In a quant test of CAT Enam, the population standard deviation is known to be 100. A sample of 25 tests taken has a mean of 520 Construct 80% CI about T = 100, $\eta = 25$, $\bar{\pi} = 520$, $\alpha = 0.1$ ×0/ Point Estimale + Margin of Evror ntz T 520 Za1 = 1.28

Juanne 122 Cower fence = $\overline{n} - \overline{z_2} = \overline{m}$ $-520 - 1.28 \left(\frac{100}{\sqrt{25}} \right)$ = 520 - 1.28 520 - 1.28 x 20 520-25.6 520 + 1.28 100 Higher fence = 1.28×20 001 520 + 256 00 545.6