**Answer:** **(A)**   
  
**Explanation:**

T(n) = cn + T(n/3)

= cn + cn/3 + T(n/9)

= cn + cn/3 + cn/9 + T(n/27)

Taking the sum of infinite GP series. The value of T(n) will

be less than this sum.

T(n) <= cn(1/(1-1/3))

<= 3cn/2

or we can say

cn <= T(n) <= 3cn/2

Therefore T(n) = (n)