

66. For a select-and-ultimate mortality table with a 3-year select period:

(i)

| x | $q_{[x]}$ | $q_{[x]+1}$ | $q_{[x]+2}$ | q_{x+3} | $x + 3$ |
|-----|-----------|-------------|-------------|-----------|---------|
| 60 | 0.09 | 0.11 | 0.13 | 0.15 | 63 |
| 61 | 0.10 | 0.12 | 0.14 | 0.16 | 64 |
| 62 | 0.11 | 0.13 | 0.15 | 0.17 | 65 |
| 63 | 0.12 | 0.14 | 0.16 | 0.18 | 66 |
| 64 | 0.13 | 0.15 | 0.17 | 0.19 | 67 |

(ii) White was a newly selected life on 01/01/2000.

(iii) White's age on 01/01/2001 is 61.

(iv) P is the probability on 01/01/2001 that White will be alive on 01/01/2006.

Calculate P .

(A) $0 \leq P < 0.43$

(B) $0.43 \leq P < 0.45$

(C) $0.45 \leq P < 0.47$

(D) $0.47 \leq P < 0.49$

(E) $0.49 \leq P \leq 1.00$