REPUBLIC OF IRAQ Ministry Of Higher Education & Scientific Research University Of Baghdad College Of Pharmacy Foreign Pharmacy Graduate Examination committee



جمهورية العراق وزارة التعليم العالي والبحث العلمي جامعة بغداد / كلية الصيدلة لجنة امتحان معادلة شهادة الصيدلة الأجنبية

No:			العدد:
Date:	/	I - I	التاريخ:
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منهاج امتحان المعادلة لشهادة الصيدلة والذي تم العمل به من امتحان رقم 39 في اذار 2021 لغاية امتحان رقم 39 في حزيران 2022

Syllabus	References
Clinical Biochemistry:	
Chapter 3: The Kidney Chapter 11: Thyroid function	Clinical biochemistry and metabolic medicine By Martin A. Crook.
Chapter 17: Liver disorder and gall stones	medicine by Martin A. Clook.
Chapter 27: Inborn errors of metabolism	
Clinical pharmacy:	
Chronic Kidney Disease and End-Stage	
Renal Disease (chapter 18)	
Hypertension (chapter 19)	
Thrombosis (chapter 23) Asthma (chapter 25)	Clinical Pharmacy and Therapeutics. 6 th
Affective Disorders (chapter 29)	edition 2019. By Cate Whittlesea and
Tuberculosis (chapter 41)	Karen Hodson.
Leukemia (chapter 51)	
Glaucoma (chapter 56)	
Pharmaceutics	Martin's Physical Pharmacy and
Chapter 5: Nonelectrolytes	Pharmaceutical Sciences: Physical
Chapter 7: Ionic Equilibria	Chemical and Biopharmaceutical
Chapter 17: Coarse Dispersions	Principles in the Pharmaceutical
	Sciences, 6th Edition Editors: Sinko, Patrick J.
Chapter 2: New Drug Development and	
Approval Process	Ansel's Pharmaceutical Dosage Forms
Chapter 5: Dosage Form Design: Biopharmaceutical and Pharmacokinetic	and Drug Delivery Systems, 9th Edition Authors: Allen, Loyd V.; Popovich,
Considerations	Nicholas G.; Ansel, Howard C.
Chapter 8: Tablets	Titoliolas G., Tilisel, Howard C.
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Syllabus	References			
Pharmacognosy:				
Alkaloids	Pharmacognosy by Tylor 9 th edition			
Glycosides	and			
Antibiotics	Pharmacognosy by Trease and Evans			
Volatile oil	16 th edition			
Chromatography				
- Chromategraphy				
Pharmacology:				
UNIT IV: Drugs Affecting the Cardiovascular System Chapter 17: Antihypertensive Chapter 18: Diuretics Chapter 19: Heart Failure Chapter 20: Antiarrhythmic Chapter 21: Antianginal Drugs Chapter 22: Anticoagulants and Antiplatelet Agents Chapter 23: Drugs for Hyperlipidemia UNIT VII: Chemotherapeutic Drugs Chapter 37: Principles of Antimicrobial Therapy Chapter 38: Cell Wall Inhibitors483 Chapter 39: Protein Synthesis Inhibitors Chapter 40: Quinolones, Folic Acid Antagonists, and Urinary Tract Antiseptic Chapter 41: Antimycobacterial Drugs	Lippincott Illustrated Reviews: Pharmacology Sixth Edition.			
Pharmaceutical chemistry:				
Physiochemical properties (drug distribution, pro-drug approach, drug metabolism, protein binding of drug, acidic				

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Syllabus	References	
and basic drugs and percent ionization, partition coefficient, QSAR model, combination chemistry, receptors, forces involved in drug receptor interaction, steric features of drugs, optical isomerism and biological activities, calculated conformation, Computer simulation technique, isosterism.		
Biotransformation of drugs and related compounds metabolism. Enzymes involved in drug metabolism place I reaction, oxidation, reduction, hydrolysis, phase II reactions, conjugation		
Chapter that cover the narcotic analgesics, anti-inflammatory drug, steroid hormones, cholinergic drugs, adrenergic drugs, antineoplastic drugs, antibiotics and antimicrobials.		
Atomic and molecular structure. Complexes and chelating agents. Radioisotopes and radiopharmaceutical preparations, contrast media, essential trance elements.	Inorganic medicinal and pharmaceutical chemistry by: Block and Wilson.	
Ultra-violate spectroscopy, Infra-red spectroscopy Mass spectroscopy. Nuclear magnetic resonance spectroscopy.	Spectroscopic identification of organic compounds, by R. M. Silverstein	