

Course Code: 4MSC2
Course: Photo Chemistry & Solid State Chemistry
Credit: 3
Last Submission Date: October 31, (for January Session)
April 30 (for July session)

Max. Marks:-30

Min. Marks:-11

Note:-attempt all questions.

- Que1. Explain different types of photochemical reactions.
- Que2. Write the photochemistry of Alkene.
- Que3. Write the photochemistry of carbonyl compounds.
- Que4. Explain photochemistry of vision.
- Que5. Explain different types of solid state reaction.
- Que6. Write the kinetics of solid state reaction.
- Que7. What is super conductor? What is semi conductor? Explain doping in semiconductor.
- Que8. State band theory. With the help of this explain the properties of metals, insulator and semiconductor.
- Que9. Explain the purification and crystal growth of solid materials.
- Que10. Write details about preparations of organic semiconductor and give its application.