

Specialty Physician Exams Qualifying Examination Blueprint

1. Anatomical Pathology

Evaluation Item	Content	No. of items	Passing Score
(150 MCQs, 3 ½ hours)	1. Cytology	14	65%
	2. Skin	7	
	3. Head and Neck and CNS	23	
	4. Respiratory Tract and Cardiovascular System	9	
	5. Endocrine System	9	
	6. GIT	23	
	7. Soft tissue and Bone	9	
	8. Male Reproductive System and Urinary Tract	13	
	9. Breast and Female Reproductive System and Placenta	29	
	10. Hematolymphoid	7	
	11. Quality Control, Lab Safety and Lab Management	7	
Total		150	

2. Anesthesia

Evaluation Item	Content	Required items	Passing Score
(150 MCQs, 3 ½ hours)	12. Airway	15	65%
	13. Thoracic, Cardiac and Vascular	14	
	14. Neurosurgical and Critical Care Medicine	13	
	15. Obstetrics	15	
	16. Neonatal and Pediatric	14	
	17. Organ Based Anesthesia	15	
	18. Trauma, Burns and Orthopedic Surgery	15	
	19. Regional Anesthesia, Acute and Chronic Pain	12	
	20. Peri Operative Medicine	15	
	21. Non-Operative Room Anesthesia	12	
	22. Patient Safety	6	
	23. Professionalism and Ethics	4	
	Total		



3. Cardiology

Evaluation Item	Content	Required items	Passing Score
(150 MCQs, 3 ½ hours)	1. Coronary Artery Disease	30	65%
	2. Cardiac Failure	23	
	3. Valvular Diseases	15	
	4. Cardiac Arrhythmia	15	
	5. Congenital Heart Disease	8	
	6. Pericardial	8	
	7. Cardiac Pharmacology	15	
	8. Systemic Diseases	8	
	9. Peripheral Vascular Disease	7	
	10. Cardiomyopathies	7	
	11. Patient Safety	7	
	12. Professionalism and Ethics	7	
Total		150	

4. Clinical pathology

Evaluation Item	Content	No. of items	Passing Score
(150 MCQs, 3 ½ hours)	1. Benign Hematology (Haemoglobinopathies, Anemia, Coagulopathies)	12	65%
	2. Malignant Hematology (Leukemia, Lymphoma)	12	
	3. Surgical Pathology, Autopsy and Forensic Pathology	8	
	4. Bacteriology	15	
	5. Mycology and Parasitology	8	
	6. Virology, Immunology and Serology	7	
	7. Cytogenetics and Molecular Studies	7	
	8. Clinical Chemistry and Toxicology	45	
	9. Blood Transfusion Medicine	13	
	10. Laboratory management, Quality, Safety and Ethics	23	
Total		150	



5. Critical Care Medicine

Evaluation Item	Content	Required items	Passing Score
(150 MCQs, 3 ½ hours)	1. Pulmonary Disease and Mechanical Ventilation	23	65%
	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	

6. Community Medicine

Evaluation Item	Content	No. of items	Passing Score
(150 MCQs, 3 ½ hours)	1. Epidemiology / Research methods	30	65%
	2. Clinical Preventive Services	23	
	3. Biostatistics	15	
	4. Behavioral and mental health	7	
	5. Health promotion & Health education	15	
	6. Health services management	11	
	7. Maternal and child health care	8	
	8. International Health	7	
	9. Health informatics	7	
	10. Occupational health	9	
	11. Environmental health	11	
	12. Community Medicine ethics / legal aspects	7	
Total		150	



7. Dermatology

Evaluation Item	Content	Required items	Passing Score
(150 MCQs, 3 ½ hours)	1. Papulosquamous and Eczematous Dermatitis	20	65%
	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	

8. Diagnostic Radiology

Evaluation Item	Content	Required items	Passing Score
(150 MCQs, 3 ½ hours)	1. Body Imaging	18	65%
	2. Neuro Imaging	18	
	3. Head and Neck Imaging	8	
	4. Musculoskeletal Imaging	18	
	5. Chest Imaging	18	
	6. Cardiovascular Imaging	11	
	7. Pediatrics Imaging	18	
	8. Women Imaging	12	
	9. Ethics and Research	7	
	10. Patient Safety	7	
	11. Contrast, Physics and Radiation Safety	15	
Total		150	



9. Emergency Medicine

Evaluation Item	Content	Required items	Passing Score
(150 MCQs, 3 ½ hours)	1. Resuscitation/Shock/Airway	20	65%
	2. Obstetrics and Gynecology	7	
	3. Neurology/Psychiatry	9	
	4. Gastroenterology	7	
	5. Cardiovascular & respiratory diseases	15	
	6. Endocrine/Electrolytes/Nephrology/Urology	7	
	7. Hematology & Oncology	7	
	8. Pediatrics	12	
	9. Trauma/EMS/Disaster	20	
	10. Orthopedic	11	
	11. Toxicology / environmental	12	
	12. ID, ENT, Ophta, Derma, End of life and Palliative care	8	
	13. Patient Safety	8	
	14. Professionalism and Ethics	7	
Total		150	

