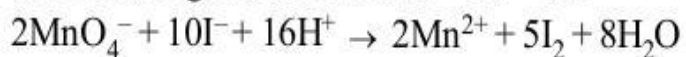


The instantaneous rate of disappearance of MnO_4^- ion in the following reaction is $4.56 \times 10^{-3} \text{ Ms}^{-1}$



The rate of appearance I_2 is : **[Online April 9, 2013]**

- (a) $4.56 \times 10^{-4} \text{ Ms}^{-1}$ (b) $1.14 \times 10^{-2} \text{ Ms}^{-1}$
(c) $1.14 \times 10^{-3} \text{ Ms}^{-1}$ (d) $5.7 \times 10^{-3} \text{ Ms}^{-1}$