

## **Semester II (Practical-A)**

Time: 6 Hrs.

M.M. 100 marks

- Preparation of Polyvinyl acetate.
- Polymer modification- preparation of polyvinyl alcohol
- From polyvinyl acetate.
- Determine Saponification value of polyvinyl acetate.
- Depolymerization of polymethyl methacrylate
- Determine of mol. Wt. by end group analyzing
- Identification of Polymers: Identification by chemical method:

(i) Thermoplastics: PE, PP, PS, PMMA, PVC, PVCA, DVAI

(ii) Thermosetting resins: PF, UF, MF, Epoxy resin.

(iii) Rubber: Natural rubber, Polybutadiene, Butyl rubber, Neoprene.

