



وزارة الصحة
Ministry of Health

Kuwait Licensing Exam

Internal Medicine Exam

Internal Medicine Exam blueprint :

No.	Sections	Number of items
1	Cardiovascular	16
2	Pulmonary Diseases	16
3	Gastrointestinal Diseases	15
4	Infectious Diseases	17
5	Hematology	9
6	Oncology	7
7	Nephrology	14
8	Rheumatology	9
9	Endocrinology	14
10	Neuroscience	9
11	Emergency Medicine	12
12	Patient Safety	6
13	Professionalism and Ethics	6
Total		150

- **Content** : 150 Multiple Choice Question – Electronic computer based.
- **Duration** : 170 Minutes with 10 minutes break in between.
- **Number of attempts** : 3 attempts , minimum 6 weeks apart between each attempt.
- Blueprint content, percentages of questions and number of attempts allowed are subjected to change upon department's review and will be updated accordingly.

Passing Score :

- Registrar : 65%
- Senior : 70%

References :

- Harrison's Principles of Internal Medicine, 17th Edition, 2008, Fauci et al, McGraw-Hill.
- Differential Diagnosis in Internal Medicine: From Symptom to Diagnosis, 2007, Siegenthaler, Thieme Medical Publishers.
- Cecil Review of General Internal Medicine, 8th Edition, 2004, Cooper and Pappas, Saunders/Elsevier.
- Davidson's Principles and Practices of Medicine, 20th Edition, 2008, Churchill Livingstone.
- Professionalism and Ethics, Handbook for Residents, Practical guide, Prof. James Ware, Dr. Abdulaziz Fahad Alkaabba, Dr. Ghaiath MA Hussein, Prof. Omar Hasan Kasule, SCFHS, Latest Edition.
- Essentials of Patient Safety, SCHS, Latest Edition.



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General Practitioner Exam

General Practitioner (GENPR) Exam blueprint :

Sections	Subs-sections	Number of Items
Medicine	Cardiology	6
	Pulmonary	5
	Gastroenterology and Hepatology	5
	Nephrology	4
	Infectious Diseases	3
	Endocrine	3
	Hematology	2
	Rheumatology	2
	Neurology	3
	Oncology	2
	Critical Care	2
	Geriatrics	1
	Psychiatry	2
	Patient Safety	1
	Ethics	2
	Preventive	2
	Total	45
Obstetrics and Gynaecology	General Obstetrics	13
	General Gynaecology	13
	Subspecialities	7

Sections	Subs-sections	Number of Items
	Patient Safety	1
	Ethics	2
	Preventive	2
	Total	38
Pediatrics	General Pediatric	10
	Ambulatory	5
	Central Nervous System	1
	Cardiovascular System	1
	Respiratory System	2
	Gastrointestinal System	2
	Musculoskeletal System	1
	Infectious Diseases	2
	Nephrology	1
	Acute Care	2
	Hematology/Oncology	1
	Neonatology	3
	Endocrinology	1
	Genetic/Metabolic	1
	Allergy/Immunology	1
	Patient Safety	1
	Ethics	1
	Preventive	1
	Total	37
Surgery	Basic Principles	3
	General Surgery	15
	Trauma and Acute Care Surgery	6
	Subspecialties	3
	Patient Safety	1
	Ethics	1
	Preventive	1
		Total
	All Sections (Total items) 150	

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- **Duration** : 170 Minutes with 10 minutes break in between.
- **Number of attempts** : 3 attempts , minimum 6 weeks apart between each attempt.
- Blueprint content, percentages of questions and number of attempts allowed are subjected to change upon reviewing and will be updated accordingly.

Passing Score : 60%

References :

Medicine

- Harrison's Principles of Internal Medicine, 17th Edition, 2008, Fauci et al, McGraw-Hill.
- Differential Diagnosis in Internal Medicine: From Symptom to Diagnosis, 2007, Siegenthaler, Thieme Medical Publishers.
- Cecil Review of General Internal Medicine, 8th Edition, 2004, Cooper and Pappas, Saunders/Elsevier.
- Davidson's Principles and Practices of Medicine, 20th Edition, 2008, Churchill Livingstone.
- Professionalism and Ethics, Handbook for Residents, Practical guide, Prof. James Ware, Dr. Abdulaziz Fahad Alkaabba, Dr. Ghaiath MA Hussein, Prof. Omar Hasan Kasule, SCFHS, Latest Edition.
- Essentials of Patient Safety, SCHS, Latest Edition.

