



**Allied Healthcare Professions (AHP)
Qualifying Examination Blueprint (Nature & contents of the test)**

1. Lab Technologist

Evaluation Item	Content	Relative Percentage	Passing Score
(100 MCQs, 2 ½ hours)	1. Safety, Quality Control and Ethics	8%	50%
	2. Bacteriology	15%	
	3. Virology	5%	
	4. Mycology	5%	
	5. Immunology	5%	
	6. Parasitology	5%	
	7. Hematology	14%	
	8. Blood Bank	10%	
	9. Biochemistry	17%	
	10. Hormones	5%	
	11. Urinalysis	4%	
	12. Genetics	7%	
Total		100%	

2. Lab Technician

Evaluation Item	Content	Relative Percentage	Passing Score
(100 MCQs, 2 ½ hours)	1. Safety and Quality Control	8%	50%
	2. Bacteriology	15%	
	3. Virology	7%	
	4. Immunology	7%	
	5. Parasitology	7%	
	6. Hematology	13%	
	7. Blood Bank	13%	
	8. Biochemistry	18%	
	9. Hormones	5%	
	10. Urinalysis	3%	
	11. Mycology	4%	
Total		100%	

3. Radiology Technologist

Evaluation Item	Content	Relative Percentage	Passing Score
(100 MCQs, 2 ½ hours)	1. General Anatomy, Physiology and Rad. Anatomy	13%	50%
	2. Radiation Physics and Protection	11%	
	3. Patient Care and Ethics	10%	
	4. General Radiographic Technique	16%	
	5. Contrast Media Examinations	9%	
	6. Ultrasonography	10%	
	7. Computerized Tomography (CT scan)	11%	



	8. Magnetic Resonance Imaging (MRI)	10%	
	9. Nuclear Medicine (NM)	10%	
Total		100%	

4. Radiology Technician

Evaluation Item	Content	Relative Percentage	Passing Score
(100 MCQs, 2 ½ hours)	1. General Anatomy, Physiology and Radiographic Anatomy	15%	50%
	2. X-Ray Physics and Equipment	10%	
	3. Patient Care and Ethics	5%	
	4. Image Recording and Evaluation	10%	
	5. Radiation Protection	10%	
	6. Contrast Media Examinations	15%	
	7. General Radiographic Technique	25%	
	8. Accidents and Emergency Radiography	10%	
Total		100%	

5. Physiotherapist

Evaluation Item	Content	Relative Percentage	Passing Score
(70 MCQs, 2 hours)	I. Basic Knowledge	40%	50%
	A. Medical Knowledge	40%	
	1. Anatomy		
	2. Physiology		
	3. Path physiology	60%	
	B. PT Knowledge		
	1. Electrotherapy		
	2. Kinesiology		
3. Hydrotherapy			
4. Biomechanics			
5. Therapeutic Exercises			
6. Massage			
II. Applied Knowledge	60%		
A. Orthopedics	40%		
B. Neurology & Pediatrics	30%		
C. Cardiopulmonary & Geriatrics	30%		
Total		100%	

6. Basic Paramedic

Evaluation Item	Content		Relative Percentage	Passing Score
	Section	Sub-Section		
	I. ABC (12%)	1. Airway	4%	
		2. Cardiovascular Emergencies	4%	
		3. Respiratory Emergencies	4%	



(70 MCQs, 2 hours)	II. Infants and Children (10%)	Infants and Children	10%	50%
	III. Medical/Behavioral Emergencies & Obstetrics/Gynecology (14%)	1. Allergies	2%	
		2. Behavioral Emergencies	1%	
		3. Diabetes / Altered Mental Status	2%	
		4. Environmental Emergencies	1%	
		5. General Pharmacology	2%	
		6. Geriatrics	2%	
		7. Obstetrics / Gynecology	2%	
		8. Poisoning / Overdose	2%	
	IV. Operations (6%)	1. Ambulance Operations	2%	
		2. Equipments	2%	
		3. Gaining Access	2%	
	V. Patient assessment (15%)	1. Communication	1%	
		2. Focused History and Physical Exam -Trauma	3%	
		3. Focused History and Physical Exam - Medical	3%	
		4. Initial Assessment	4%	
		5. Scene Size-UP	4%	
	VI. Preparatory (18%)	1. Baseline Vital Signs and SAMPLE History	4%	
		2. Introduction to Emergency Medical Care	2%	
		3. Lifting and Moving Patients	4%	
		4. Medical / Legal and Ethical Issues	2%	
		5. The Human Body	4%	
		6. Well-Being and Infection Control	2%	
VII. Trauma (25%)	1. Bleeding and Shock	7%		
	2. Injuries to the Head and Spine	6%		
	3. Musculoskeletal Care	6%		
	4. Soft Tissue Injuries	6%		
Total			100%	

