

96. For a special 3-year deferred whole life annuity-due on (x) :

- (i) $i = 0.04$
- (ii) The first annual payment is 1000.
- (iii) Payments in the following years increase by 4% per year.
- (iv) There is no death benefit during the three year deferral period.
- (v) Level benefit premiums are payable at the beginning of each of the first three years.
- (vi) $e_x = 11.05$ is the curtate expectation of life for (x) .

(vii)

k	1	2	3
${}_k P_x$	0.99	0.98	0.97

Calculate the annual benefit premium.

- (A) 2625
- (B) 2825
- (C) 3025
- (D) 3225
- (E) 3425