Obstetrics and Gynecology

- Neville F. Hacker, MD, Joseph C. Gambone, DO, MPH, Executive Editor and Calvin J. Hobel, MD, . Hacker and Moore's Essentials of Obstetrics and Gynecology.
- Alan H. DeCherney, Lauren Nathan, T. Murphy Goodwin, Neri Laufer and Ashley S. Roman, Current Diagnosis and Treatment Obstetrics and Gynecology, 11th Edition.
- Louise Kenny, Helen Bickerstaff and Jenny Myers, . Gynaecology by Ten Teachers, 20th Edition Value Pak.
- Jeremy J N Oats, MBBS, DM, FRCOG, FRANZCOG and Suzanne Abraham, MSc, PhD(Med), MAPS, . Llewellyn-Jones Fundamentals of Obstetrics and Gynaecology Edition.

Pediatrics

- Daniel Bernstein , Steven P. Shelov MD, MS. Pediatrics for Medical Students.
- Karen Marcadante MD , Robert M. Kliegman MD . Nelson Essentials of Pediatrics, 7th Edition.

- Tom Lissauer , Will Carroll. Illustrated Textbook of Pediatrics 5th Edition

Surgery

- John L. Cameron , Andrew M. Cameron. Current Surgical Therapy, 12th edition, 2017.
- Norman Williams, Christopher Bultrode and P Ronan O'Connell. Bailey and Love's Short Practice of Surgery, 26th edition, 2013.
- The University of Cincinnati Residents and Amy Makley .The Mont Reid Surgical Handbook: Mobile Medicine Series, 7th edition, 2017

Patient Safety, Preventive Medicine and Ethics

- Walton, M. (2011). Patient Safety Curriculum Guide. Geneva: World Health Organization • Katz D, Jekel J, Elmore J, Wild D, Lucan S. Jekel's Epidemiology, Biostatistics, Preventive Medicine, and Public Health. 4th ed. 2013.
- U.S. Preventive Services Task Force: Guide to Clinical Preventive Services.
- Al kaabba F. Abdulaziz, Hussein MA Ghaiath, Kasule H. Omar SCFHS-2015, Professionalism and Ethics Handbook for Residents Practical guide.



وزارة الصحة
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Kuwait Licensing Exam

Registered Nurse Exam

Registered Nurse (RN) Exam blueprint:

No.	Sections	Subs-sections	Number of items	
1	Nursing Fundamentals	Fundamentals of nursing	12	30
		Physical assessment	9	
		Pharmacology	6	
		Clinical of nutrition	3	
2	Adult Nursing	Medical nursing	15	60
		Surgical nursing	15	
		Critical care nursing	11	
		Community nursing	12	
		Mental / psychiatric nursing	7	
3	Maternal-Child Nursing	Maternity nursing	17	45
		Gynecology	3	
		Neonatal nursing	6	
		Pediatric medical	12	
		Pediatric surgical	7	
4	Nursing Management and Leadership	Resources to support and coordinate patient care	3	15
		Quality and safe patient care at the frontline	6	
		Nursing teams and interprofessional relations	3	
		Nursing informatics for safe and legal delivery of patient care	3	
Total			150	150

- **Content** : 150 Multiple Choice Question – Electronic computer based.
- **Duration** : 170 Minutes with 10 minutes break in between.
- **Number of attempts** : 3 attempts , minimum 6 weeks apart between each attempt.
- Blueprint content, percentages of questions and number of attempts allowed are subjected to change upon department’s review and will be updated accordingly.

Passing Score : 60%

References :

