

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

Time: 6 Hrs.

M.M. 100 marks

- Viscosity and mol. Wt. determination by ubbelhele/ostwaldviscomels
- Study of antioxidants by thin lay chromatography.
- Estimation of some physical properties of polymers:
  - (a) Determination of percentage of filler/ fibre contents in the polymer composite.
  - (b) Determination of ash content of given polymer.
  - (c) Determination of moisture content of the polymer sample.
  - (d) Determination of water absorption of the polymer sample
  - (e) Determination of melting point of the polymer sample.
  - (f) Determination of density of the polymer.
  - (g) Determination of bulk density for polymer powder or granules.

