

47. For a special whole life insurance on (35), you are given:

- (i) The annual benefit premium is payable at the beginning of each year.
- (ii) The death benefit is equal to 1000 plus the return of all benefit premiums paid in the past without interest.
- (iii) The death benefit is paid at the end of the year of death.
- (iv) $A_{35} = 0.42898$
- (v) $(IA)_{35} = 6.16761$
- (vi) $i = 0.05$

Calculate the annual benefit premium for this insurance.

- (A) 73.66
- (B) 75.28
- (C) 77.42
- (D) 78.95
- (E) 81.66