習題 11.

= 0.42 ± 1.645 × 0.03

= 0.42 ± 0.05

RP(0.37, 0.47)

10 1 20 0 25 0 | 560 0 7 7 (09 a - 55 a) = (2) セ=0.03 , 1-カ=0.95 , 乙生= 20,025 = 1.9も

a. P=0.3  $= (\frac{1.96}{0.03})^2 (0.3) (0.7) = 896.37 = 897 = 7 N = 897$ 

b.  $\hat{p} = \frac{105}{20} = 0.42$  $In = \left(\frac{1.96}{0.03}\right)^2 (0.42)(0.58) = 1,039.79 = 1,040 \Rightarrow N = 1,040.$ 

C. P=0.5

i. N= ( 1.96 )2 (0.5) (0.5) = 1,067.11 = 1,068 = 7 N= 1,068