Related Questions with Solutions

Questions

Quetion: 01

If $(1 + x + x^2)^{2n} = a_0 + a_1x + a_2x^2 + \ldots$ then the value of $a_0 - a_1 + a_2 - a_3 + \ldots$ is-

A. 2^n

B. 3^n

C. 1

D. 0

Solutions

Solution: 01

put $x = -1$ in the expression

$1 = a_0 - a_1 + a_2 - a_3 + \ldots$

Correct Options

Answer:01

Correct Options: C