

Course Code: 3MSC3  
Course: physical chemistry (Elective –I)  
Credit: 3  
Last Submission Date: April 30 (for January Session)  
October 31, (for July session)

Max. Marks:-30

Min. Marks:-11

Note:-attempt all questions.

- Que1. Steady state approximation.
- Que2. Kinetics of fast reaction.
- Que3. Prolongation & hydrolysis equilibrium.
- Que4. Determination of active reactant species.
- Que5. Complementary reactions.
- Que6. Outer sphere electron transfer reaction.
- Que7. Trace metal catalysis.
- Que8. Michaelis-Menten catalysis
- Que9. One and two electron reduction oxidation of chromium.
- Que10. Westheimer mechanism and its validity.