Question No : 14 of 52 Marks: 1 (Budgeted Time 1 Min)

If $1+2+3+\text{L}\ +n=\frac{n(n+1)}{2}$ for all integers $n \geq 1$ then $P(k)$ is

Answer (Please select your correct option)

- $1+2+3+\text{L}\ +k=\frac{k(k+1)}{2}$
- $1+2+3+\text{L}\ +n=\frac{n(n+1)}{2}$
- $1+2+3+\text{L}\ +(k+1)=\frac{(k+1)(k+2)}{2}$ correct
- $1+2+3+\text{L}\ +(k-1)=\frac{k(k-1)}{2}$