$$20 \quad \text{M}(x) = b(x) = \lambda$$

$$2(x_1 ... x_m | \lambda) = \frac{m}{11} \quad \text{M}(x_1 | \lambda) = \lambda$$

$$= \frac{m}{11} \quad \frac{\lambda^{x_1}}{\lambda^{x_1}} \cdot e^{-\lambda}$$

$$= e^{-\lambda m} \frac{m}{11} \quad \frac{\lambda^{x_1}}{\lambda^{x_1}} \cdot \frac{m}{2} \times e^{-\lambda m}$$

$$= e^{-\lambda m} \frac{m}{11} \quad \frac{\lambda^{x_1}}{\lambda^{x_1}} \cdot \frac{m}{2} \times e^{-\lambda m}$$

$$= e^{-\lambda m} \frac{m}{11} \quad \frac{\lambda^{x_1}}{\lambda^{x_1}} \cdot \frac{m}{2} \times e^{-\lambda m}$$

$$= e^{-\lambda m} \frac{m}{11} \quad \frac{\lambda^{x_1}}{\lambda^{x_1}} \cdot \frac{m}{2} \times e^{-\lambda m}$$

$$= e^{-\lambda m} \frac{m}{11} \quad \frac{\lambda^{x_1}}{\lambda^{x_1}} \cdot \frac{m}{2} \times e^{-\lambda m}$$

$$\frac{\partial \ln L - \ln k + m \times \ln \lambda - \lambda n}{\lambda} = \frac{m \times m}{\lambda} - m$$

$$\frac{\sqrt{x}}{\sqrt{x}} = w$$

$$\sqrt{x} = x$$

$$P(\underline{x}) = \overline{V(x)} = \frac{\nu}{\gamma}$$

$$P(\underline{x}) + H(\underline{x}) + H(x) = \gamma$$

c)
$$3a(\lambda) = -H \sum \frac{3^2 \ln L(x_1 \lambda)}{3 \lambda^2}$$

 $L(x_1 \lambda) = L(x_1 \lambda) = \frac{\lambda^2}{\lambda^2} \cdot e^{-\lambda}$
 $\frac{3 \ln L}{3 \lambda} = \frac{\lambda}{\lambda} - \lambda + \frac{\lambda}{\lambda}$