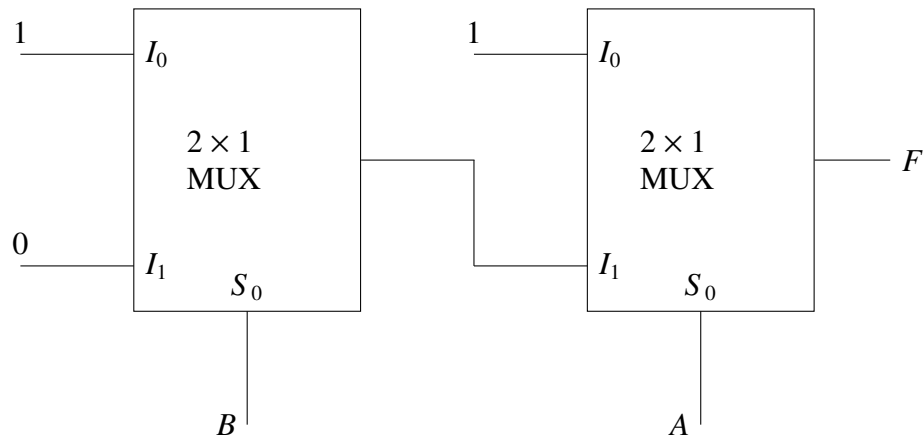


# GATE:IN-23-2022

EE23BTECH11048 - P Venkata Chanakya

**Question** The output F of the digital circuit shown can be written in the form \_\_\_\_\_



- 1)  $\overline{A \cdot B}$
- 2)  $\overline{A + B}$
- 3)  $\overline{A + B}$
- 4)  $\overline{A \cdot B}$

IN 2022

**Solution:**

Truth table for the following digital circuit

A	B	F
0	0	1
0	1	1
1	0	1
1	1	0

$\Rightarrow A$  and  $B$  are correct choices