

CBSE NET July 2016 PAPER II

DATA STRUCTURE

Q. Which of the following logic expressions is incorrect ?

(A) $1 \oplus 0 = 1$

(B) $1 \oplus 1 \oplus 1 = 1$

(C) $1 \oplus 1 \oplus 0 = 1$

(D) $1 \oplus 1 = 0$

Ans :- (C)

Explanation:-

In XOR gate, in case of 2 inputs, both the input should be different and in case of 3 inputs the number of 1s in the input should be odd.

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