

Chemistry Fsc Part 1 Chapter 7 Online Test

Sr	Questions	Answers Choice
1	The order of a chemicla reaction, that is dependent of concentration is.	A. Second order reaction B. First order reaction C. Zeroorder reaction D. Pseudo first order reaction
2	If we double the conentration of a reactant, the rate increases by four times, the reactionis.	A. First Order B. Second Order C. Third Order D. Zero order
3	Rate = k [A] ; defines	A. Stoichiometry B. Reaction order C. Reaction mechanism D. Titration
4	Effective collisions are those that.	A. Have enough energy and proper orientation B. Are elastic C. Are in vacuum D. Produce no change
5	Higher pressur eincreases rate for	A. Solids B. Gases C. Liquids D. All phases
6	Unit of rate for gaseous reaction are.	A. mol dm-3 s-1 B. atm C. mol D. kg s-1
7	Increase in surface area	A. Increases rate B. Decreases rate C. No effect D. Stops reaction
8	On Boltzmann distribution curve, the area under the curve represents.	A. Activation energy of the rreaction B. Total numebr f moleclues in the sample C. Average kinetic energy of the molecules D. Rate constant of the reaction
9	Effect of temperature on rate is	A. Negligible B. Linear C. Exponential D. Logarithmic
10	The lowest stepin a mechanism is	A. Fast step B. Activation step C. Rate determining step D. Initiation step
11	Units of rate constant depend on	A. Order of reaction B. Temperature C. Surface area D. Pressure
12	Rate of fastest	A. At start B. In middle C. At end D. After completion
13	Mechanism supports	A. Hess's law B. Kinetic data C. Le chatelier's principle D. Boyle's law
14	Half life is time is which	A. Rate becomes zero B. Concentration reduces to 1/4 C. Concentratio reduces to half D. Product is half formed
		A. Increse activation energy

15	In energy profile diagram a catalysts.	B. Decreases activation energy C. Provide new pathway D. Both b and c
16	Which order has constant half life	A. First B. Zero C. Second D. Third
17	Which increases with rise in temperature?	A. Activation energyB. EnthalpyC. Collision frequencyD. Molecular weight
18	In a chemical reaction, a catalyst.	A. Alters Delta H B. Lowers activation energy C. Is consumed D. Forms product
19	Half life of zero order reaction is	A. Constant B. Proportional to [A] C. Inversely proportional with [A] D. Independent to rate constant
20	The units of the rate constant (k) for a reaction depend on the	 A. Activation energy of the reaction B. Temperature of the reaction C. Overall order of the reaction D. Stoichiometry of the balanced chemical equation