



منهاج الامتحان التنافسي للمتقدمين للدراسات العليا للعام الدراسي ٢٠٢٢/٢٠٢١

لكلية الصيدلة جامعة بغداد

١. منهاج المتقدمين لنيل شهادة الدكتوراه (لجميع الفروع العلمية المفتوحة):

Material	References
1. Pharmacology and Toxicology	
Chapter 24: Haemostasis and Thrombosis. Chapter 32: Obesity	RANG and DALE'S---- Pharmacology/Eight edition 2016
2. Clinical Pharmacy	
1-Heart failure (ch. 9). 2-Acne Vulgaris (ch. 15). 3-Diabetes mellitus (ch.19). 4-Cirrhosis and portal hypertension (ch.21). 5-Parkinson disease (ch. 56). 6-Chronic kidney disease (ch.74). 7-Allergic rhinitis (ch.76).	Pharmacotherapy Handbook. 10th Edition. By Joseph T. DiPiro
3. Pharmaceutical Chemistry	
1. Drug Design Strategies (Chapter 2) 2. Antineoplastic Agents (Chapter 10) 3. Cholinergic Drugs and Related Agents (Chapter 17) 4. Biotechnology and Drug Discovery (Chapter 4)	Wilson and Gisvold Textbook of Organic Medicinal and Pharmaceutical Chemistry.
4. Clinical Chemistry	
Chapter 12: carbohydrate metabolism Chapter 13: Plasma lipids and Lipoproteins	Clinical Biochemistry and metabolic medicine: Crook
5. Pharmaceutics	
1- Chapter 12: Biopharmaceutics 2- Chapter 14: Chemical Kinetic and Stability 3- Chapter 23: Drug Delivery and Targeting	Martin's Physical Pharmacy and Pharmaceutical Sciences. Sixth Edition, by Partrick J, Sinko
6. Pharmacognosy	
Chapter 3: Glycosides Chapter 8: Alkaloids	Pharmacognosy by Tyler, 9 th edition

٢. منهاج المتقدمين لنيل شهادة الماجستير (لجميع الفروع العلمية المفتوحة):

Material	References
1. Pharmacology and Toxicology	
Chapter 13: Cholinergic transmission Chapter 14: Noradrenergic transmission	RANG and DALE'S Pharmacology, Eighth edition
2. Clinical Pharmacy	
1-Gout and hyperuricemia (ch.1). 2-Cirrhosis and portal hypertension (ch.21). 3-Contraception (ch.30). 4-CNS infections (ch.36). 5-Chronic kidney disease (ch.74).	Pharmacotherapy Handbook. 10th Edition. By Joseph T. DiPiro
3. Pharmaceutical Chemistry	
1. Drug Design Strategies (Chapter 2) 2. Antibacterial Antibiotics (Chapter 8) 3. Adrenergic Agents (Chapter 16). 4. Metabolic Changes of Drugs and Related Organic Compounds (Chapter 3).	Wilson and Gisvold Textbook of Organic Medicinal and Pharmaceutical Chemistry
4. Clinical Chemistry	
Chapter 8: The adrenal cortex Chapter 17: Glycolysis & the Oxidation of Pyruvat	- Clinical Biochemistry and metabolic medicine: Crook (for CH 8) - Harper's illustrated biochemistry (for Ch. 17)
5. Pharmaceutics	
1. Chapter 23: Pharmaceutical preformulation 2. Chapter 40: Topical and transdermal drug delivery	Aulton's Pharmaceutics: The design and manufacture of medicines. Fifth edition, by Michael E. Aulton
6. Pharmacognosy	
Glycosides Alkaloids	Trease and Evans pharmacognosy 16 th edition 2009

٣. منهاج المتقدمين لنيل شهادة الدبلوم العالي (لجميع الفروع العلمية المفتوحة):

Material	References
1. Pharmacology and Toxicology	
Chapter 11: Individual variation, pharmacogenomics and personalized medicine	RANG and DALE'S Pharmacology, Eighth edition
2. Clinical Pharmacy	
1-Ischemic heart disease (ch 11) 2-Gastroesophageal reflux disease (ch 24) 3-Tuberculosis (ch 49)	Pharmacotherapy Handbook. 10th Edition. By Joseph T. DiPiro
3. Pharmaceutical Chemistry	
1. Drug Design Strategies (Ch 2) 2. Central Nervous System Depressants (Ch 12) 3. Antiviral Agents (Ch 9)	Wilson and Gisvold Textbook of Organic Medicinal and Pharmaceutical Chemistry
4. Clinical Chemistry	
Chapter 8: The adrenal cortex Chapter 28: Genetics and deoxyribonucleic acid-based technology in clinical biochemistry	- Clinical Biochemistry and metabolic medicine: Crook
5. Pharmaceutics	
1- Chapter 19:- Gastrointestinal tract – physiology and drug absorption 2- Chapter 22:- Dosage regimens	Aulton's Pharmaceutics: The design and manufacture of medicines. Fifth edition, by Michael E. Aulton
6. Pharmacognosy	
1- Principles of Chromatography Method Development 2- Chromatography Techniques	1- Chromatography - Separation, Identification and Purification Analysis by Narasimha S. Lakka and Chandrasekar Kuppamy 2019 2- Chemistry for Queensland Units 1&2 by Oxford University press. 2019, chapter 13