

CLASS 12th Chemistry Lesson Plan for October-2015

Month of October One Week 17 th oct– 23 th oct CLASSES Required 06 Topic Chemical Kinetics	Concepts and skills	Learning outcomes	Instructional tools	Pedagogy	Activity/ Assignment /Research	Assessment	Formative/ Summative Assessment Syllabus
1. Rate of Reaction 01	Students will learn how to express rate of a reaction and how to determine it graphically from the experimental data given.	Rate of a reaction expression and how important rate of undesired side reaction effect the storage of food and medicines.	Black board ,text book and reference book.	Lecture, Discussion Random questioning	Discussion In class and Textual questions.	Individual class work and questions based on text book	To be tested in Final term examination.
2..Factors affecting rate of a reaction							
A .Order and molecularity of a reaction 03	How to calculate order and molecularity .	Comparison between the order and molecularity.					
B. Effect of temperature on reaction rate. 01	Arrhenius equation and its physical significance.	Effect of temperature on rate in the light of activation energy of a reaction.	Board to teach Text book for the topics and reference book.	Lecture, Textual questions Brain storming questions related to topics.	Solving textual numerical.	Discussion In class related to the topic	To be tested in Final term examination.
C. Effect of catalyst on reaction rate. 01	The role of a catalyst in industrial processes.	How to increase the yield of a product in an industrial process.					.