10. Endocrinology

Evaluation Item	Content	Required items	Passing Score
(150 MCQs, 3 ½ hours)	1. Diabetes mellitus	30	65%
	2. Obesity	10	
	3. Dyslipidemia	11	
	4. Thyroid Disorders	23	
	5. Hypothalamus and Pituitary Disorders	15	
	6. Adrenal Disorders	12	
	7. Parathyroid / Metabolic bone diseases	15	
	8. Reproductive Endocrinology	12	
	9. Peds endocrinology	8	
	10. Patient Safety	7	
	11. Professionalism and Ethics	7	
Total		150	



11. Family Medicine

Evaluation Item	Content	Required items	Passing Score
(150 MCQs, 3 ½ hours)	1. Family Medicine	27	65%
	2. Internal Medicine	18	
	3. Pediatric	14	
	4. Obstetrics and Gynecology	14	
	5. General Surgery	9	
	6. Psychiatry	14	
	7. Emergency Medicine (Adult and Pediatric)	18	
	8. Dermatology	7	
	9. Orthopedic and Musculoskeletal	8	
	10. Ophthalmology	7	
	11. Otolaryngology	7	
	12. Radiology	7	
Total		150	

12. Forensic Medicine

Evaluation Item	Content	No. of items	Passing Score
(150 MCQs, 3 ½ hours)	1. Forensic Thanatology	15	65%
	2. Identification	8	
	3. Sudden Unexpected Death	15	
	4. Mechanical and Physical Injuries	45	
	5. Asphyxia	8	
	6. Injuries Due to Physical Agents	7	
	7. Road Traffic Accidents	7	
	8. Infanticide and Death Associated with Pregnancy	8	
	9. Sexual Assaults	15	
	10. Forensic Toxicology and Sciences	15	
	11. Professionalism and Ethics	7	
Total		150	



13. Gastroenterology

Evaluation Item	Content	Required items	Passing Score
(150 MCQs, 3 ½ hours)	1. Gastroenterology Nutrition Motility Disorders	9	65%
	2. Gastrointestinal Malignancies	13	
	3. Inflammatory Bowel Diseases, Small and Large Intestine	9	
	4. Gastrointestinal Bleeding	23	
	5. Oesophageal and Gastric Diseases	21	
	6. Pancreaticobiliary Diseases	23	
	7. Liver and Liver Related Conditions and Diseases	38	
	8. Patient Safety	7	
	9. Professionalism and Ethics	7	
Total		150	

14. General Surgery

Evaluation Item	Content	Required items	Passing Score
(150 MCQs, 3 ½ hours)	15. Fluid and Electrolytes	7	65%
	16. Shock	6	
	1. Sepsis and Surgical Infections	10	
	2. Endocrine and Breast	11	
	3. Upper GI	21	
	4. Hepato-biliary	15	
	5. Patient Safety	7	
	6. Perioperative Care	3	
	7. Trauma and Critical Care	11	
	8. Colorectal and Perianal	21	
	9. Pancreas and Spleen	11	
	10. Hernia (all)	11	
	11. Vascular	3	
	12. Paediatrics	4	
13. Skin and Soft Tissue	3		
14. Professionalism and Ethics	6		
Total		150	



15. Hematology and Oncology

Evaluation Item	Content	No. of items	Passing Score
(150 MCQs, 3 ½ hours)	1. Red Cell Disorders	21	65%
	2. Benign White Cell Disorders	7	
	3. Bone Marrow Failure Syndromes	8	
	4. Bleeding Disorders	17	
	5. Thrombophilias	14	
	6. Myeloproliferative Disorders	16	
	7. Acute Leukemia and Myelodysplastic Syndromes	18	
	8. Lymphoproliferative Disorders (including plasma cell dyscrasias)	15	
	9. Hematologic Emergencies and Complications	8	
	10. Transfusion Medicine	8	
	11. Bone Marrow Transplant and its Complications	7	
	12. Patient Safety	7	
	13. Professionalism and Ethics	4	
Total		150	

16. Medical Microbiology

Evaluation Item	Content	No. of items	Passing Score
(150 MCQs, 3 ½ hours)	1. Microbiology	105	65%
	2. Urinalysis & Other Body Fluids	12	
	3. Immunology and Serology	12	
	4. Laboratory Operations	14	
	5. Patient Safety and Professionalism	7	
Total		150	

17. Internal Medicine

Evaluation Item	Content	Required items	Passing Score
	1. Cardiovascular	15	
	2. Pulmonary Diseases	15	
	3. Gastrointestinal Diseases	15	



(150 MCQs, 3 ½ hours)	4. Infectious Diseases	17	65%
	5. Hematology	9	
	6. Oncology	7	
	7. Nephrology	12	
	8. Rheumatology	12	
	9. Endocrinology	14	
	10. Neuroscience	9	
	11. Emergency Medicine	10	
	12. Patient Safety	8	
	13. Professionalism and Ethics	7	
Total		150	

