



قسم التكنولوجيا الصيدلانية

First level-Pharm D

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**