




 حكومة دبي GOVERNMENT OF DUBAI	Guideline	 سلطة مدينة دبي الطبية Dubai Healthcare City Authority القطاع التنظيمي - Regulatory
	<u>Licensing Exam Guide for Healthcare Professionals</u>	
Document #: GL/HCP/078/03		Review Date: 16 October 2020
Issue Date: 16 October 2017		Related Forms: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

DHCA Licensing Exam Guide for Healthcare Professionals



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Document #: GL/HCP/078/03		Review Date: 16 October 2020
Issue Date: 16 October 2017		Related Forms: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Contents



Applicant Guidelines	5
Medical Exams	8
Anesthesia	9
Cardiology	11
Clinical Pathology	12
Dermatology	14
Diagnostic Radiology	15
Endocrinology	17
Family Medicine	18
Gastroenterology	19
General Medicine	20
General Surgery	21
Intensive Care	22
Internal Medicine	23
Medical Microbiology	24
Obstetrics & Gynecology	25
Ophthalmology	26
Orthopedic Surgery	27
Otolaryngology	28
Pediatrics	29
Plastic Surgery	31

 حكومة دبي GOVERNMENT OF DUBAI	Guideline	 سلطة مدينة دبي الطبية Dubai Healthcare City Authority القطاع التنظيمي - Regulatory
	<u>Licensing Exam Guide for Healthcare Professionals</u>	
Document #: GL/HCP/078/03		Review Date: 16 October 2020
Issue Date: 16 October 2017		Related Forms: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Prosthodontics	32
Psychiatry	34
Pulmonology Medicine	35
Rheumatology	36
Urology	37
Dental	38
Endodontics	39
General Dentistry	41
Oral Maxillofacial Surgery (Dental)	44
Orthodontics (Dentofacial Orthopedics)	46
Pedodontics	47
Periodontics	48
Nursing	49
Midwifery	50
Nursing Assistant	51
Registered Nurse	53
Allied Health	54
Assistant Pharmacist	55
Dental Assistant	56
Dental Hygienist	57
Medical Laboratory Technology Assistant	58

 حكومة دبي GOVERNMENT OF DUBAI	Guideline	 سلطة مدينة دبي الطبية Dubai Healthcare City Authority القطاع التنظيمي - Regulatory
	<u>Licensing Exam Guide for Healthcare Professionals</u>	
Document #: GL/HCP/078/03		Review Date: 16 October 2020
Issue Date: 16 October 2017		Related Forms: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Medical Laboratory Technology	59
Occupational Therapy Specialist	60
Pharmacy	61
Physical Therapy Assistant	62
Physical Therapy	64
Psychology	65
Radiology Technologist	66

 GOVERNMENT OF DUBAI	Guideline	 سلطة مدينة دبي الطبية Dubai Healthcare City Authority Regulatory - النطاق التنظيمي
	<u>Licensing Exam Guide for Healthcare Professionals</u>	
Document #: GL/HCP/078/03		Review Date: 16 October 2020
Issue Date: 16 October 2017		Related Forms: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



Applicant Guidelines:

- Applicants can only register for the exam after the application review process has been completed. The applicant will then be given an Eligibility ID to register for the exam. (For details on eligibility please refer to guidelines available on the link: <http://dhcr.gov.ae/en/Professionals>.) For further information, (please refer to Flowchart 1 below)
- To apply for a DHCA License, please access this link: <http://dhcr.gov.ae/en/E-Services>
- To register for the DHCA Exam, please access this link: <https://www.prometric.com/en-us/clients/dhca/Pages/landing.aspx>
- Passing the DHCA Exam does not automatically guarantee a license to practice in DHCC. The license issuance process will be subject to the verification of the candidate's credentials and submission of all necessary documents
- DHCA Exam Eligibility ID is valid only for 3 months from the date of issue.

If the eligibility ID provided is not working, inactive or has expired, please send an email to pld@dhcr.gov.ae. Include details regarding the eligibility ID, the issue and application number(PLD-XX-XXXXXX).
- Payment needs to be completed online during the registration process on the Prometric website.
Please note: Exam fees are non-refundable.

Medical & Dental specialties: \$220-\$280.

Nursing & Allied Health professionals: \$180 - \$220.

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	<u>Licensing Exam Guide for Healthcare Professionals</u>	
Document #: GL/HCP/078/03		Review Date: 16 October 2020
Issue Date: 16 October 2017		Related Forms: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

- The result is available immediately once the exam is completed.

- A candidate can have maximum 3 attempts per DHCA exam.