18. Nephrology

Evaluation Item	Content	No. of items	Passing Score
(150 MCQs, 3 ½ hours)	1. Hemodialysis	20	65%
	2. Peritoneal Dialysis	7	
	3. Kidney Transplantation	7	
	4. Chronic Kidney Disease (CKD): Detection and Management	21	
	5. Acute Kidney Injury (AKI) and Critical Care	20	
	6. Fluid and Electrolytes and Acid Base Disorders	20	
	7. Hypertension	10	
	8. Glomerular and Vascular	20	
	9. Cystic, Genetic Diseases and Nephrolithiasis	11	
	10. Patient safety	7	
	11. Professionalism and Ethics	7	
Total		150	

19. Neurology

Evaluation Item	Content	No. of items	Passing Score
(150 MCQs,	1. Cerebrovascular Disorders	23	
	2. Epilepsy and Paroxysmal Disorders	23	
	3. Cognitive Disorders	10	
	4. Movement Disorders	10	
	5. Neuro-Immunological Disorders	10	



3 ½ hours)	6. Neuro-infectious Disorders	10	65%
	7. Neuromuscular Disorders	11	
	8. Cephalgia and Headache Disorders	23	
	9. Neurology of systemic diseases	8	
	10. Clinical Neurophysiology	7	
	11. Patient Safety	7	
	12. Professionalism and Ethics	8	
Total		150	

20. Neurosurgery

Evaluation Item	Content	Required items	Passing Score
(150 MCQs, 3 ½ hours)	1. Neurovascular	15	65%
	2. Neuro-oncology	15	
	3. Neurotrauma	15	
	4. Pediatric Neurosurgery	15	
	5. Spine	15	
	6. Functional Neurosurgery	10	
	7. Peripheral nerves surgery	10	
	8. General Neurosurgical Principles	15	
	9. Neuroanatomy & Neurophysiology	9	
	10. Neuropathology/Neuroradiology & Neurology	15	
	11. Research & Ethics	8	
	12. Patient Safety	8	
Total		150	

21. Obstetrics and Gynecology

Evaluation Item	Content	Required items	Passing Score
(150 MCQs, 3 ½ hours)	1. General obstetrics	31	65%
	2. General Gynecology	26	
	3. Maternal fetal medicine	17	
	4. Gynecology Oncology	19	
	5. Women health	14	
	6. Urogynecology and Pelvic Floor disorders	8	
	7. Reproductive endocrinology & infertility	12	



	8. Perioperative Management	7	
	9. Patient Safety	8	
	10. Professionalism and Ethics	8	
Total		150	

22. Ophthalmology

Evaluation Item	Content	Required items	Passing Score
(150 MCQs, 3 ½ hours)	1. Anterior segment	26	65%
	2. Glaucoma	15	
	3. Retina	22	
	4. Uveitis	11	
	5. Pediatric Ophthalmology	20	
	6. Oculoplastic	14	
	7. Neuro-ophthalmology	13	
	8. Comprehensive (Optics/Pathology)	15	
	9. Patient Safety	7	
	10. Professionalism and Ethics	7	
Total		150	

23. Orthopedic Surgery

Evaluation Item	Content	Required items	Passing Score
(150 MCQs, 3 ½ hours)	1. Infections	15	65%
	2. Trauma	30	
	3. Pediatric Orthopedics	23	
	4. Orthopedic Sport Medicine	15	
	5. Metabolic Skeletal Disorders	8	
	6. Spine	7	
	7. Reconstruction	15	
	8. Upper Limb	7	
	9. Foot and Ankle	7	
	10. Oncology	7	
	11. Patient Safety	8	
	12. Professionalism and Ethics	8	



Total	150	
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24. Otorhinolaryngology

Evaluation Item	Content	Required items	Passing Score
(150 MCQs, 3 ½ hours)	1. General	12	65%
	2. Otology and Otoneurology	27	
	3. Pediatric	15	
	4. Audiology and Speech	7	
	5. Rhinology and Skull Base	27	
	6. Head and Neck	23	
	7. Facio Plastic / Reconstruction	12	
	8. Laryngology	12	
	9. Patient Safety	7	
	10. Professionalism and Ethics	8	
Total		150	

25. Pediatrics

Evaluation Item	Content	Required items	Passing Score
(150 MCQs, 3 ½ hours)	1. Growth and Development Adolescent and behavior	22	65%
	2. Gastroenterology	8	
	3. Acute care (ER, PICU, NICU)	23	
	4. Metabolic and Endocrine	7	
	5. Allergy / Immunology / Infectious Diseases	15	
	6. Respiratory	15	
	7. Cardiovascular	7	
	8. Hematology/ Oncology	7	
	9. Neurology	15	
	10. Renal /Musculoskeletal	8	
	11. Pediatrics Surgery	7	
	12. Professionalism and Ethics	8	
	13. Patient Safety	8	



26. Pediatrics Surgery

Evaluation Item	Content	Required items	Passing Score
(150 MCQs, 3 ½ hours)	1. Principles of Surgery	7	65%
	2. General Pediatric Surgery	23	
	3. Specific Areas of Pediatric Surgery	7	
	4. Head and Neck	7	
	5. Genitourinary	7	
	6. Thoracic Surgery	23	
	7. Neonatal Surgery	23	
	8. Trauma	15	
	9. Oncology	23	
	10. Patient Safety	7	
	11. Professionalism and Ethics	8	
Total		150	

