Question 10.13.1.22 The probability of getting a bad egg in a lot of 400 is 0.035. The number of bad eggs in the lot is

Solution: Given

Size of the lot $= 400$

Let $\Pr(A) =$ Probability of getting a bad egg

$\Pr(A) = 0.035$

The number of bad eggs in the lot is given as:

Bad eggs $= \Pr(A) \times 400$

Bad eggs $= 14$

Therefore the lot has 14 bad eggs