

239. For a semicontinuous 20-year endowment insurance of 25,000 on (x) , you are given:

- (i) The following expenses are payable at the beginning of the year:

	Percent of Premium	Per 1000 Insurance	Per Policy
First Year	25%	2.00	15.00
Renewal	5%	0.50	3.00

- (ii) Deaths are uniformly distributed over each year of age.
- (iii) $\bar{A}_{x:\overline{20}|} = 0.4058$
- (iv) $A_{x:\overline{20}|}^1 = 0.3195$
- (v) $\ddot{a}_{x:\overline{20}|} = 12.522$
- (vi) $i = 0.05$
- (vii) Premiums are determined using the equivalence principle.

Calculate the level annual premium.

- (A) 884
- (B) 888
- (C) 893
- (D) 909
- (E) 913