$$P_{0}(5) = 0.05$$

$$P_{m}(t) = \frac{1}{m!} e^{-\lambda t}$$

$$P_{0}(5) = \frac{1}{(\lambda \times 5)} e^{-\lambda \times 5}$$

. . L

XLSO = PLSOXA

$$P_{4}(t) = \frac{(\lambda_{350} t)^{m} e^{-\lambda_{350} t}}{e^{-\lambda_{350} t}}$$

$$= \frac{(4/10^{\times 3/5} \times 2^{\circ})^{4} e^{-(4/10^{\times 3/5} \times 2^{\circ})}}{4!}$$

$$= \frac{(24/5)^{4} e^{-(24/5)}}{4!}$$

= 0.182