$$P(b, i, \neg m, g, j) = P(b) P(\neg m) P(i \mid b, \neg m) P(g \mid b, i, \neg m) P(j \mid g)$$

$$= 0.9 \times 0.9 \times 0.5 \times 0.8 \times 0.9$$

$$= 0.2916$$