Nurse Fundamental

- Timby's Fundamental Nursing Skills and Concepts 12th Edition (International Edition), 2020 Author: Lo retta A. Moreno ISBN/ISSN 9781975141769 Publisher: Wolters Kluwer
- Workbook for Timby's Fundamental Nursing Skills and Concepts 12th Edition, 2020 Authors: Lo retta A. Moreno, Brigitte Moseley, and Barbara Kuhn Timby ISBN/ISSN 9781975159658 Publisher: Wolters Kluwer
- Kozier & Erb's Fundamentals of Nursing 10th Edition, 2016 Author: Audrey Berman, Charles Snyder, and GERALYN FRANDSEN. ISBN13: 9781292106106 Publisher: Pearson
- Bates' Nursing Guide to Physical Examination and History Taking 2nd Edition, 2016 Authors: Beth Hogan - Quigley, Mary Louise Palm, and Lynn S. Bickley. ISBN/ISSN 9781496305565 Publisher: Wolters Kluwer
- Bates' Visual Guide to Physical Examination (Clinical Skills Database) (Access via E - Library) <https://batesvisualguide.com/>
- Pharmacology a Patient-Centered Nursing Process Approach 9th Edition, 2017 Authors: Linda McCu istion , Kathleen DiMaggio, Mary Beth Winton, and Jennifer Yeager. eBook ISBN: 9780323399159 Paperback ISBN: 9780323399166 Publisher: Saunders
- Nutrition Essentials for Nursing Practice 9th Edition, 2021 Author: Susan Dudek ISBN/ISSN 9781975161125 Publisher: Wolters Kluwer

Adult Nursing

- Brunner & Suddarth's Textbook of Medical-Surgical Nursing, 14th Ed., 2018 Authors: Janice L. Hinkle PhD, RN, CNRN, Kerry H. Cheever PhD, RN ISBN/ISSN: 9781496355133 14th Edition (International Edition) Pages: 2352
- Clinical Handbook for Brunner & Suddarth's Textbook of Medical-Surgical Nursing, 14th Ed. 2018 Author(s) : Lippincott Williams & Wilkins ISBN/ISSN 978149635514

- Medical-Surgical Nursing Assessment and Management of Clinical Problems, 11th Edition, 2020. Authors: Sharon Lewis, Linda Bucher, Margaret Heitkemper, Mariann Harding, Jeffrey Kwong, and Dottie Roberts. eBook ISBN: 9780323371438 Imprint: Mosby Published Date: September 2016 Page Count: 1776
- Perry, A.G., Potter, P.A., Ostendorf, W. (2017). Clinical nursing skills and techniques (9th Edition) . Mosby. ISBN-13: 978-0323400695 ISBN-10: 0323400698 10th Ed. March 2021
- Critical Care Nursing Diagnosis and Management, 9th Edition, 2021 Authors: Linda Urden Ka thleen Stacy Mary Lough Paperback ISBN: 9780323642958 Paperback ISBN: 9780323751476 eBook ISBN: 9780323696791 Imprint: Elsevier, March 2021
- Emergency and Trauma Care for Nurses and Paramedics, 3rd Edition, 2019 Authors: Kate Curtis, Clair Ramsden, Ramon Shaban, Margaret Fry & Julie Considine eBook ISBN: 9780729587204 Paperback ISBN: 9780729542982 Elsevier
- Patricia Gonce Morton, Dorrie K. Fontaine. (2018) Critical Care Nursing: A Holistic Approach 11th edition. Philadelphia: Wolters Kluwer
- Community & Public Health Nursing, Promoting the Public's Health, 7th Ed., 2019 Author(s): Cherie Rector PhD, RN-C ISBN/ISSN 9781496349828 Lippincott Williams & Wilkins
- Stanhope, M. & Lancaster, J. (2020). Public health nursing: Population -centered health care in the community (10th Edition). St. Louis, Missouri: Elsevier. ISBN-13: 978-0323582247 ISBN-10: 0323582249
- Psychiatric Nursing: Contemporary Practice, 2017 Author(s): Mary Ann Boyd PhD, DNS, RN, PMH CNS -BC ISBN/ISSN 9781451192438 Lippincott Williams & Wilkins Lippincott's
- Sheila L. Videbeck. (2020): Psychiatric Mental Health Nursing, Wolters Kluwer Health/Lippincott: Lippincott Williams & Wilkins, 8th Edition. Varcarolis, E. M. & Halter, M. J. (2018).
- Manual of Psychiatric Nursing Care Plans, 2012 Author(s): Judith M. Schultz MS, RN, Sheila L. Videbeck PhD, RN ISBN/ISSN 9781609136949

