

89. You are given:

- (i) Losses follow an exponential distribution with the same mean in all years.
- (ii) The loss elimination ratio this year is 70%.
- (iii) The ordinary deductible for the coming year is $\frac{4}{3}$ of the current deductible.

Compute the loss elimination ratio for the coming year.

- (A) 70%
- (B) 75%
- (C) 80%
- (D) 85%
- (E) 90%