



قسم التكنولوجيا الصيدلانية

First level – pharm D clinical

Physical pharmacy

1. Buffers and its importance in pharmaceutical preparations.
2. Isotonicity and its application in pharmacy.
3. Gas in liquid solutions.
4. Liquid in liquid solutions.
5. Solid in liquid solutions.
6. Methods of improving solubility of poorly water soluble drugs.
7. Methods of determination of surface tension.
8. Classification of surfactants.
9. Pharmaceutical applications of surfactants.
10. Applications of adsorption.
11. Disperse systems.
12. Types of flow of liquids.
13. Thixotropy and its applications in pharmaceutical preparations.
14. Determination of rheological properties