Q<sub>1,i</sub> let 
$$L(x_i, \lambda) = \prod_{i=1}^{n} P(x_i = x_i) = \prod_{i=1}^{n} \frac{\lambda^{x_i}}{x_i!} e^{-\lambda} = e^{-n\lambda} \prod_{i=1}^{n} \frac{\lambda^{x_i}}{x_i!}$$

$$\lim_{i \to \infty} L = -n\lambda + \sum_{i=1}^{n} X_i (\ln \lambda - \ln x_i!)$$

$$\lim_{i \to \infty} L = -n + \sum_{i=1}^{n} \frac{x_i}{\lambda}$$

let 
$$\frac{d\ln L}{dx} = 0 = -nt\frac{x}{i=1}\frac{x_i}{x_i}$$

$$3 = \frac{1}{h}\frac{x_i}{i=1}x_i = x$$

Since 
$$X = \frac{1}{96} (0059+ 007+ 007+ 005)$$
  
We have  $X = \frac{1}{7} = 0.5$ 

$$|nL=X,|n(1-p)+hp$$

$$\frac{d|nL=-\frac{x_1}{Ap}+\frac{1}{p}=0}{ap}=\frac{1}{x_1+1}$$
en (e  $\beta=\frac{1}{x_1+1}$ 

InL= nInP+ = xiln(+p)

INLE NINPY INCED) =Xi

let all = N - I-P. \$ X; = 0