



منهاج الامتحان التنافسي للمتقدمين للدراسات العليا للعام الدراسي ٢٠٢٣/٢٠٢٤

لكلية الصيدلة جامعة بغداد

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

| Material | References |
|---|---|
| 1. Pharmacology and Toxicology | |
| Chapter 23: Atherosclerosis and lipoprotein metabolism Chapter 24: Haemostasis and Thrombosis. | RANG and DALE'S---- Pharmacology/Eight edition |
| 2. Clinical Pharmacy | |
| 1-Gout and Hyperuricemi 2-Venous Thromboembolism 3-Thyroid Disorders 4- Inflammatory Bowel Disease 5-Superficial Fungal Infections 6-Schizophreni 7-Chronic Obstructive Pulmonary Disease | Pharmacotherapy Handbook. 11th 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 | |
| 1- The adrenal cortex (chapter 8) 2- The reproductive system (chapter 9) 3- Thyroid function (chapter 11) | Clinical biochemistry and metabolic medicine (Martin A Crook) 8 th . ed. 2013 |
| 5. Pharmaceutics | |
| 1. Chapter 4: Dosage form design: Pharmaceutical and Formulation Consideration 2. Chapter 5: Dosage form design: Biopharmaceutical and Pharmacokinetic consideration 3. Chapter 20: Novel Dosage Forms and Drug Delivery Technologies | Ansel's Pharmaceutical Dosage Forms and Drug Delivery Systems, Ninth edition |
| 6. Pharmacognosy | |
| Chapter 3: Glycosides Chapter 7: Volatile oils Chapter 8: Alkaloids | Pharmacognosy by Tyler, 9 th edition |

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

| Material | References |
|---|--|
| 1. Pharmacology and Toxicology | |
| Chapter 2: How drugs act: general principles Chapter 3: How drugs act: molecular aspects | RANG and DALE'S Pharmacology, Eighth edition |
| 2. Clinical Pharmacy | |
| 1) Acute coronary syndromes (Chapter 5) 2) Diabetes Mellitus (Chapter 19) 3) Inflammatory Bowel Disease (Chapter 26) 4) Asthma (Chapter 78) 5) Urinary incontinence (Chapter 82) | Pharmacotherapy Handbook. 11th 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 | |
| Amino Acids & Peptides (Chapter 3) The hypothalamus and pituitary gland (Chapter 7) | 1- "Harper's Illustrated Biochemistry" 31 st . ed. 2018. 2- "Clinical Biochemistry & Metabolic Medicine" 8 th . ed. 2013 |
| 5. Pharmaceutics | |
| Chapter 44: Pharmaceutical nanotechnology and nanomedicines Chapter 11: Diffusion | Aulton's Pharmaceutics: The design and manufacture of medicines. Fifth edition, by Michael E. Aulton. Martin's Physical Pharmacy and Pharmaceutical Sciences. Sixth Edition, by Partrick J, Sinko |
| 6. Pharmacognosy | |
| Principles of Chromatography Method Development Chromatography Techniques | Chromatography - Separation, Identification and Purification Analysis by Narasimha S. Lakka and Chandrasekar Kuppany 2019 Chemistry for Queensland Units 1&2 by Oxford University press. 2019, chapter 13 |