

MSC CHEMISTRY  
SEMESTER-III  
Course: Physical Chemistry (Elective –I)  
ADVANCED CHEMICAL KINETICS

Note:-attempt all questions.

Que1. Steady state approximation.

Que2. Kinetics of fast reaction.

Que3. Protonation & hydrolysis equilibria.

Que4. Determination of active reactant species.

Que5. Complementary reactions.

Que6. Outer- inner sphere relation transfer reaction.

Que7. Trace metal ion catalysis.

Que8. Micellar catalysis

Que9. One and two equivalent reduction oxidation of chromium.

Que10. Westheimer mechanism and its validity.