10.6 (a).
= 1 - P( y=18  < 4   P=.5) $= 1 - P( y=15 , 16, 17, 18, 19, 20, 21   P=.5)$ $= 0.243.$
$\frac{(b)}{b} = \frac{P(Y+8) < 4}{P = 0.7}$ $= 0.092.$
10.18 Ho: M=13.20 Ha: M 3.20</th
Rejection relation at $\Delta = 0.01$ is. $\frac{y-13.20}{2.5/540} = \frac{20.01}{3.5}$
$\Rightarrow \text{ puthing in the value of } \hat{y} = 12.20.$
-2.52 < <del>20.0 =2.33</del>
Therefore, me reject 1-10.