Maternal- Child Nursing

- "Murray S. and McKinney E. (2019). Foundations of Maternal-Newborn and Women's Health Nursing 7th Edition. C74
- Susan Scott Ricci (2017) Essentials of Maternity, Newborn, and Women's Health Nursing, Fifth Edition. Philadelphia, Wolters Kluwer".
- "Hockenberry, M.J., and Wilson, D., (2018): Wong's Essentials of Pediatric Nursing, 9th ed., Elsevier • Hockenberry, M. & Wilson, D. (2020). Wong's Nursing Care of Infants and Children. 11th edition . London: Mosby Company"

Unit Management and Leadership

- "Sherwood G. & Barnsteiner J. (2017) Quality and Safety in Nursing: A Competency Approach to Improving Outcomes (2nd edition). Wiley Blackwell: New Jersey
- Polit, Denise F., Beck, C. T. (2018). Essentials of nursing research: appraising evidence for nursing practice. (9th ed.) Philadelphia: Wolters Kluwer".
- Marquis, B.L. & Huston, C.J. (2020). Leadership Roles and Management Functions in Nursing: Theory and Application, 10th Edition.
- Sewell, J. (2019). Informatics and Nursing: Opportunities and challenges. Wolters Kluwer Health; 6th edition.



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Ophthalmology Exam

Ophthalmology (OPTHOM) Exam blueprint

No.	Sections	Number of Items
1	Anterior segment	26
2	Glaucoma	20
3	Retina	22
4	Uveitis	11
5	Pediatric Ophthalmology	20
6	Oculoplastic	18
7	Neuro-ophthalmology	13
8	Comprehensive (Optics/Pathology)	10
9	Patient Safety	5
10	Professionalism and Ethics	5
Total		150

- **Content** : 150 Multiple Choice Question – Electronic computer based.
- **Duration** : 170 Minutes with 10 minutes break in between.
- **Number of attempts** : 2 attempts , minimum 6 weeks apart between each attempt.
- Blueprint content, percentages of questions and number of attempts allowed are subjected to change upon department's periodic review and will be updated accordingly.

Passing Score :

- Registrar : 65%
- Senior : 70%

References :

- Basic and Clinical Science Course (BCSC) Residency Print Set, by American Academy of Ophthalmology, Latest Edition.
- Kanski's Clinical Ophthalmology: A Systematic Approach by Brad Bowling, Latest Edition.
- Ophthalmology: Expert Consult: Yanoff MD, Myron; Duker MD, Jay S., Latest Edition.
- Duane's Clinical Ophthalmology by William Tasman, Edward A. Jaeger, Latest Edition.
- Professionalism and Ethics, Handbook for Residents, Practical guide, Prof. James Ware, Dr. Abdulaziz Fahad Alkaabba, Dr. Ghaiath MA Hussein, Prof. Omar Hasan Kasule, SCFHS, Latest Edition.
- Essentials of Patient Safety, SCHS, Latest Edition.



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Critical Care Exam

Critical Care Exam blueprint:

No.	Sections	Number of items
1	Pulmonary Disease and Mechanical Ventilation	23
2	Gastrointestinal Disorders	9
3	Pharmacology and Toxicology	9
4	Cardiovascular Diseases and Hemodynamics	20
5	Infectious Diseases	12
6	Renal, Endocrine and Metabolic Disorders	15
7	Hematologic and Oncologic Disorders	9
8	Neurologic Disorders	15
9	Critical Care Radiology	4
10	Obstetrics and Gynecology Disorders	4
11	Surgery, Trauma, Burn and Transplantation	15
12	Professionalism and Ethics	8
13	Patient Safety	7
Total		150

- **Content** : 150 Multiple Choice Question – Electronic computer based.
- **Duration** : 170 Minutes with 10 minutes break in between.
- **Number of attempts** : 3 attempts , minimum 6 weeks apart between each attempt.
- Blueprint content, percentages of questions and number of attempts allowed are subjected to change upon department's periodic review and will be updated accordingly.

