

Question #293

Answer: B

$$P[1 + 0.97(0.98624) + 0.92(0.98624)(0.98499)]$$

$$= 100,000[0.97(0.01376) + 0.92(0.98264)(0.01501) + 0.87(0.98264)(0.98499)(0.01638)]$$

$$P = 1431.74.$$