- The exam check-in procedure requires biometric (fingerprint) capture to positively identify candidates. Therefore, the DHCA exams are only available in test centers where biometric function is enabled.

- The candidate will be required to carry a valid and original Passport to the Prometric exam test center.

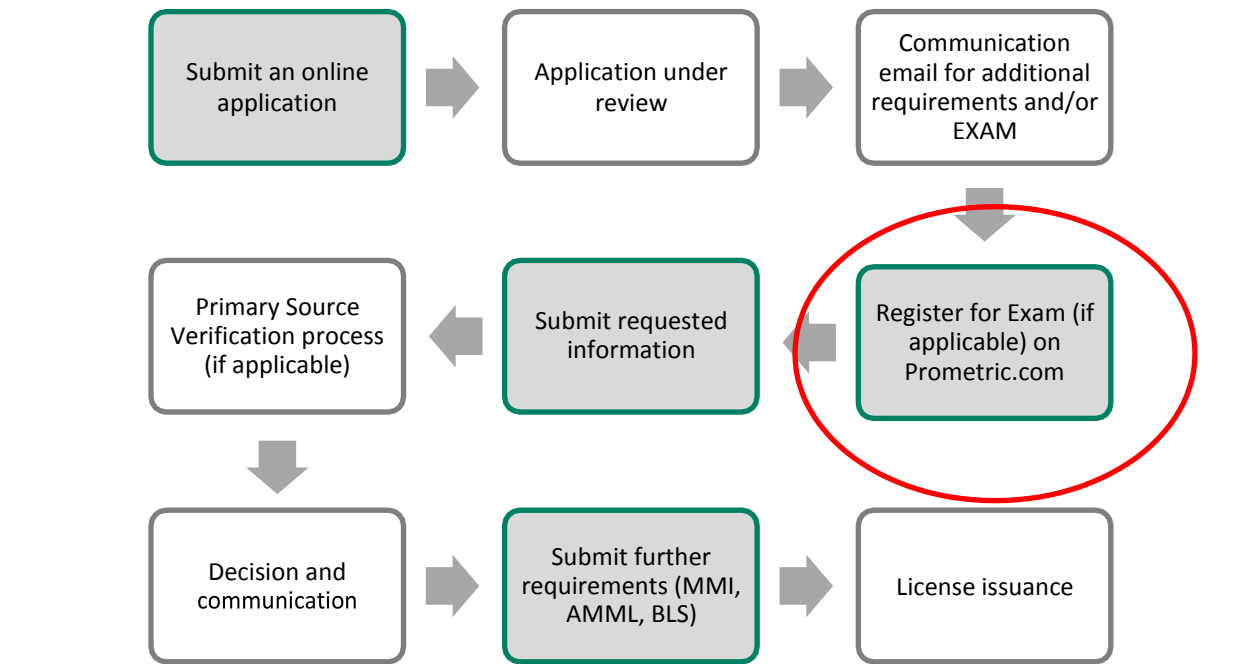
- Applicants should comply with the test center regulations, check in procedures, arrival time, etc. to avoid any inconvenience. For further details please visit the Prometric website link :
<https://www.prometric.com/en-us/for-test-takers/prepare-for-test-day/documents/TestCenterRegulations.pdf>



- To locate a Prometric test center convenient to you, please visit the Prometric link:
<https://www.prometric.com/en-us/for-test-takers/prepare-for-test-day/frequently-asked-questions/pages/locate-a-test-center.aspx>

- For queries on rescheduling/cancellation/confirmation, please visit the Prometric link:
<https://www.prometric.com/en-us/for-test-takers/prepare-for-test-day/frequently-asked-questions/pages/register-reschedule-cancel-confirm.aspx>



 حكومة دبي GOVERNMENT OF DUBAI	Guideline	سلطة مدينة دبي الطبية Dubai Healthcare City Authority Regulatory - النطاق التنظيمي 
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Document #: GL/HCP/078/03		Review Date: 16 October 2020
Issue Date: 16 October 2017		Related Forms: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Flowchart 1: DHCA License Application process





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	<u>Licensing Exam Guide for Healthcare Professionals</u>	
Document #: GL/HCP/078/03		Review Date: 16 October 2020
Issue Date: 16 October 2017		Related Forms: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



Medical Exams

 GOVERNMENT OF DUBAI	Guideline	 سلطة مدينة دبي الطبية Dubai Healthcare City Authority Regulatory - النطاق التنظيمي
	Licensing Exam Guide for Healthcare Professionals	
Document #: GL/HCP/078/03		Review Date: 16 October 2020
Issue Date: 16 October 2017		Related Forms: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



