percentage distribution of B and C are [Kerala PMT 2004]

- 75% B and 25% C A)
- B) 80% B and 20% C
- C) 60% B and 40% C
- 90% B and 10% C
- E) 76.83% B and 23.17% C

Correct Answer: E

Solution:

% distribution of
$$B=\frac{K_1}{K_1+K_2}\times 100$$

$$=\frac{1.26\times 10^{-4}}{1.26\times 10^{-4}+3.8\times 10^{-4}}\times 100$$
 B
$$=\frac{3.8\times 10^{-4}}{1.26\times 10^{-4}+3.8\times 10^{-4}}\times 100$$
 C