

Hawler Medical University College of Medicine
Department of Pharmacology, Medical Physics, and Medical
Biochemistry

References for Postgraduate Competition Examination 2023

Master of Pharmacology 2023

Reference book:

Lippincott's Illustrated Reviews.

Subjects Include:

Pharmacokinetics and Pharmacodynamics
Drugs Acting on Autonomic nerves system.
Antimicrobial and chemotherapeutic agents
Pharmacology of Hematopoietic and Cardiovascular System
Pharmacology of the Respiratory Systems
Pharmacology of the Gastrointestinal and hepatobiliary systems
Pharmacology of the Genitourinary Systems
Pharmacology of the Endocrine System
Pharmacology of the Central Nervous System
Pharmacology of the Musculoskeletal System
Drugs for Pain, Inflammation, and Arthritic Disorders

PhD of Pharmacology 2023

Reference book:

The pharmacological Basis of Therapeutics, Gilman & Goodman.

Lippincott's Illustrated Reviews.

Subjects Include:

Pharmacokinetics and Pharmacodynamics
Drugs Acting on Autonomic nerves system.
Antimicrobial and chemotherapeutic agents
Pharmacology of Hematopoietic and Cardiovascular System
Pharmacology of the Respiratory Systems
Pharmacology of the Gastrointestinal and hepatobiliary systems
Pharmacology of the Genitourinary Systems
Pharmacology of the Endocrine System
Pharmacology of the Central Nervous System
Pharmacology of the Musculoskeletal System
Drugs for Pain, Inflammation, and Arthritic Disorders
Drugs for Neurodegenerative Diseases

Master of Medical Biochemistry 2023

Reference book:

Lippincott Illustrated Reviews: Biochemistry

Subjects Include:

Chemistry of carbohydrates
Metabolism of carbohydrates
Chemistry of lipids
Metabolism of lipids
Chemistry of proteins
Metabolism of proteins
Enzymes
Vitamins
Nucleic acids
Acids and bases
Water and minerals

Ph.D. of Medical Biochemistry 2023

Reference book:

Lippincott Illustrated Reviews: Biochemistry

Subjects Include:

Chemistry of carbohydrates
Metabolism of carbohydrates
Chemistry of lipids
Metabolism of lipids
Chemistry of proteins
Metabolism of proteins
Enzymes
Vitamins
Nucleic acids
Free radicals and antioxidants
Detoxification
Acids and bases
Water and minerals

Master of Medical Physics 2023

Physics of CT scan, MRI, Fluoroscopy, PET, and Protection	Diagnostic Radiology physics – A handbook for teacher and students By K.H.Ng
Physics of Skeleton	Textbook about <ul style="list-style-type: none"> - human skeleton by Warren Andrew Professor of Anatomy, Indiana University, Indianapolis - Medical physics (John R. Cameron) 1978,1999,2003 2008and 2010
Physics of hearing	Textbook about <ul style="list-style-type: none"> - Introduction to Medical Physics 1st Edition by Stephen Keevil (Editor), Renato Padovani (Editor), Slavik Tabakov (Editor), Tony Greener (Editor) - Medical physics (John R. Cameron) 1978,1999,2003 2008and 2010
Light in Medicine	Medical physics (John R. Cameron) 1978,1999,2003 2008and 2010
General information about Physics of human body and Medical Physics	Medical physics (John R. Cameron) 1978,1999,2003 2008and 2010
Electricity within the body	Textbook about <ul style="list-style-type: none"> - Physics of the human body second edition by Irving P. Herman (2010) - Medical physics (John R. Cameron) 1978,1999,2003 2008and 2010

PhD of Medical Physics 2023

Title of subject	textbook
RADIATION DOSIMETERS	Textbook about RADIATION DOSIMETERS. J. IZEWSKA Division of Human Health International Atomic Energy Agency, Vienna
Modern Radiation Therapy	Physics of Radiation Therapy, The, 4th Edition Editors: Khan, Faiz M. Part III - Modern Radiation Therapy
Optical system in Medicine	Textbook about Optical Physics Arial Lipson Stephen G. Lipson and Henery Lipson
Light in Medicine	Medical physics (John R. Cameron) 1978,1999,2003 2008and 2010
Electricity within the body	Textbook about <ul style="list-style-type: none"> - Physics of the human body second edition by Irving P. Herman (2010) - Medical physics (John R. Cameron) 1978,1999,2003 2008and 2010 - Electromyography (EMG) & Nerve conduction studies (NCS), by Robert Whitten, MD physical medicine and rehabilitation
Advance information about Physics of human body and Medical Physics	- Medical physics (John R. Cameron) 1978,1999,2003 2008and 2010
Advance about Physics of CT scan, MRI, Fluoroscopy, PET, and Protection	Diagnostic Radiology physics – A handbook for teacher and students

Prof. Kawa Dizaye

Head of the department