27. Physical Medicine and Rehabilitation

Evaluation Item	Content	No. of items	Passing Score
(150 MCQs, 3 ½ hours)	1. Spinal Cord Injury	18	65%
	2. Stroke	15	
	3. Traumatic Brain Injury	15	
	4. Musculoskeletal, Sport and Chronic Pain Rehab	15	
	5. Amputation, Prosthetics and Orthotics	12	
	6. Pediatric Rehab	12	
	7. Rheumatology Rehab	11	
	8. Orthopedics Rehab	8	
	9. Neurorehab	8	
	10. Cardiac/ Pulmonary Rehab	7	
	11. Burns and Oncology Rehab	8	
	12. Geriatric Rehab	7	
	13. Patient Safety	7	
	14. Professionalism and Ethics	7	
Total		150	



28. Plastic Surgery

Evaluation Item	Content	Required items	Passing Score
(150 MCQs, 3 ½ hours)	1. Wound Repair and Integument	8	65%
	2. Anaesthesia, Critical Care, Transplant, and Immunology	7	
	3. Burn	15	
	4. Head, Neck and Craniomaxillofacial	23	
	5. Upper Extremity	23	
	6. Lower Extremity	22	
	7. Genitourinary System and Trunk	23	
	8. Breast	15	
	9. Patient Safety	7	
	10. Professionalism and Ethics	7	
Total		150	

29. Psychiatry

Evaluation Item	Content	Required items	Passing Score
(150 MCQs, 3 ½ hours)	1. Child and Adolescent Psychiatry	8	65%
	2. Public Psychiatry / Geriatric Psychiatry	9	
	3. Emergency Psychiatry	11	
	4. Anxiety Disorders / Obsessive Compulsive and related Disorders / Trauma and Stress related Disorders	15	
	5. Depressive Disorders / Bipolar and related Disorders	15	
	6. Schizophrenia Spectrum and Other Psychotic Disorders	20	
	7. Substance-related and Addictive Disorders	14	
	8. Personality Disorders	7	
	9. Psychosomatic Medicine (Consultation-Liaison Psychiatry)/Somatic Symptom and Related Disorders)	15	
	10. Psychotherapy / Psychosocial Interventions	7	
	11. Basic Psychopharmacology / Physical Therapy (ECT and others)	8	
	12. Forensic Psychiatry	7	
	13. Patient Safety	7	
	14. Professionalism and Ethics	7	
Total		150	



30. Pulmonary

Evaluation Item	Content	No. of items	Passing Score
(150 MCQs, 3 ½ hours)	1. Obstructive Lung Disease	31	65%
	2. Interstitial and Inflammatory Lung Disease	19	
	3. Occupational and environmental diseases	7	
	4. Infections	15	
	5. Neoplasms	13	
	6. Pleural Diseases	7	
	7. Sleep Medicine	15	
	8. Congenital, Neuromuscular, and Skeletal Abnormalities	7	
	9. Vascular Disorders	15	
	10. Critical Care Medicine	7	
	11. Patient Safety	7	
	12. Professionalism and Ethics	7	
Total		150	

31. Rheumatology

Evaluation Item	Content	No. of items	Passing Score
(150 MCQs, 3 ½ hours)	1. Regional Pain Syndromes, Cartilage and Bone Diseases	9	65%
	2. Rheumatoid Arthritis	24	
	3. Seronegative Spondyloarthropathies	15	
	4. Crystal Induced Arthropathies	9	
	5. Infectious and Related Arthrides	12	
	6. Systemic Lupus Erythematosus and Antiphospholipid Syndrome	27	
	7. Other Rheumatic and Connective Tissue Diseases	24	
	8. Vasculitides	15	
	9. Patient Safety	8	
	10. Professionalism and Ethics	7	
Total		150	



32. Sports Medicine

Evaluation Item	Content	Required items	Passing Score
(150 MCQs, 3 ½ hours)	1. Applied Anatomy	20	65%
	2. Exercise Physiology	19	
	3. Kinesiology	18	
	4. Electrotherapy	9	
	5. Advanced Sports Injury Assessment	30	
	6. Treatment for Sports Injuries	27	
	7. Medical Taping Techniques	9	
	8. Nutrition and Sports Performance	9	
	9. Sports Psychology	9	
Total		150	

33. Urology

Evaluation Item	Content	Required items	Passing Score
(150 MCQs, 3 ½ hours)	1. Basics of Urologic surgery	7	65%
	2. Infections / Inflammation	15	
	3. Reproductive / Sexual health	12	
	4. Trauma / Neurourology	20	
	5. Urolithiasis / Obstruction	23	
	6. Renal failure	7	
	7. Adrenal / Neoplasm	15	
	8. Prostate	17	
	9. Paediatric Urology	20	
	10. Patient Safety	7	
	11. Professionalism and Ethics	7	
Total		150	

