

**133.** For a multiple decrement table, you are given:

- (i) Decrement (1) is death, decrement (2) is disability, and decrement (3) is withdrawal.
- (ii)  $q'_{60}^{(1)} = 0.010$
- (iii)  $q'_{60}^{(2)} = 0.050$
- (iv)  $q'_{60}^{(3)} = 0.100$
- (v) Withdrawals occur only at the end of the year.
- (vi) Mortality and disability are uniformly distributed over each year of age in the associated single decrement tables.

Calculate  $q_{60}^{(3)}$ .

- (A) 0.088
- (B) 0.091
- (C) 0.094
- (D) 0.097
- (E) 0.100