**Answer:** **(B)**   
  
**Explanation:** The worst case of QuickSort occurs when the picked pivot is always one of the corner elements in sorted array. In worst case, QuickSort recursively calls one subproblem with size 0 and other subproblem with size (n-1). So recurrence is

T(n) = T(n-1) + T(0) + O(n)

The above expression can be rewritten as

T(n) = T(n-1) + O(n)