34. Vascular Surgery

Evaluation Item	Content	Required items	Passing Score
	1. Basic Vascular Knowledge	15	



(150 MCQs, 3 ½ hours)	2. Vascular Imaging	8	65%
	3. Aneurysmal Disease	15	
	4. Atherosclerotic Disease and Ischemia	23	
	5. Visceral and Renovascular Disease	7	
	6. Neurovascular Disease	15	
	7. Venous and Lymphatics Diseases	15	
	8. Vasculitis and Connective Tissue Disease	7	
	9. AV Fistula and Access	15	
	10. Vascular Emergencies	15	
	11. Patient Safety	7	
	12. Professionalism and Ethics	8	
	Total	150	

Qualifying Examination References

Exam References	Scope
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<ol style="list-style-type: none"> 1. Clinical Anesthesiology: Morgan and Mikhail's. 2. Stoelting's Anaesthesia and Co-Existing Disease: Roberta L. Hines MD. 3. Clinical Anaesthesia (Clinical Anesthesia (Barash) Lippincott Williams and Wilkins. 4. Anaesthesia, Ronald D. Miller (Churchill Livingstone). 5. The ICU Book, Paul L. Marino (Williams and Wilkins). 6. Anesthesiology, Problem-Oriented Patient Management, 3rd ED. Fun-Sun f. Yao and Joseph Artusio, Jr (eds.) Philadelphia, 1993 J.B. Lippincott Co., Inc. 7. 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. 8. Essentials of Patient Safety, SCFHS, Latest Edition. 	Anesthesia



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<p>6. 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.</p> <p>7. Essentials of Patient Safety, SCHS, Latest Edition.</p>	
<p>1-Goldsmith, Lowell A, et al. Fitzpatrick's Dermatology in General Medicine. Latest Edition., vol. 2, McGraw Hill Professional.</p> <p>2- Bologna, Jean L, et al. Dermatology. Latest Edition, Gulf Professional Publishing.</p> <p>3- Wolverton, Stephen E. Comprehensive Dermatologic Drug Therapy. Latest Edition, Elsevier Health Sciences.</p> <p>4- 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.</p> <p>5- Essentials of Patient Safety, SCHS, Latest Edition.</p>	Dermatology
<p>1- W. Richard Webb, 2010. Thoracic Imaging: Pulmonary and Cardiovascular Radiology</p> <p>2- W. Richard Webb and Nestor L. Muller, 2014. High-Resolution CT of the Lung.</p> <p>3- Elsevier, 2016. Neuroradiology: The Requisites</p> <p>4- Elsevier, 2015. Diagnostic Imaging: Brain</p> <p>5- John R. Haaga, MD FACR FSIR FSCBT FSRS and Daniel Boll MD FSCBT, 2016. CT and MRI of the Whole Body, 2-Volume Set, 6th Edition</p> <p>6- Richard C. Semelka and Michele A. Brown, 2016. Abdominal-Pelvic MRI, 4th Edition</p> <p>7- Michele Walters and Richard L. Robertson, 2016. Pediatric Radiology: The Requisites, (Requisites in Radiology), 4th Edition</p> <p>8- Clyde A. Helms, Mark W. Anderson, Nancy M. Major, and Phoebe Kaplan, 2001. Musculoskeletal MRI, 2nd Edition</p> <p>9- Donald Resnick and Mark Kransdorf, 2004. Bone and Joint Imaging, 3rd Edition</p> <p>10- Peter M. Som, and Hugh D. Curtin, 2011. Head and Neck Imaging - 2 Volume Set: Expert Consult- Online and Print, 5th Edition</p> <p>11- Essential Physics of Medical Imaging, by Jerrold Bushberg. 3rd Edition. ISBN: 9780781780575</p> <p>12- Breast Imaging (Kopans, Breast Imaging)</p> <p>13- 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</p> <p>14- Essentials of Patient Safety, SCHS, Latest Edition</p>	Diagnostic Radiology



