CASEDA, MARTIN HANS A. CAS-05-0019

NO.:
DATE:

2.) $P(-d/pt) = \frac{P(pt/-d) \times (P(d))}{P(pt)}$

$= \frac{(0.05)(0.995)}{(0.005)(0.99) + (0.995)(0.05)}$

$= \frac{(0.05)(0.995)}{0.0547}$

$= 0.909$

3.) $P(-d/nt) = \frac{P(nt/-d) \times P(-d)}{P(nt)}$

$= \frac{(0.95)(0.995)}{(0.005)(0.01) + (0.995)(0.95)}$

$= \frac{(0.95)(0.995)}{0.9453}$

$= 0.999$