



المفردات المشمولة في الامتحان التنافسي للمتقدمين للقبول في الدراسات العليا الماجستير ولجميع التخصصات للعام الدراسي 2024- 2025 لكلية الصيدلة – جامعة البصرة (تكون النسبة الأكبر في احتساب درجة الامتحان التنافسي حسب التخصص)

Subjects	References
1- Pharmacology and Toxicology	
How drugs act: general principle	Rang and Dale Pharmacology(9 th edition pages (6-21)
How drugs act: molecular aspect	Rang and Dale Pharmacology Pages (22-49)
The autonomic nervous system and the adrenal medulla	Text book of medical physiology (Guyton and Hall) 14 th edition Pages(763-775)
Classification of Toxins in Humans	Clinical Toxicology Principles and Mechanisms, Frank A. Barile, 2 nd Edition Pages(37-52)
2- Pharmacognosy	
Alkaloids	Trease and Evans' Pharmacognosy, 16 th edition chapter 26. Pages 353-413
Chromatography	Chromatography & separation science, chapter 7, pages 101- 131.
3- Clinical laboratory sciences	
Carbohydrates metabolism	Clinical Biochemistry and Metabolic Medicine (Martin A. Crook) , 8th edition. Chapter 12. page (176-199).
Nutrition	Chapter 14 : page (216-223)
4- Clinical Pharmacy	
Hypertension	Pharmacotherapy principles and practice 6 th edition, 2022. Chapter 6, pages 85
Asthma	Chapter 15 starting Pages 293
Rheumatoid arthritis	Chapter 58 starting Pages 951
Diabetes Mellitus	Chapter 44 starting Page 701





5- Pharmaceutics	
Solid dosage form	Ansel's pharmaceutical dosage forms and drug delivery system Loyd V. Allen, Jr., Howard C. Ansel. 10 th edition. section III Pages(214- 299)
Biopharmaceuticals principles of drug delivery, GIT- physiology and drug absorption	Aulton's pharmaceutics. The design and manufacture of medicines , 4th edition Pages(296- 314)
Chemical kinetics and stability	Martins physical pharmacy and pharmaceutical sciences. Physical Chemical and Biopharmaceutical Principles in the Pharmaceutical Sciences, 6th edition Chapter14, starting pages 318
6- Pharmaceutical Chemistry	
Drug Design Strategies	Organic medicinal and pharmaceutical Chemistry 12 edition chapter 2 Pages(3-40)
Metabolic Changes of Drugs:	Chapter 3 Pages (43- 104)
Prodrugs and Drug Latentiation	Chapter 5 Pages (142-155)
Antibacterial Antibiotics	Chapter 8 Pages (258-326)

ا. د أسامة أيوب يعقوب
مسؤول شعبة الدراسات العليا

2024/2/10

