

**108.** You are given:

- (i)  ${}_kV^A$  is the benefit reserve at the end of year  $k$  for type A insurance, which is a fully discrete 10-payment whole life insurance of 1000 on  $(x)$ .
- (ii)  ${}_kV^B$  is the benefit reserve at the end of year  $k$  for type B insurance, which is a fully discrete whole life insurance of 1000 on  $(x)$ .
- (iii)  $q_{x+10} = 0.004$
- (iv) The annual benefit premium for type B is 8.36.
- (v)  ${}_{10}V^A - {}_{10}V^B = 101.35$
- (vi)  $i = 0.06$

Calculate  ${}_{11}V^A - {}_{11}V^B$ .

- (A) 91
- (B) 93
- (C) 95
- (D) 97
- (E) 99