

6.10 For the function $F(a, b, c) = a'c + ac + a'b$, determine all prime implicants and all essential prime implicants of the function.

		bc			
		00	01	11	10
a	0	0	1	1	1
	1	0	1	1	0

$a'b$ and c are both prime implicants and essential prime implicants