

Kmap question

1.

$$F(A, B, C, D) = \sum m(0, 1, 2, 5, 7, 8, 9, 10, 13, 15)$$

2.

Minimize the following boolean function-

$$F(A, B, C, D) = \sum m(0, 1, 3, 5, 7, 8, 9, 11, 13, 15)$$

3. $F(P, Q, R, S) = \sum 0, 2, 5, 7, 8, 10, 13, 15$