CP OY

A no. 10  $\Rightarrow \alpha_n = \left(1 + \frac{1}{n}\right)^{n^2}$ 

Ordinary Comparison test

6 bn = (1+1), 05 bn 5 an, n >1

Ibn divergen karena noo bn =1 +0

maka Zan divergen 🖾

B no. 10

 $(-1)^{n}(x-2)^{h} = (2-x)^{h}$ 

Rottio test

L.  $q_{n+1} = \lfloor (2-x)^{n+1} \rfloor$   $n = \lfloor (2-x)_n \rfloor$   $n \to \infty$   $n \to \infty$ 

agar Ean konvergen 120 anti <1

 $L (2-x)h < 1 \rightarrow 2-x < 1 \rightarrow x > 1 \bigcirc$ 

maka konvergen setya {x | x ∈ Z ∧ x > 1}