

Question #51

Answer: E

$$1000 P_{60} = 1000 A_{60} / \ddot{a}_{60}$$

$$= 1000 v(q_{60} + p_{60}A_{61}) / (1 + p_{60} v \ddot{a}_{61})$$

$$= 1000(q_{60} + p_{60} A_{61}) / (1.06 + p_{60} \ddot{a}_{61})$$

$$= (15 + (0.985)(382.79)) / (1.06 + (0.985)(10.9041)) = 33.22$$