69. For a fully discrete 2-year term insurance of 1 on (x):

(i) 0.95 is the lowest premium such that there is a 0% chance of loss in year 1.

(ii) $p_x = 0.75$

(iii) $p_{x+1} = 0.80$

(iv) Z is the random variable for the present value at issue of future benefits.

Calculate $\text{Var}(Z)$.

(A) 0.15

(B) 0.17

(C) 0.19

(D) 0.21

(E) 0.23