

Lecturers Title

- 1- Dispersed systems: their classification; comparisons between different systems.
- 2- Solutions and types of solutions.
- 3- Solubility: Factors affecting solubility; expression of dissolution; dissolution rate versus solubility; preparation of solutions containing non-volatile materials.
- 4- Official solutions; classification of official solutions; preparation and uses.
- 5- Aqueous solutions containing aromatic principles; aromatic waters; methods of preparations; stability.
- 6- Syrups: sugar based syrups; artificial and sorbitol based syrups; stability of syrups.
- 7- Definition and methods of clarification; filter aids in clarification.
- 8- Preparation of solutions using mixed solvent systems; spirits, and elixirs.
- 9- Extraction; maceration and percolation.

10-Tinctures; fluid extracts; extracts of resins and oleoresins.

11- Colloidal dispersions; lyophilic; lyophobic.

12-Coarse dispersion; suspensions.