Question #259
Key: B

The estimator of the Poisson parameter is the sample mean. Then,

$$E(\hat{\lambda}) = E(\bar{X}) = \lambda$$

$$Var(\hat{\lambda}) = Var(\bar{X}) = \lambda / n$$

$$c.v. = \sqrt{\lambda / n} / \lambda = 1/\sqrt{n\lambda}$$

It is estimated by $1/\sqrt{n\lambda} = 1/\sqrt{39} = 0.1601.$