Exam Name	Anesthesia		
Duration	2 hours		
Format	Multiple Choice Questions		
No. of Questions	70		
Passing Score	70%		
Exam Centers	Worldwide		
Exam code	ANAES		
Exam Content Areas	Basic	Pharmacology	6%
		Anatomy	6%
Monitoring		3%	
Physiology		1%	
Physics and Equipment		3%	
Clinical	General Anesthesia	9%	
	Medical Disorder Related to Anesthesia	9%	
	Critical Care Management	9%	
	Airway Management	4%	
	Cardiac and Vascular Anesthesia	4%	
	Acute and Chronic Pain Management	4%	
	Obstetric Anesthesia	6%	
	Cardiopulmonary Resuscitation	3%	
	Trauma Resuscitation	3%	
	Thoracic Anesthesia	3%	
	Regional Anesthesia	3%	
	Pediatric Anesthesia	4%	
	Fetal and Neonatal Anesthesia	3%	
	Neuro-anesthesia	3%	
	Orthopedic Anesthesia	3%	
Renal Anesthesia	1%		

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Document #: GL/HCP/078/03		Review Date: 16 October 2020
Issue Date: 16 October 2017		Related Forms: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



	ENT and Ophthalmic Anesthesia	3%
	Ethics and Statistics	1%
	Hematology includes Blood and Blood Products	3%
	Miscellanies Topics including Anesthesia History, Obesity, Organ Transplants	3%
	Total	100%
Exam Reference Books	<ol style="list-style-type: none"> 1. Anesthesia: Ronald D. Miller MD (Author), Lars I. Eriksson (Author), Lee A. Fleisher MD (Author), Jeanine P. Wiener-Kronish MD (Author), William L. Young (Author). Churchill Livingstone; 7th Edition. 2. Clinical Anesthesia (Clinical Anesthesia (Barash): Paul G Barash, (Editor), Bruce F. Cullen(Editor), Robert K Stoelting (Editor), Michael Cahalan (Editor), M. Christine Stock (Editor) Lippincott Williams & Wilkins; 6th Edition. 3. Chestnut's Obstetric Anesthesia: Principles and Practice: David H. Chestnut MD (Author), Linda S Polley (Author), Lawrence C Tsen MD (Author), Cynthia A Wong MD (Author) Publisher: Mosby; 4th Edition. 	

 حكومة دبي GOVERNMENT OF DUBAI	Guideline	 سلطة مدينة دبي الطبية Dubai Healthcare City Authority القطاع التنظيمي - Regulatory
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Issue Date: 16 October 2017		Related Forms: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



Exam Name	Cardiology	
Duration	2 hours	
Format	Multiple Choice Questions	
No. of Questions	70	
Passing Score	65%	
Exam Centers	Worldwide	
Exam code	CRDIO	
Exam Content Areas	Coronary Artery Disease	17%
	Cardiac Failure	17%
	Valve Disease	17%
	Arrhythmias	17%
	Congenital Heart Disease	9%
	The Heart in Systemic Disease	9%
	Pericardial Disease	6%
	Infective Endocarditis	4%
	The Cardiomyopathies	4%
	Total	100%
Exam Reference Books	<ol style="list-style-type: none"> 1. Braunwald's Heart Disease: A Textbook of Cardiovascular Medicine, 8th Edition. 2. Hurst's the Heart, 12th Edition. 3. Mayo Clinic Cardiology: Concise Textbook, 3rd Edition. 4. Adult Clinical Cardiology Self-Assessment Program - ACCSAP VII - American College of Cardiology. 	

 GOVERNMENT OF DUBAI	Guideline	 سلطة مدينة دبي الطبية Dubai Healthcare City Authority Regulatory - النطاق التنظيمي
	<u>Licensing Exam Guide for Healthcare Professionals</u>	
Document #: GL/HCP/078/03		Review Date: 16 October 2020
Issue Date: 16 October 2017		Related Forms: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



Exam Name	Clinical Pathology	
Duration	2 hours	
Format	Multiple Choice Questions	
No. of Questions	70	
Passing Score	70%	
Exam Centers	Worldwide	
Exam code	CPATH	
Exam Content Areas	Hematology	30%
	Blood Bank	10%
	Biochemistry	26%
	Microbiology	20%
	Molecular and Cytogenetics	4%
	Immunology and Serology	10%
	Total	100%
Exam Reference Books	Hematology <ol style="list-style-type: none"> 1. Wintrobe's Clinical Hematology, Lippincott Williams and Wilkins, 12th Edition, 2009 2. WHO Classification of tumors of hematopoietic and lymphoid tissues. Swerdlow SH, Campo E, Harris NL, et al. IARC press. 2008. 4th Edition 3. Dacie and Lewis: Practical Hematology. Lewis SM, Bain BJ, Bates I (Eds). 2006, 10th Ed 4. Haemoglobinopathy Diagnosis. Barbara J. Bain. 2006. 2nd Ed 5. William's Hematology. Lichtman LA, Beutler E, Kipps TJ, et al. 2007 The McGraw-Hill Companies. 7th Ed 6. Modern Hematology. Biology and clinical management. 2007, 2nd ed. Munker R, Ed. Humana Press, New Jersey. Biochemistry	

