

- 13.** A population has 30% who are smokers with a constant force of mortality 0.2 and 70% who are non-smokers with a constant force of mortality 0.1.

Calculate the 75th percentile of the distribution of the future lifetime of an individual selected at random from this population.

- (A) 10.7
- (B) 11.0
- (C) 11.2
- (D) 11.6
- (E) 11.8