הערך שהתקבל מתוך הטבלה - 0.9783

$$0.9732 = 1-\alpha$$

$$\boxed{\alpha = 0.0268}$$

$$1-\beta = P(A / H_1) = P(\hat{P} > 0.33 / H_1) =$$

$$\left(\frac{\hat{P} - P_1}{\sqrt{\frac{P_1 \times (1-P_1)}{n}}} > \frac{0.33-0.4}{\sqrt{\frac{0.4 \times 0.6}{300}}} \right) = P(Z_{\hat{p}} > -2.474) =$$

$$P(Z_{\hat{p}} < 2.474) = 0.9932$$

$$\beta = 1-0.9932 = 0.0068$$