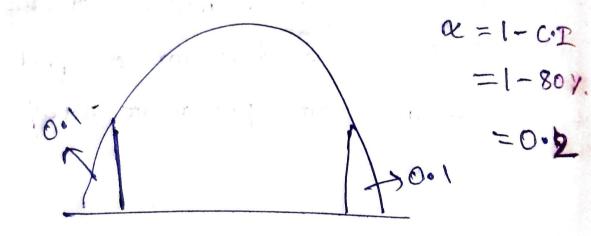
Assignments

In the Quant test of CAT exam, the population Standard deviation is known to be 100. A sample of 25 test takes has a mean of 520. Constr.



$$\Rightarrow$$
  $\chi + Z_{\chi_2}(\overline{vn})$ .

$$0.9$$

$$= |Z_{0.1}|$$

$$\Rightarrow |.29$$

> Lower fence = x = Zx2 T  $= 520 - 1.29 \left(\frac{100}{\sqrt{25}}\right)$ = 520-1.29(20) = 494.2 => Higher Fence = x + Z for = 520 + 1.29 (100 ) = 520 +1.29(20) = 545.8 Reject the Reject the Null Hypothesis Hypothesis