

236. For a fully discrete insurance of 1000 on (x) , you are given:

- (i) ${}_4AS = 396.63$ is the asset share at the end of year 4.
- (ii) ${}_5AS = 694.50$ is the asset share at the end of year 5.
- (iii) $G = 281.77$ is the gross premium.
- (iv) ${}_5CV = 572.12$ is the cash value at the end of year 5.
- (v) $c_4 = 0.05$ is the fraction of the gross premium paid at time 4 for expenses.
- (vi) $e_4 = 7.0$ is the amount of per policy expenses paid at time 4.
- (vii) $q_{x+4}^{(1)} = 0.09$ is the probability of decrement by death.
- (viii) $q_{x+4}^{(2)} = 0.26$ is the probability of decrement by withdrawal.

Calculate i .

- (A) 0.050
- (B) 0.055
- (C) 0.060
- (D) 0.065
- (E) 0.070