<p>1- In Tintinalli, J. E., In Stapczynski, J. S., In Ma, O. J., In Yealy, D. M., In Meckler, G. D., & In Cline, D. (2018). Tintinalli's emergency medicine: A comprehensive study guide.</p> <p>2- Walls, R. M., Hockberger, R. S., & Gausche-Hill, M. (2018). Rosen's emergency medicine: Concepts and clinical practice</p> <p>3- Hedges, J. R., & Roberts, J. R. (2014). Roberts and Hedges' clinical procedures in emergency medicine. Philadelphia, PA: Elsevier Saunders</p> <p>4- Knoop, K. J. (2016). The atlas of emergency medicine</p> <p>5- American College of Emergency Physicians. Annals of emergency medicine. New York: Elsevier Science</p> <p>6- Emergency medicine clinics of North America</p> <p>7- 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</p> <p>8- Essentials of Patient Safety, SCHS, Latest Edition</p>	<p>Emergency Medicine</p>
<p>1-UpToDate.</p> <p>2. Wass, J. A. H., & Stewart, P. M. (2011). Oxford textbook of endocrinology and diabetes. Oxford: Oxford University Press.</p> <p>3. In Melmed, S., In Polonsky, K. S., In Larsen, P. R., & In Kronenberg, H. (2016). Williams textbook of endocrinology.</p> <p>4. Gardner, D. (2017). Greenspan's Basic and Clinical Endocrinology, Tenth Edition. McGraw-Hill Education.</p> <p>5. 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.</p> <p>6. Essentials of Patient Safety, SCHS, Latest Edition.</p>	<p>Endocrinology</p>
<p>Recommended textbooks:</p> <p>1. Text Book of Family Medicine by Robert E. Rakel, MD</p> <p>2. CURRENT Diagnosis and Treatment in Family Medicine</p> <p>3. Family Medicine: Principles and Practice, by Robert B. Taylor</p> <p>4. McWhinney's Textbook of Family Medicine</p> <p>5. The Color Atlas and Synopsis of Family Medicine</p> <p>Recommended scientific websites and guidelines:</p> <p>1. ADA: http://www.diabetes.org/</p> <p>2. American Family Physician: https://www.aafp.org/journals/afp.html</p> <p>3. Medical ethics: https://www.scfhs.org.sa/en/elibrary/DocsLibrary/versions/Documents/Medical%20ethics</p>	<p>Family Medicine</p>



<p>4. ICD 11: https://icd.who.int/</p> <p>5. Joint National Committee (JNC): https://sites.jamanetwork.com/jnc8/</p> <p>6. The United States Preventive Services Task Force: https://www.uspreventiveservicestaskforce.org/Page/Name/recommendations</p> <p>7. CDC: https://search.cdc.gov/search/</p> <p>8. EBM: https://www.cebm.net/2014/06/critical-appraisal/</p> <p>Other References:</p> <p>1. NICE guidelines: www.nice.org.uk</p> <p>2. www.cochrane.org</p> <p>3. www.uptodate.com</p>	
<p>1. Sleisenger and Fordtran's Gastrointestinal and Liver Disease- 2 Volume Set: Pathophysiology, Diagnosis, Management)) by Mark Feldman, Lawrence S. Friedman MD, and Lawrence J. Brandt MD (Hardcover - May 3, 2010)</p> <p>2. Mayo Clinic Gastroenterology and Hepatology Board Review, Up to date Edition by Stephen C. Hauser, Darrell S. Pardi, and John J. Poteruch</p> <p>3. Practical Gastrointestinal Endoscopy: The Fundamentals by Peter B. Cotton, Christopher B. Williams, Robert H. Hawes, and Brian P. Saunders (Hardcover -Jun 30, 2008)</p> <p>4. 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</p> <p>5. Essentials of Patient Safety, SCHS, Latest Edition</p> <p>6. https://www.uptodate.com/home</p>	Gastroenterology
<p>1- Sabiston Textbook of Surgery, latest Edition.</p> <p>2- Schwartz Textbook of Surgery, latest Edition.</p> <p>3- Current Surgical Therapy by John L. Cameron, latest Edition.</p> <p>4- Bailey and Love`s Short Practice of Surgery, latest Edition.</p> <p>5- Rush Surgical Review, latest Edition.</p> <p>6- 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.</p> <p>7- Essentials of Patient Safety, SCHS, Latest Edition.</p>	General Surgery
<p>1. Hoffbrand, A., Moss, P., & Pettit, J. (Latest Edition). Essential haematology. Malden, Mass.: Wiley-Blackwell.</p> <p>2. Hoffbrand, A., Higgs, D., Keeling, D., & Mehta, A. (Latest Edition). Postgraduate haematology.</p> <p>3. Kaushansky, K. & Lichtman, M. (Latest Edition). Williams hematology.</p>	Haematology and Oncology



