

ECAT Chemistry Chapter 8 Chemical Equilibrium Online Test

Sr	Questions	Answers Choice
1	Reactions that proceed on both sides and never go to completion are called	A. Irreversible reactions B. Reversible reactions C. Opposing reactions D. Spontaneous reactions
2	The rate at which a substance reacts is directly proportional to its active mass and the rate of reaction is directly proportional to the product of the active masses of reacting substances, is called	A. Law of conservation of energy B. Le-Chateliers principle C. Law of mass action D. None of these
3	Question Image	A. Reversible reaction B. Irreversible reaction C. Spontaneous reaction D. None of these
4	When rate of forward reaction is equal to rate of backward reaction, then the equilibrium established is called	A. Chemical equilibrium B. Static equilibrium C. Dynamic equilibrium D. None of these
5	Question Image	
6	Question Image	
7	The rate of which the reaction proceeds is directly proportional to the product of the active masses of the reactants is according to	A. Law of mass action B. Le Chateliers principle C. Equilibrium law D. Law of constant proportion
8	Question Image	A. At equilibrium there is no further change in the concentration of HI B. At equilibrium concentration of $I_{2(g)}$ remains constant C. At equilibrium concentration of $H_{2(g)}$ remains unaltered D. At equilibrium the rate of formation of HI is equal to the rate of decomposition of HI
9	Which of the following is an example of reversible reaction	