Passing Score :

- Registrar : 65%
- Senior : 70%

References :

- Hall, JB, Schmidt, GA, Wood, LD. Principles of Critical Care. USA: The McGraw-Hill Companies, Latest Edition.
- Tierney McPhee Papadakis. Current Medical Diagnosis and Treatment, USA: The McGraw-Hill Companies, Latest Edition.
- Fauci, AS, Kasper, DF, Longo, DL, Braunwald, E, Hauser, SL, Jameson, JL, Loscalzo, J. Harrison's Principles of Internal Medicine. USA: The McGraw-Hill Companies, Latest Edition.
- Marino, PL. The ICU Book, Pennsylvania: Lippincott Williams and Wilkins, Latest Edition.
- Curtis, GT, Nelson, LT. ICU Recall, USA: Lippincott Williams and Wilkins, Latest Edition.
- Professionalism and Ethics, Handbook for Residents, Practical guide, Prof. James Ware, Dr. Abdulaziz Fahad Alkaabba, Dr. Ghaiath MA Hussein, Prof. Omar Hasan Kasule, SCFHS, Latest Edition.
- Essentials of Patient Safety, SCHS, Latest Edition



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Anesthesia Exam

Anesthesia Exam blueprint :

No.	Sections	Number of Items
1	Airway	15
2	Thoracic, Cardiac and Vascular	14
3	Neurosurgical and Critical Care Medicine	13
4	Obstetrics	15
5	Neonatal and Pediatric	14
6	Organ Based Anaesthesia	15
7	Trauma, Burns and Orthopedic Surgery	15
8	Regional Anaesthesia, Acute and Chronic Pain	12
9	Peri Operative Medicine	15
10	Non Operative Room Anaesthesia	12
11	Patient Safety	6
12	Professionalism and Ethics	4
Total		150

- **Content** : 150 Multiple Choice Question – Electronic computer based.
- **Duration** : 190 Minutes with 10 minutes break in between.
- **Number of attempts** : 3 attempts , minimum 6 weeks apart between each attempt.
- Blueprint content, percentages of questions and number of attempts allowed are subjected to change upon reviewing and will be updated accordingly.

Passing Score :

- Registrar : 65%
- Senior : 70%

References :

- Clinical Anesthesiology: Morgan and Mikhail's.
- Stoelting's Anaesthesia and Co-Existing Disease: Roberta L. Hines MD.
- Clinical Anaesthesia (Clinical Anesthesia (Barash) Lippincott Williams and Wilkins.
- Anaesthesia, Ronald D. Miller (Churchill Livingstone).
- The ICU Book, Paul L. Marino (Williams and Wilkins).
- Anesthesiology, Problem-Oriented Patient Management, 3rd ED. Fun-Sun f. Yao and Joseph Artusio, Jr (eds.) Philadelphia, 1993 J.B. Lippincott Co., Inc.
- Professionalism and Ethics, Handbook for Residents, Practical guide, Prof. James ware, Dr. Abdulaziz Fahad Alkaabba, Dr. Ghaith MA Hussein, Prof. Omar hasan Kasule, SCFHS, Latest Edition.
- Essentials of Patient Safety, SCFHS, Latest Edition.



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Dermatology Exam

Dermatology Exam blueprint:

No.	Sections	Number of items
1	Papulosquamous and Eczematous Dermatitis	20
2	Urticaria, Erythemas, Purpura and Connective Tissue Diseases	12
3	Vesiculobullous Disorders	8
4	Adnexal, Hair, Nails and Mucous Membranes Diseases	8
5	Metabolic, Systemic Diseases and Disorders of Dermal Connective Tissues and Subcutaneous Fat	12
6	Infections	12
7	Cutaneous Neoplasms	21
8	Pediatric Dermatology	15
9	Procedural Dermatology	14
10	Skin Manifestations of Other Diseases	7
11	Pigmentary Disorders and Photodermatitis	7
12	Patient Safety	7
13	Professionalism and Ethics	7
Total		150

- **Content** : 150 Multiple Choice Question – Electronic computer based.
- **Duration** : 170 Minutes with 10 minutes break in between.
- **Number of attempts** : 3 attempts , minimum 6 weeks apart between each attempt.
- Blueprint content, percentages of questions and number of attempts allowed are subjected to change upon department's period review and will be updated accordingly.

Passing Score :

- Registrar : 65%
- Senior : 70%

References :

- Goldsmith, Lowell A, et al. Fitzpatrick's Dermatology in General Medicine. Latest Edition., vol. 2, McGraw Hill Professional.
- Bologna, Jean L, et al. Dermatology. Latest Edition, Gulf Professional Publishing.
- Wolverton, Stephen E. Comprehensive Dermatologic Drug Therapy. Latest Edition, Elsevier Health Sciences.
- Professionalism and Ethics, Handbook for Residents, Practical guide, Prof. James Ware, Dr. Abdulaziz Fahad Alkaabba, Dr. Ghaiath MA Hussein, Prof. Omar Hasan Kasule, SCFHS, Latest Edition.
- Essentials of Patient Safety, SCHS, Latest Edition.



