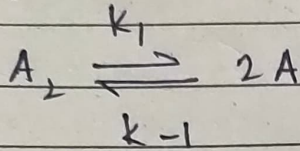


Ques- For an elementary chemical reaction



the expression for  $\frac{d[A]}{dt}$  is

<1>  $k_1[A_2] - k_{-1}[A]^2$

<2>  $2k_1[A_2] - k_{-1}[A]^2$

<3>  $k_1[A_2] + k_{-1}[A]^2$

<4>  $2k_1[A_2] - 2k_{-1}[A]^2$

Answer- <4>

(10 Jan Evening  
JEE MAINS 2019)