7. Paramedic

Evaluation Item	Content	Relative Percentage	Passing Score
(100 MCQs, 2 ½ hours)	1. Fundamentals and Operations	13%	50%
	2. Airway	5%	
	3. Patient Assessment	15%	
	4. Medical, Behavioral and Geriatric	15%	
	5. Trauma	15%	
	6. Shock and Resuscitation	15%	



	7. Environmental and Toxicology	4%	
	8. Pediatrics	7%	
	9. OB/GYN	3%	
	10. Disaster	4%	
	11. Ethics	4%	
Total		100%	

8. Dental Assistant

Evaluation Item	Content	Relative Percentage	Passing Score
(100 MCQs, 2 ½ hours)	1. Dental Anatomy	7%	50%
	2. Dental Assistant	20%	
	3. Dental Health	10%	
	4. Dental Materials	20%	
	5. Dental Radiography	12%	
	6. Infection Control	12%	
	7. Preventive Dentistry	8%	
	8. Supplies and Logistics	3%	
	9. Communication and Patient Education	5%	
	10. Ethics	3%	
Total		100%	

9. Dental Hygienist

Evaluation Item	Content	Relative Percentage	Passing Score
(70 MCQs, 2 hours)	1. Anatomy and Physiology	6%	50%
	2. Anesthesia and Sedation	2%	
	3. Bleaching	3%	
	4. Business Procedure	3%	
	5. Clinical Examination	4%	
	6. Dental Materials	4%	
	7. Dental Radiography	4%	
	8. Emergency Care	4%	
	9. Ethics	2%	
	10. Infection Control	12%	
	11. Oral Biology	7%	
	12. Oral Pathology and Microbiology	11%	
	13. Oral Surgery	3%	
	14. Orthodontics	3%	
	15. Periodontology	11%	
	16. Pharmacology	4%	
	17. Preventive Dentistry	11%	
	18. Prosthodontics	3%	
	19. Restorative Dentistry	3%	
Total		100%	



10. Dental Lab Technician

Evaluation Item	Content	Relative Percentage	Passing Score
(70 MCQs, 2 hours)	1. Complete Denture	22%	50%
	2. Dental Anatomy	7%	
	3. Dental Ceramic	7%	
	4. Dental Materials	7%	
	5. Dental Occlusion	7%	
	6. Fixed Bridge	22%	
	7. Orthodontics	6%	
	8. Removable Partial Denture	22%	
Total		100%	

Qualifying Examination References

Exam References	Scope
<ol style="list-style-type: none"> 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) Molecular Cell Biology, Harvey Lodish (latest Edition) 	Lab Technologist
<ol style="list-style-type: none"> 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) Molecular Cell Biology, Harvey Lodish (latest Edition) 	Lab Technician
<ol style="list-style-type: none"> Bontrager, K. L., and Lampignano, J. P. Textbook of radiographic positioning and related anatomy, (Latest Edition) Catherine Westbrook and Carolyn Kaut Roth. MRI in Practice, (Latest Edition) Lois Romans. Computed Tomography for Technologists: A Comprehensive Text, Lippincott Williams and Wilkins, (Latest Edition) Paul E. Christian. Nuclear Medicine and PET/CT Technology and Techniques. Mosby, Elsevier (Latest Edition) Graham D.T., Cloke P. and Vosper M. Principles and Applications of Radiological Physics. Churchill Livingstone, (Latest Edition) Bontrager, K. L., and Lampignano, J. P. Textbook of radiographic positioning and related anatomy. Mosby, Elsevier Science, (Latest Edition) Diagnostic Ultrasound: Physics and Equipment (Cambridge Medicine) 	Radiology Technologist