<p>4. Greer, J., & Arber, D. (Latest Edition). Wintrobe's clinical hematology.</p> <p>5. Wingard, J., & Gastineau, D. (Latest Edition). Hematopoietic stem cell transplantation: A Handbook for Clinicians.</p> <p>6. Ware, J., Kaabba, A., MA Hussein, G., & Hasan Kasule, O. (Latest Edition). Professionalism and Ethics Handbook for Residents.</p> <p>7. SCHS. (Latest Edition). <i>Essentials of Patient Safety</i></p>	
<p>1. Harrison's Principles of Internal Medicine, 17th Edition, 2008, Fauci et al, McGraw-Hill.</p> <p>2. Differential Diagnosis in Internal Medicine: From Symptom to Diagnosis, 2007, Siegenthaler, Thieme Medical Publishers.</p> <p>3. Cecil Review of General Internal Medicine, 8th Edition, 2004, Cooper and Pappas, Saunders/Elsevier.</p> <p>4. Davidson's Principles and Practices of Medicine, 20th Edition, 2008, Churchill Livingstone.</p> <p>5. 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.</p> <p>6. Essentials of Patient Safety, SCHS, Latest Edition.</p>	Internal Medicine
<p>1. American Society for Microbiology. https://www.asm.org</p> <p>2. Bennett, J. E., Dolin, R., Blaser, M. J., Mandell, G. L., & Douglas, R. G. (2015). Mandell, Douglas, and Bennetts principles and practice of infectious diseases (8th ed., Vol. 2). Philadelphia: Elsevier/Saunders.</p> <p>3. Emaleu, S. B. (2017). Infection Prevention and Control: Practical Guide for Healthcare Facilities.</p> <p>4. Murray, P. R., Rosenthal, K. S., & Pfaller, M. A. (2016). Medical microbiology (8th ed.). Philadelphia, PA: Elsevier.</p> <p>5. Murray, P. R. (2015). Manual of clinical microbiology (11th ed.). Washington, D.C.: ASM Press.</p> <p>6. Persing, D. H., Tenover, F. C., Hayden, R. T., M. I., Miller, M. B., Nolte, F. S., Belkum, A.V. (Eds.). (2016). Molecular microbiology: Diagnostic principles and practice (3rd ed.). Washington, DC: ASM Press.</p>	Medical Microbiology
<p>1. Floege J, Johnson R, Feehally J. Comprehensive Clinical Nephrology. Philadelphia, PA: Saunders/Elsevier (Latest Edition).</p> <p>2. Scott J.Gilbert, Daniel E.Weiner, Andrew S. Bomback, Mark A.Perazella, Marcello Tonelli. National Kidney Foundation's Primer on Kidney Diseases.</p> <p>3. Daugirdas J, Blake P, Ing T. Handbook of Dialysis. Philadelphia: Lippincott Williams and Wilkins (Latest Edition).</p>	Nephrology



<p>4. Danovitch G. Handbook of Kidney Transplantation. Philadelphia: Lippincott Williams and Wilkins (Latest Edition).</p> <p>5. 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.</p> <p>6. Essentials of Patient Safety, SCHS, Latest Edition.</p>	
<p>1. Medlink, Neurology online reference</p> <p>2. Bradley's Neurology in Clinical Practice</p> <p>3. Continuum: Lifelong Learning in Neurology, American Academy of Neurology (AAN)</p> <p>4. Localization in Clinical Neurology Sixth Edition, by Paul W. Brazis, MD, Joseph C. Masdeu, MD, PhD, and Joes Biller, MD, FACP, FAAN, FAHA</p> <p>5. Essentials of Patient Safety, SCHS, Latest Edition</p> <p>6. 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</p>	Neurology
<p>1. Youman's Neurological Surgery latest edition. Seventh Edition</p> <p>2. Schmidek and Sweet: Operative Neurosurgical Techniques: 6th Edition</p> <p>3. Handbook of Neurosurgery by Mark Greenberg: 8th Edition</p> <p>4. Neuropathology: A Reference Text of CNS Pathology: by David Ellison and Seth. 3rd Edition</p> <p>5. Barr's The Human Nervous System by John Kiernan: 10th Edition</p> <p>6. WHO Classification of Tumors of the Central Nervous System. The International Agency for Research on Cancer. Latest edition. 2016</p> <p>7. Rhoton's Cranial Anatomy and Surgical Approaches by Albert Rhoton. OneEdition</p> <p>8. 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.</p> <p>9. Essentials of Patient Safety, SCHS, Latest Edition</p>	Neurosurgery
<p>1- Williams Obstetrics, 23rd Edition, 2009, Cunningham et al, Appleton & Lange.</p> <p>2- Clinical Gynecological Endocrinology & Infertility, 7th Edition, 2004, Leon Speroff, Lippincott.</p> <p>3- Perek and Novak Gynecology, 14th edition, 2006, Jonathan Perek, Lippincott.</p> <p>4- Comprehensive Gynecology, 5th Edition, 2007, Vern Katz et al, Mosby.</p> <p>5- 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.</p>	Obstetrics and Gynecology



6- Essentials of Patient Safety, SCHS, Latest Edition.	
<ol style="list-style-type: none"> 1. Basic and Clinical Science Course (BCSC) Residency Print Set, by American Academy of Ophthalmology, Latest Edition. 2. Kanski's Clinical Ophthalmology: A Systematic Approach by Brad Bowling, Latest Edition. 3. Ophthalmology: Expert Consult: Yanoff MD, Myron; Duker MD, Jay S., Latest Edition. 4. Duane's Clinical Ophthalmology by William Tasman, Edward A. Jaeger, Latest Edition. 5. 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. 6. Essentials of Patient Safety, SCHS, Latest Edition. 	Ophthalmology
<ol style="list-style-type: none"> 1. Surgical Exposures in Orthopedics, Stanley Hoppenfeld, Piet DeBoer, Richard Buckley, Latest Edition, Wolters kluwer, Lippincott Williams and Wilkins. 2. Apley's System of Orthopedics and Fractures, Louis Solomon, David Jwarwick, Selvadurai Nayagam, Latest Edition, Arnold. 3. Review of Orthopedics, Mark Miller, Mark Brinker, Latest Edition, W.B. Saunders Company. 4. Rockwood and Greens Fractures in Adults and in Children, Robert W Bucholz, James D Heckman, Charles M Court-Brown and Paul Tornetta, Latest Edition, Lippincott Company. 5. Campbell's Operative Orthopedics, S. Terry Canale and James H, Beaty, Latest Edition, Mosby. 6. Orthopedic Knowledge Update (OKU). 	Orthopedic Surgery
<ol style="list-style-type: none"> 1- Otolaryngology Head and Neck Surgery, Charles W.Cummings, Latest Edition. 2- Scott-Brown's Otolaryngology, Latest Edition. 3- Essential Otolaryngology Head and Neck Surgery K.J.Lee, Latest Edition. 4- 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. 5- Essentials of Patient Safety, SCHS, Latest Edition. 6- Bailey's Head and Neck Surgery: Otolaryngology (2 volume set). 	Otorhinolaryngology
<ol style="list-style-type: none"> 1. Nelson's Textbook of Pediatrics, Kliegman et al., Saunders/Elsevier (Latest Edition) 2. Rudolph's Fundamentals of Pediatrics, Rudolph et al., McGraw-Hill (Latest Edition) 3. Principles and Practice of Pediatrics. , Oski et al Lippincott (Latest Edition) 4. WHO Health Programs, World Health Organization Website 5. Essentials of Patient Safety, SCHS, Latest Edition 	Pediatrics



