Assignment

Duy: 2. In a quant test of the CAT Exam, the population standard deviation is known to be 100. A sample of 25 about the mean?

$$\sigma = 100$$
 $n = 25$
 $\overline{x} = 520$
 $c = 1 - 80$
 $c = 1 - 80$
 $c = 0.2$

The state of

$$\Rightarrow 1 = 0.9$$

$$\Rightarrow 1.29$$

$$= 520 - 1.29 \left(\frac{5}{\sqrt{n}}\right)$$

$$= 520 - 1.29 \left(\frac{100}{\sqrt{25}}\right) = 520 - \frac{129}{5}$$

$$= 520 - 25.8 = 494.2$$

Higher Jence =
$$\pi + Z_{\frac{1}{2}}(\frac{\sigma}{\sqrt{n}})$$

= $520 + 1.29(\frac{100}{\sqrt{25}})$

= $520 + 25.8 \Rightarrow 545.8$

L.F = 994.2

Accept