

منهاج الامتحان التنافسي للمتقدمين للدراسات العليا (دبلوم عالي – ماجستير – دكتوراه)
للعام الدراسي (2020 – 2021)

منهاج الدبلوم العالي :
(فرع الصيدلانيات)

Reference book: Martin's Physical Pharmacy-6th.ed-2011

1- Chapter- 8- Buffered and Isotonic Solutions

Reference book: Aulton Pharmaceutics the Science of Dosage Form design

2- Chapter- 8-Pharmaceutical preformulation

(فرع الكيمياء الصيدلانية)

Reference : Wilson and Gisvold's Textbook of Organic Medicinal and
Pharmaceutical Chemistry

Subject :

1. Drug Design Strategies (Chapter 2)

2. Central Nervous System Depressants (Chapter 12)

3. Central Nervous System Stimulants (Chapter 15)

(فرع العقاقير والنباتات الطبية)

Reference :

1-Chromatography- Separation, identification analysis by Narasimha S.Lakka &
Chandrasekar Kuppany 2019

2- Chemistry for Queensland Units 1&2 by Oxford University press 2019, chapter
13

Subject :

1- Principle of chromatography method development

2- Chromatography Techniques

(فرع العلوم المختبرية)

Reference:

1. Harper's Illustrated Biochemistry, 30th EDITION; 2015.

2. Clinical Biochemistry & Metabolic Medicine by CROOK MA, 8th EDITION; 2012

Subject :

1. Carbohydrate metabolism and clinical disorder

2. Lipids metabolism and clinical disorder

(فرع الادوية السمووم)

Reference: RANG AND DALE'S Pharmacology, Eighth edition.

Subject :

Chapter 11: Individual variation, pharmacogenomics and personalised medicine

(فرع الصيدلة السريرية)

Reference: Pharmacotherapy Handbook. 10th Edition. By Joseph T. DiPiro

Subject :

1-Diarrhea (ch. 23).

2-Breast Cancer (Ch 60).

3-Urinary Incontinence (Ch 81).

منهاج الماجستير :
(فرع الصيدلانيات)

Reference book: Martin's Physical Pharmacy-6th.ed-2011

1-Chapter- 2- state of matter

Reference book: Aulton Pharmaceutics the Science of Dosage Form design

2- Chapter-2-Dissolution and solubility

(فرع الكيمياء الصيدلانية)

Reference : Wilson and Gisvold's Textbook of Organic Medicinal and
Pharmaceutical Chemistry

Subject :

1. Drug Design Strategies (Chapter 2)
2. Antibacterial Antibiotics (Chapter 8)
3. Adrenergic Agents (Chapter 16).

(فرع العقاقير والنباتات الطبية)

Reference :

1. Pharmacognosy by Tyler, 9th edition...chapter 8
2. Pharmacognosy by Tyler, 9th edition.. chapter 3

Subject :

- 1 .Alkaloids
- 2 . Glycoside

(فرع العلوم المختبرية)

Reference:

- 1.Clinical Biochemistry & Metabolic Medicine by CROOK MA, 8th EDITION; 2012.
2. Harper's Illustrated Biochemistry, 30th EDITION; 2015.

Subject :

- 1.The adrenal cortex
2. Catabolism of proteins & of amino acid Nitrogen

(فرع الادوية والسموم)

Reference: RANG AND DALE'S Pharmacology, Eighth edition

Subject :

Chapter 13: Cholinergic transmission

Chapter 14: Noradrenergic transmission

(فرع الصيدلة السريرية)

Reference: Pharmacotherapy Handbook. 10th Edition. By Joseph T. DiPiro

Subject :

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).

منهاج الدكتوراه :

(فرع الصيدلانيات)

Reference book: Martin's Physical Pharmacy-6th.ed-2011

1- chapter- 14- Chemical Kinetics and Stability

2- Chapter- 21- Pharmaceutical Biotechnology

3- Chapter -23- Drug Delivery and Targeting

(فرع الكيمياء الصيدلانية)

Reference: Wilson and Gisvold's Textbook of Organic Medicinal and Pharmaceutical Chemistry.

Subject :

1. Drug Design Strategies (Chapter 2)

2. Antineoplastic Agents (Chapter 10)

3. Cholinergic Drugs and Related Agents (Chapter 17)

(فرع العقاقير والنباتات الطبية)

Reference:

1. Pharmacognosy by Tyler, 9th edition...chapter 8

2-Manske R.H.F.: Alkaloids: chemistry & physiology, volume VIII, New York, academic 1975

3. Pharmacognosy by Tyler, 9th edition.. chapter 3

4. Trease &Evans Pharmacognosy 16th edition 2009..chapter 21

Subject :

1 . Alkaloids

2 . Glycoside

(فرع العلوم المختبرية)

Reference: Clinical Biochemistry & Metabolic Medicine by CROOK MA, 8th EDITION; 2012

Subject :

1. The Kidneys.

2. Liver Disorders.

(فرع الادوية والسموم)

Reference: RANG AND DALE'S Pharmacology, Eighth edition

Subject :

Chapter 57: Harmful effects of drugs

Chapter 59: Biopharmaceuticals and gene therapy

(فرع الصيدلة السريرية)

Reference: Pharmacotherapy Handbook. 10th Edition. By Joseph T. DiPiro

Subject :

1- Rheumatoid arthritis (ch. 4).

2-Acute coronary syndrome (ch. 5).

3-Venous thromboembolism (ch. 14).

4- Thyroid disorders (ch. 20).

5-Inflammatory bowel disease (ch. 26).

6-Pregnancy and Lactation: Therapeutic Considerations (ch. 32).

7-Benign prostatic hyperplasia (ch. 79).