

**63.** For a whole life insurance of 1 on  $(x)$ , you are given:

- (i) The force of mortality is  $\mu_{x+t}$ .
- (ii) The benefits are payable at the moment of death.
- (iii)  $\delta = 0.06$
- (iv)  $\bar{A}_x = 0.60$

Calculate the revised expected present value of this insurance assuming  $\mu_{x+t}$  is increased by 0.03 for all  $t$  and  $\delta$  is decreased by 0.03.

- (A) 0.5
- (B) 0.6
- (C) 0.7
- (D) 0.8
- (E) 0.9