

51. For a fully discrete whole life insurance of 1000 on (60), you are given:

- (i) $i = 0.06$
- (ii) Mortality follows the Illustrative Life Table, except that there are extra mortality risks at age 60 such that $q_{60} = 0.015$.

Calculate the annual benefit premium for this insurance.

- (A) 31.5
- (B) 32.0
- (C) 32.1
- (D) 33.1
- (E) 33.2