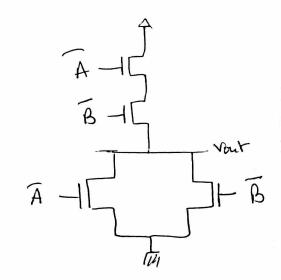
(b) 
$$S = \overline{A}B + A\overline{B} = A \oplus B$$
  
 $C = AB$ 

(c) 
$$S = \overline{A}B + A\overline{B} = \overline{\overline{A}B + A\overline{B}}$$

$$= (\overline{A} + \overline{B})(\overline{A} + B).$$

$$C = AB = \overline{AB} = \overline{\overline{A}_{+}\overline{B}}$$

(d) 
$$S = \overline{(A + \overline{B})(\overline{A} + B)}$$



$$C_{K}$$
 $A^{VDD}$ 
 $A^{VDD$ 

$$(3) (6) F = D + A(B+C)$$

