

Solutions to Sample Final Exam

Question 1. a. $P = 27.2727$, $P_A = 28.9463$ b. $r_E = 0.0950$ c. $P = 30.5873$

Question 2. a. $APV = 8.5000$, $\hat{D} + \hat{E} = 1433.5000$, $\hat{P} = 55.4250$, $\hat{K} - K = 0.2706$ m.

b. $APV = 10.2500$, $\hat{D} + \hat{E} = 1435.2500$, $\hat{P} = 56.0125$, $\hat{K} - K = 0$

c. $APV = 2.7250$, $\hat{D} + \hat{E} = 1406.2250$, $\hat{P} = 55.1363$, $\hat{K} - K = 0$

Question 3. a. $D + E = 300.000$, $CCC = 0.1167$ b. $V_A = 286.4870$, $r_A = 0.1198$

c. $V_A = 265.000$, $r_A = 0.1255$ d. $V_A = 241.6667$, $r_A = 0.1328$

Question 4. $APV = 35.7474$