$P(\text{Pass}) = 0.9$

$P(\text{Quick} \mid \text{Pass}) = 0.6$

$P(\text{Quick} \mid \text{Not Pass}) = 0.3$

$P(\text{Quick}) = P(\text{Quick} \mid \text{Pass}) \cdot P(\text{Pass}) + P(\text{Quick} \mid \text{Not Pass}) \cdot P(\text{Not Pass})$

$P(\text{Not Pass}) = 1 - P(\text{Pass}) = 1 - 0.9 = 0.1$

$\therefore P(\text{Quick}) = 0.6 \times 0.9 + 0.3 \times 0.1 = 0.57$

$$P(\text{Pass} \mid \text{Quick}) = \frac{P(\text{Quick} \mid \text{Pass}) \cdot P(\text{Pass})}{P(\text{Quick})} = \frac{0.6 \times 0.9}{0.57} = 0.94736$$

Approximately 94.7% of students who answer the question quickly.