

**203.** For a fully continuous whole life insurance of 1 on  $(30)$ , you are given:

- (i) The force of mortality is 0.05 in the first 10 years and 0.08 thereafter.
- (ii)  $\delta = 0.08$

Calculate the benefit reserve at time 10 for this insurance.

- (A) 0.144
- (B) 0.155
- (C) 0.166
- (D) 0.177
- (E) 0.188