<p>by Peter R. Hoskins , Kevin Martin , Abigail Thrush (Editors), (Latest Edition)</p> <p>8. R. Ehrlich. Patient Care in Radiography, With an Introduction to Medical Imaging. Mosby,(Latest Edition)</p> <p>9. Terri L. Fauber. Radiographic Imaging and Exposure. Elsevier, (Latest Edition)</p>	
<p>1. Peter Carter, Kathryn Carter, P. H. Carter, Chesney's' Equipment for Student Radiographers, 4th Ed. Wiley-Blackwell, ISBN:9780632027248</p> <p>2. John L. Ball and Tony Price. Chesney's' Radiographic Imaging, 6th Ed. Wiley-Blackwell, ISBN-13: 978-0632039012</p> <p>3. A.S. Whitely, C. Sloane. G. Hoadley, A.D. Moore and C. W. Alsop. CLARK's Positioning In Radiography, 12th edition, Hodder Arnold, London UK. ISBN: 0340763906</p> <p>4. Terri L. Fauber. Radiographic Imaging and Exposure, 3rd ed. Elsevier,ISBN: 9780323047272</p> <p>5. Chapman and Nakielny's. Guide to Radiological Procedures.Nick Watson ISBN-10: 0702051810</p> <p>6. R. Ehrlich. Patient Care in Radiography, With an Introduction to Medical Imaging, 7th Ed. Mosby, ISBN: 0323051782</p>	Radiology Technician
<p>1. Muscle: Testing and Function with Posture and Pain. 5th Edition, Florence Peterson, 2005.</p> <p>2. Clayton`s Electro Therapy, Theory and Practice, Angela Forster, 9th Edition 1999.</p> <p>3. Tidy`s Physiotherapy, 13th Edition.</p> <p>4. Physical Rehabilitation, Assessment and Treatment, 3rd Edition, Susan B.Q., Sullivan, 1994.</p> <p>5. Tide`s Physical Therapy, Ann Thomason, 12th Edition.</p>	Physiotherapist
<p>1. EMT Complete: A Basic Work text</p> <p>2. Mosby's EMT-Basic Textbook</p> <p>3. Emergency Care and Transportation of the Sick and Injured.</p>	Basic Paramedic
<p>1. Mosby's EMT Textbook, Latest Edition.</p> <p>2. Brady's EMT Textbook, Latest Edition.</p> <p>3. Emergency Care in the Streets, Latest Edition.</p>	Paramedic
<p>1. Modern Dental Assisting. By D.L.Bird; and D.S. Robinson. Published by Elsevier, Latest Edition.</p> <p>2. In Practice Training Program for Dental Assistants. By the British Dental Journal, edited by M. Seward, Latest Edition.</p> <p>3. Complete Review of Dental Assisting. Prentice Hall Health, Emily Andujo, Latest Edition.</p> <p>4. Pearson's Comprehensive Dental Assisting, Tyler, Lori, Pearson, Latest Edition.</p> <p>5. Infection Control and Management of Hazardous Materials for the Dental Team, Millar and Palenik, Latest Edition.</p>	Dental Assistant
<p>1. Clinical Textbook of Dental Hygiene and Therapy. Robert Ireland</p>	Dental Hygienist
<p>1. Dentistry - Base Metal Materials for Fixed Dental Restorations, ISO 16744:2003.</p>	Dental Lab



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Qatar Council for Healthcare Practitioners



2. Orthodontic Lab Technology, Brian D. Willison CDT, Dr. Stephen P. Warunek DDS, MS.
3. Removable Partial Dentures (Color Atlas of Dental Medicine, Vol 2)
4. Dental Laboratory Procedures. Removable Partial Dentures, Vol 3.
5. A Color Atlas of Complete Dentures (Dental Techniques) by John A. Hobkirk.
6. Dental Laboratory Procedures: Complete Dentures, Volume 1 by Robert M. Morrow, Kenneth D. Rudd, John E. Rhoads.
7. Science and Art of Dental Ceramics. Volume II: Bridge Design and Laboratory Procedures in Dental Ceramics by John McLean.
8. Essentials of Dental Ceramics: An Artistic Approach by Gerard J. Chiche, Alain Pinault.
9. Implant Restorations: A Step-by-Step Guide by Carl Drago.
10. Anatomy for Dental Students, Dr. Johnson & W.J Moore. ISBN:0192626736.

Technician