

مفردات الامتحان التنافسي للمتقدمين على برنامج الماجستير - صيدلانيات للعام الدراسي ٢٠٢٦-٢٠٢٧

1	Chapter 2	States of matter, binding forces between molecules, gases, liquids, solid and crystalline matters; phase equilibria and phase rule; thermal analysis.	Martin's Physical Pharmacy and Pharmaceutical Sciences 6 Ed
2	Chapter 9	Solubility and distribution phenomena, solvent-solute interactions, solubility of gases in liquids, solubility of liquids in liquids, solubility of non-ionic solids in liquids, distribution of solutes between immiscible solvents.	Martin's Physical Pharmacy and Pharmaceutical Sciences 6 Ed
3	Chapter 14	Kinetics, rate and orders of reactions, influence of temperature and other factors on reactions rate, decomposition of medicinal agents and accelerated stability analysis.	Martin's Physical Pharmacy and Pharmaceutical Sciences 6 Ed
4	Chapter 13	Liquid Dosage Forms: Solutions	Ansel's Pharmaceutical Dosage Forms and Drug Delivery Systems 10 ed
5	Chapter 14	Liquid Dosage Forms: Suspensions.	Ansel's Pharmaceutical Dosage Forms and Drug Delivery Systems 10 ed
6	Chapter 10	Ointments, Creams, and Gels	Ansel's Pharmaceutical Dosage Forms and Drug Delivery Systems 10 ed
7	Chapter 12	Suppositories	Ansel's Pharmaceutical Dosage Forms and Drug Delivery Systems 10 ed
8	Chapter 1	Introduction to Biopharmaceutics and Pharmacokinetics	Shargel L, Yu AB, (Eds.), Applied Biopharmaceutics and Pharmacokinetics. 7 ed
9	Chapter 5	Multicompartment Models: Intravenous Bolus Administration	Shargel L, Yu AB, (Eds.), Applied Biopharmaceutics and Pharmacokinetics. 7 ed
10	Chapter 7	Drug Elimination, Clearance, and Renal Clearance	Shargel L, Yu AB, (Eds.), Applied Biopharmaceutics and Pharmacokinetics. 7 ed
11	Chapter 1	Mixing	The Theory and Practice of Industrial Pharmacy by Leon Lachman et al. 3 ed
12	Chapter 8	Preformulation	The Theory and Practice of Industrial Pharmacy by Leon Lachman et al. 3 ed
13	Chapter 21	Sterilization	The Theory and Practice of Industrial Pharmacy by Leon Lachman et al. 3 ed
14	Chapter 11	Tablet	The Theory and Practice of Industrial Pharmacy by Leon Lachman et al. 3 ed
15	Chapter 14	Sustained Release Dosage Forms	The Theory and Practice of Industrial Pharmacy by Leon Lachman et al. 3 ed
16	Chapter 22	Sterile Products	The Theory and Practice of Industrial Pharmacy by Leon Lachman et al. 3 ed
17	Chapter 4	Pharmaceutical and Formulation Considerations	Ansel's Pharmaceutical Dosage Forms and Drug Delivery Systems 10 ed
18	Chapter 5	Dosage Form Design: Biopharmaceutical and Pharmacokinetic Considerations	Ansel's Pharmaceutical Dosage Forms and Drug Delivery Systems 10 ed
19	Chapter 4	Formulation of Biotech Products, Including Biopharmaceutical Considerations	Pharmaceutical Biotechnology Fundamentals and Applications 4th ed