(4)
$$\chi_{d}^{2}(|\xi|) = 7.26$$
=> $d = 0.95$

(7)
$$F_{0.05}(6.7)$$

$$= \frac{1}{F_{0.05}(7.6)} = \frac{1}{4.21} = 0.238$$

21. (1)
$$\hat{p} = \frac{105}{250} = 0.42$$

$$042 \pm \frac{7}{2005} = 0.42$$

= 042±1.645 x403 = 0.42 ± 0.05 => (037.0.47)

7.
$$\psi \hat{p} = \frac{45}{80} = 0.56$$

= 1.96 x 0.06=0.12

= 0.56 \$ 1.645 x 0.06

=> (446.0.66)

= -0.05 I 1.96 × 407

= -405 - 414 => (-419. 4.29)

=1040