Name: Sk. Sabit Bin Mosaddek

ID: S201805106

① $f(P, Q, R, S) = \Sigma(1, 3, 4, 6, 9, 11, 12, 14) + d(0, 5, 7, 13, 15)$

From K-Map, the simplified size function is,

$$f(P, Q, R, S) = Q + S$$

$f(P, Q, R, S) = Q + S$