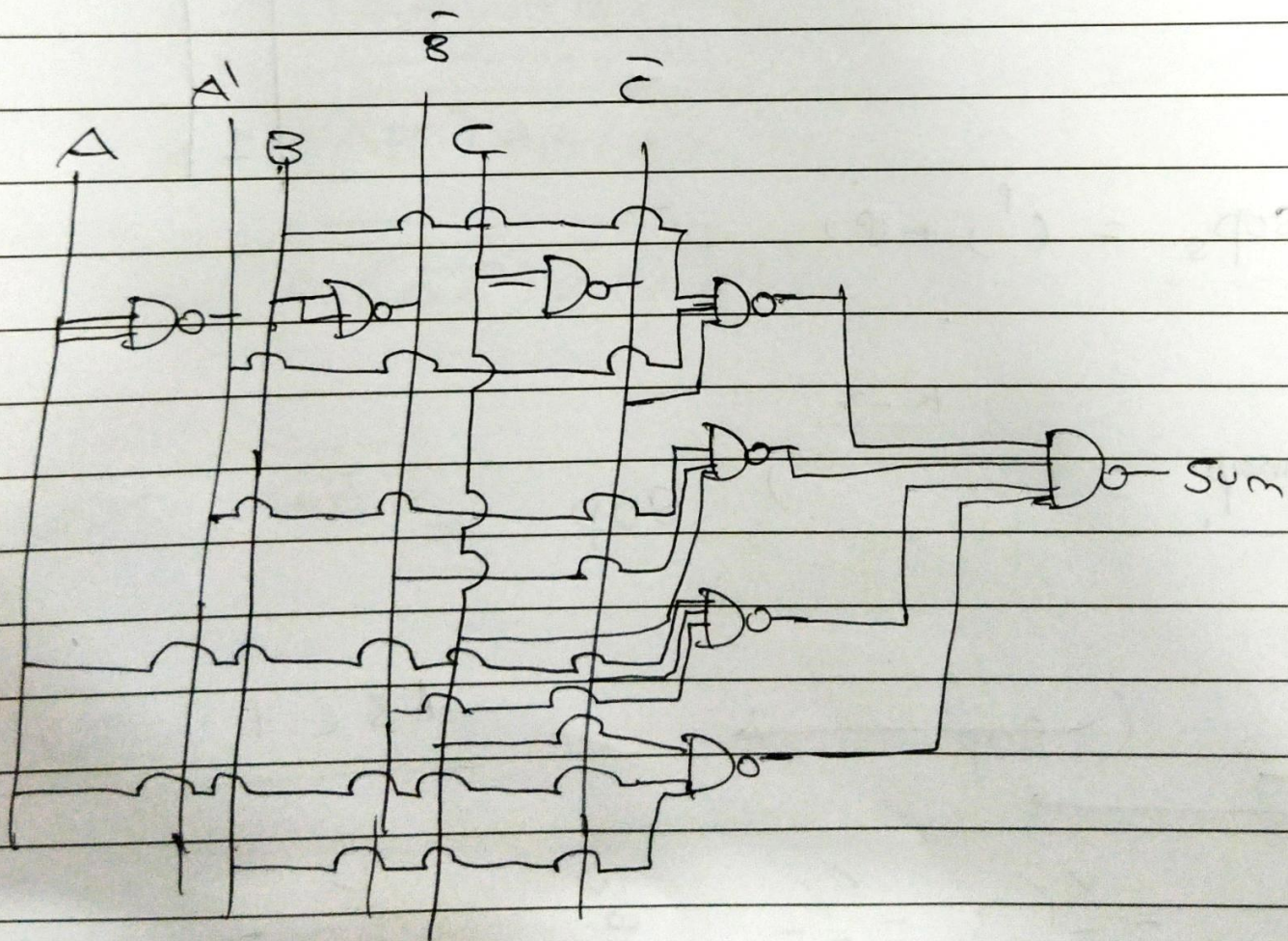
$$= A\bar{B}\bar{C} + \bar{A}\bar{B}C + ABC + \bar{A}BC$$

$$S = A \oplus B \oplus C$$

$$C = AB + (A \oplus B)C_{in}$$



$$S = \bar{A}B\bar{C} + \bar{A}\bar{B}C + A\bar{B}\bar{C} + ABC$$





$$\text{Carry} = AB + BC + CA$$

