

# GATE EC2022,27

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November 23, 2023

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

(A)  $x + z + xy$

(B)  $(x + y)(x + z)$

(C)  $x + xy + yz$

(D)  $x + xz + xy$