

Sardar Bhagwan Singh University
M. Sc Chemistry
II Semester
Subject : Organic Chemistry

- Q1. Give brief introduction to pericyclic reactions. Give any two suitable examples.
- Q2. Give brief introduction to electrocyclic reactions. Give any two suitable examples.
- Q3. Give brief introduction to sigma-trophic rearrangement. Give any two examples.
- Q4. Give brief introduction to ene-reactions. Give any two suitable examples.
- Q5. What are addition reactions? With example explain electrophilic addition reactions.
- Q6. Explain nucleophilic addition reactions. Why nucleophilic addition reactions are rare?
- Q7. Give mechanism of Michael reaction.
- Q8. Explain sharp-less asymmetric synthesis reactions.
- Q9. Write difference between E1 and E2 reactions.
- Q10. Explain Hofmann rule with suitable example.