

## 논리회로 과제 8-2

$$\begin{array}{c}
 \overline{a} \\
 \boxed{b} \\
 \overline{c} \\
 \overline{d}
 \end{array}$$

A:  $d=0$  ( $\overline{F_1}$ )

B:  $a, b=0$  ( $\overline{F_2}$ )

C:  $a, b, c=0$  ( $\overline{F_3}$ )

D:  $a, f=0$  ( $\overline{F_4}$ )

E:  $b, c=0$  ( $\overline{F_5}$ )

F:  $b, c, d=0$  ( $\overline{F_6}$ )

|   | A | B | C | D | a | b | c | d | e | f | g |
|---|---|---|---|---|---|---|---|---|---|---|---|
| A | 1 | 0 | 1 | 0 | 1 | 1 | 1 | 0 | 1 | 1 | 1 |
| B | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | 1 | 1 |
| C | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 1 | 0 |
| D | 1 | 1 | 0 | 1 | 0 | 1 | 1 | 1 | 1 | 0 | 1 |
| E | 1 | 1 | 1 | 0 | 1 | 0 | 0 | 1 | 1 | 1 | 1 |
| F | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 1 |