

GATE:EC-27-2022

Anantha Krishnan

I. QUESTION

Select the boolean function(s) equivalent to $x + yz$, where x, y and z are Boolean variables, and $+$ denotes logical OR operation.

- 1) $x + z + xy$
- 2) $(x + y)(x + z)$
- 3) $x + xy + yz$
- 4) $x + xz + xy$