Торіс	Sub Topic	Revised	Complete
Topic 1	Understanding of the basics	Yes	
	Description of Relaxation kinetics	Yes	
Relaxation	and the perturbation time		
Kinetics	Perturbation methods	Yes	
	Methods for observation of	Yes	
	concentration after perturbation		
	Analysis of Relaxation Kinetics for	Yes	
	determination of T		
<u>Topic 2</u>	Understanding of the basics		
	Diffusion of a concentration		
Diffusion	gradient in an elementary		
Controlled	bimolecular reaction		
Reactions in	Fick's first law of diffusion		
Solution	Stokes – Einstein – Debye equation		
	Corrections to theory of diffusion		
	controlled reactions		
	Diffusion Controlled reactions		
	Crotthus Mach engine for water		
	Case effect?		
Topic 3	Basics of activation energy		
	Diffusion and activation control		
Activation	limits		
Controlled	The transition state theory		
Reactions and	The treatment of K <sup>‡</sup>		
Transition State	The kinetic isotope effect on the		
Theory	activation energy		
	Activation controlled reactions		
	between lons		
	Entropy of activation for ionic		
	reactions		
	Ionic strength effects on Ionic		
	Reactions		

Are you confident in each topic area?				
Topic 1 Relaxation Kinetics	Topic 2 Diffusion Controlled Reactions in Solution	Topic 3 Activation Controlled Reactions and Transition State Theory		