

A-814

M.Sc. II Semester ATKT Examination 2020

Subject : Chemistry

Paper : II – Organic Chemistry

Max.Marks : 15

Note: Attempt any three questions.

1. Explain the mechanism of SN1 and SN2 reactions.
2. Explain the mechanism of following reactions:
 - (i) Free radical rearrangement
 - (ii) Hunsdiecker reaction
3. Write notes (any two):
 - (i) Regio and chemoselectivity
 - (ii) Hydrogenation of atomic rings
 - (iii) Michael reaction
4. Explain the reduction of saturated and unsaturated carbonyl compounds.
5. Explain the following(any two):
 - (i) Claisen rearrangement
 - (ii) Classification of pericyclic reaction
 - (iii) FMO and PMO approach.
