$$O P(x \le 15) = P(x = 0) + --- + P(x = 16)$$

$$500(_{0}(0.05)^{0}(0.95)^{500} + 500(_{1}(0.05)^{1}(0.95)^{499} + --$$

$$--- \cdot 500(_{15}(0.05)^{15}(0.95)^{495}$$

$$= 0.01986 - O$$