<p>6. 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</p>	
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<p>1. Kaplan and Sadock's Synopsis of Psychiatry: Behavioral Sciences/Clinical</p>	<p>Psychiatry</p>



<p>Psychiatry Eleventh Edition</p> <p>2. New Oxford Textbook of Psychiatry Edited by Michael Gelder, Nancy Andreasen, Juan Lopez-Ibor, and John Geddes.</p> <p>3. Essentials of Patient Safety, SCHS, Latest Edition</p> <p>4. 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</p>	
<p>1. Murray & Nadel's Textbook of Respiratory Medicine.</p> <p>2. Fishman's Pulmonary Diseases and Disorders.</p> <p>3. West, John. Pulmonary Pathophysiology: The Essentials.</p> <p>4. West, John. Respiratory Physiology: The Essentials.</p> <p>5. Goodman. Felson's Principles of Chest Roentgenology.</p> <p>6. W. Richard Webb. High-Resolution CT of the Lung.</p> <p>7. Robert E. Hyatt. Interpretation of Pulmonary Function Tests.</p> <p>8. ACCP Pulmonary Medicine Board Review.</p> <p>9. Essentials of Patient Safety, SCHS, Latest Edition.</p> <p>10. 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</p>	<p>Pulmonary</p>
<p>1. Klippel, John H. Primer on the Rheumatic Diseases. New York, NY: Springer, Latest Edition.</p> <p>2. Weisman, Michael H., Michael E. Weinblatt, and James S. Louie. Treatment of the Rheumatic Diseases: Companion to Kelley's Textbook of Rheumatology. Philadelphia: W.B. Saunders, Latest Edition.</p> <p>3. Bijlsma, J. W. J. EULAR Textbook on Rheumatic Diseases. London: BMJ / EULAR, Latest Edition.</p> <p>4. 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.</p> <p>5. Essentials of Patient Safety, SCHS, Latest Edition.</p> <p>6. Rheumatology secrets, Sterling G. West, MD, Third edition.</p> <p>7. Others.</p>	<p>Rheumatology</p>
<p>1. Ackland, Elliot, Bloomfield. Applied Anatomy and Biomechanics in Sports, Human Kinetics</p> <p>2. Wilmore, Costill, Kenny. Physiology of Sport and Exercise; Human Kinetics</p> <p>3. Carol Oatis. Kinesiology: The Mechanics and Pathomechanics of Human Movement; Lippincott Williams and Wilkins</p>	<p>Sports Medicine</p>



<p>4. Manore, Meyer, Thompson. Sport Nutrition for Health and Performance; Human Kinetics</p> <p>5. David Reid. Sports Injury Assessment and Rehabilitation; W.B. Saunders Company</p> <p>6. Robertson, Ward, Low, Reed. Electrotherapy Explained: Principles and Practice; Butterworth-Heinemann</p> <p>7. Cox. Sport Psychology: Concepts and Applications; McGraw-Hill</p> <p>8. Macdonald. Taping Techniques: Principles and Practice; Butterworth-Heinemann</p> <p>9. Buschbacher, Prahlow, Dave. Sports Medicine and Rehabilitation: A Sports Specific Approach; Lippincott Williams and Wilkins</p>	
<p>1. Campbell-Walsh UROLOGY</p> <p>2. Atlas of Urologic Surgery</p> <p>3. Essentials of Patient Safety, SCHS, Latest Edition</p> <p>4. 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</p>	Urology
<p>1. Rutherford's Vascular Surgery, last Edition.</p> <p>2. Current Therapy in Vascular Surgery, last Edition.</p> <p>3. Vascular Surgery Board Review Questions Ed 2013</p> <p>4. Asir Surgery MCQ Bank 2002</p> <p>5. 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.</p> <p>6. Essentials of Patient Safety, SCHS, Latest Edition</p>	Vascular Surgery