P. 228.

ex7.

(11)
$$\hat{p} = \frac{45}{p_0} = 0.56$$

(3) $\frac{2}{2}\sqrt{\frac{p(1-\hat{p})}{n}} = 0.56 \pm 20.05\sqrt{\frac{0.56[0.44)}{80}}$

(2)
$$2 = \sqrt{\frac{\beta(1-\beta)}{n}} = 20.025 \sqrt{\frac{0.5610.441}{80}}$$

$$P = \frac{30}{250} = 0.42$$

$$0.42 \pm 20.05 = 0.42$$

$$= 0.42 \pm 1.645 \times 0.03$$

$$= 0.42 \pm 0.05$$

$$= 0.42 \pm 0.05$$

$$= 0.42 \pm 0.05$$

$$\begin{array}{l}
0 & 6 = 0.5 \\
n = \left(\frac{1.96}{0.03}\right)^2 \times 0.5 \times 0.5 \\
= 1067.1 = 1068
\end{array}$$

(2)

$$\varphi = 0.3, e = 0.03, 1 - \alpha = 0.95$$

$$e = \frac{\sigma}{\sqrt{n}} \times 2$$

$$n = (\frac{2}{e})^2 \times \beta \times (1 - \beta)$$

$$n = (\frac{1.96}{0.3})^2 \times 0.3 \times 0.7$$

$$= 896.37 = 897$$

(b)
$$\beta = 0.41$$

 $n = (\frac{1.96}{0.03})^2 \times 0.42 \times 0.58$
 $= 1039.79 = 1040$

1.229. ex8: P=0.55 , P=0.6 (户一户) + Z 至 「户(1-户) + 户(1-P2) = (0.55-0.6) + Zo.025 Jo.55(0.45) + 0.6×0.4 = -0.05 ± 1.96 x0.07 = -0,05 ± 0.14 =) (-0.19, 0.09)

(2