Ch 6 智題

1.

$$\chi_{0.05}^{*}(1>) = \times 1.03$$

$$F_{0.95}(6.7) = \frac{1}{F_{0.05}(7.6)} = \frac{1}{4.4} = 0.>38$$

7.
(1)
$$\hat{p} = \frac{45}{80} = 0.56$$
(2)

= 1.96 × 0.06

(3)

= 0.56 ± 1.645 x 0.06

RP (0.46, 0.66)

8.
$$\hat{p}_{g} = \sum_{i=0}^{r} = 0.57$$

(1)
$$\hat{p} = \frac{105}{200} = 0.42$$
, $1 - \alpha = 0.9$

$$\Xi_{\alpha} = \Xi_{0.05} = 1.645$$

$$n = (\frac{1.46}{0.03})^{0.3} \cdot 0.7 = 896.37$$

$$h = \left(\frac{1.46}{0.03}\right)^{2}(0.5)(0.5) = 1067.11$$

$$= 1068$$