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Obstetrics & Gynecology Exam

Obstetrics & Gynecology Exam blueprint :

No.	Section	Number of items
1	General obstetrics	36
2	General Gynecology	31
3	Maternal fetal medicine	15
4	Gynecology Oncology	15
5	Women health	14
6	Urogynecology and Pelvic Floor disorders	8
7	Reproductive endocrinology & infertility	12
8	Perioperative Management	7
9	Patient Safety	4
10	Professionalism and Ethics	8
Total		150

- **Content** : 150 Multiple Choice Question – Electronic computer based.
- **Duration** : 170 Minutes with 10 minutes break in between.
- **Number of attempts** : 3 attempts , minimum 6 weeks apart between each attempt.
- Blueprint content, percentages of questions and number of attempts allowed are subjected to change upon department's periodic review and will be updated accordingly.

Passing Score :

- Registrar : 65%
- Senior : 70%

References :

- Williams Obstetrics, 23rd Edition, 2009, Cunningham et al, Appleton & Lange.
- Clinical Gynecological Endocrinology & Infertility, 7th Edition, 2004, Leon Speroff, Lippincott.
- Perek and Novak Gynecology, 14th edition, 2006, Jonathan Perek, Lippincott.
- Comprehensive Gynecology, 5th Edition, 2007, Vern Katz et al, Mosby.
- Professionalism and Ethics, Handbook for Residents, Practical guide, Prof. James Ware, Dr. Abdulaziz Fahad Alkaabba, Dr. Ghaiath MA Hussein, Prof. Omar Hasan Kasule, SCFHS, Latest Edition.
- Essentials of Patient Safety, SCHS, Latest Edition.



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Lab Technician Exam

Lab Technician Exam blueprint :

No.	Sections	Number of items
1	Microbiology	30
2	Clinical Chemistry	30
3	Hematology	30
4	Blood Bank	30
5	Immunology / Serology	23
6	Histo/Cyto-Techniques	7
Total		150

- **Content** : 150 Multiple Choice Question – Electronic computer based.
- **Duration** : 170 Minutes with 10 minutes break in between.
- **Number of attempts** : 3 attempts , minimum 6 weeks apart between each attempt.
- Blueprint content, percentages of questions and number of attempts allowed are subjected to change upon department's periodic review and will be updated accordingly.

Passing Score : 60%

References :

- Laboratory Practice in Tropical Countries, Monica Cheesbrough (Latest Edition).
- Manual on Standard Operation Procedures, Sample Collection and Reference Ranges for Clinical Chemistry, Meliyanthi M. Gunatillaka (Latest Edition).
- Clinical Immunology and Serology, Christine Dorresteyn Stevens (Latest Edition).
- HENRY'S Clinical Diagnosis and Management by Laboratory Methods, McPherson, (Latest Edition).
- Modern Blood Banking & Transfusion Practices, By: Denise M. Harmening, (Latest edition).
- A Manual of Laboratory and Diagnostic Tests, (9th Edition), (Fischbach, F. and Dunning, M.B.).
- Tietz Fundamentals of Clinical Chemistry and Molecular Diagnostics, (Latest Edition), (Burtis, C.A. and Bruns, D.E.).
- Wintrobe's Clinical Hematology, (14th Edition), (Greer, et al.).
- Clinical Laboratory Science, Mary Louise Turgeon.
- Tille, P. (2013). Bailey & Scott's Diagnostic Microbiology (13th ed.). Mosby
- Bishop, M. L., Fody, E. P., & Schoeff, L. E. (2010). Clinical Chemistry: Techniques, principles, correlation (6th ed.). Lippincott Williams & Wilkins.
- Harmening D.M.(2012). Modern Blood Banking & Transfusion Practices.6th Ed.Philadelphia, PA: F.A.Davis Company.
- Bancroft's Theory and Practice of Histological Techniques (8th Edition), Suvarna, Layton, Bancroft.
- Todd, I., Spickett, G., & Fairclough, L. (n.d.). Lecture Notes: Immunology (7th ed.). Wiley.
- Rodak, B. F., & Carr, J. H. (n.d.). Clinical Hematology Atlas (5th ed.). Elsevier.