 حكومة دبي GOVERNMENT OF DUBAI	Guideline	 سلطة مدينة دبي الطبية Dubai Healthcare City Authority القطاع التنظيمي - Regulatory
	<u>Licensing Exam Guide for Healthcare Professionals</u>	
Document #: GL/HCP/078/03		Review Date: 16 October 2020
Issue Date: 16 October 2017		Related Forms: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



	<ol style="list-style-type: none"> 1. Textbook of Biochemistry, 7th Edition, Wiley 2. Davidson's Principles and Practice of Medicine, 20th Edition 3. Lippincott's illustrated reviews, 4th edition, 2008, Biochemistry, Williams and Wilkins 4. Harper's Illustrated Biochemistry, 26th Edition, 2003, Murray RK, Granner Dk, Mayes PA, Rodwell VW., Lange Medical Books/McGraw-Hill. <p>Microbiology</p> <ol style="list-style-type: none"> 1. Microbiology: Principles and Application, 3rd Edition 2. Medical Microbiology, Churchill Livingstone, 16th Edition, 2002 3. Textbook of Microbiology. R Ananthanarayanan, CKJ Paniker. 7th Edition <p>Blood bank</p> <ol style="list-style-type: none"> 1. AABB Technical Manual. Mark E. Brecher (Ed,) AABB, 2005 <p>Molecular Pathology</p> <ol style="list-style-type: none"> 1. Molecular Diagnosis for Clinician Laboratorian. Coleman WB & Tsongalis GJ (Eds). Humana Press. 2. Clinical Pathology, 2007, Oxford U Press <p>Immunology</p> <ol style="list-style-type: none"> 1. Robbins Basic Pathology. Kumar, Abbas, Fausto, Mitchell, 8th Edition, 2007 2. Medical Immunology. Parslow TG, Stities DP, Terr AI, Imboden JB., McGraw-Hill, 2001 3. Transplantation Immunology, methods and protocols. Hornick P, Rose M., 2006, Humana Press, New Jersey.
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 GOVERNMENT OF DUBAI	Guideline	 سلطة مدينة دبي الطبية Dubai Healthcare City Authority Regulatory - النطاق التنظيمي
	<u>Licensing Exam Guide for Healthcare Professionals</u>	
Document #: GL/HCP/078/03		Review Date: 16 October 2020
Issue Date: 16 October 2017		Related Forms: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



Exam Name	Dermatology	
Duration	2 hours	
Format	Multiple Choice Questions	
No. of Questions	70	
Passing Score	75%	
Exam Centers	Worldwide	
Exam code	DERM	
Exam Content Areas	Basic Science	6%
	Pruritus and Papulosquamous Dermatitis	9%
	Urticaria, Erythemas and Purpuras	10%
	Vesiculobullous Diseases	7%
	Adnexal, Hair, Nail and Mucous Membrane Diseases	9%
	Metabolic, Rheumatologic and Systemic Diseases	10%
	Genodermatoses and Pigmentary Disorders	7%
	Infections, Infestations and Bites	8%
	Disorders due to Physical Agents	2%
	Disorders of Langerhans Cells and Macrophages	6%
	Disorders of Dermal CT and Subcutaneous Fat	6%
	Vascular Disorders and Neoplasm of the Skin	6%
	Dermatological Therapy	8%
	Dermatological Surgery and Cosmetology	6%
	Total	100%
Exam Reference Books	<ol style="list-style-type: none"> 1. Dermatology, Bologna J, Jorizzo J, Rapini R. 2. Rook's Textbook of Dermatology by D. A. Burns (Editor), S. M. Breathnach (Editor), Neil Cox (Editor), Christopher E. Griffiths (Editor). 3. Fitzpatrick's Dermatology in General Medicine (2 Volumes) by Klaus Wolff, Lowell Goldsmith, Stephen Katz, and Barbara Gilchrist. 4. Lever's Histopathology of the Skin by David E Elder, Rosalie Elenitsas, Bennett L Johnson, and George F Murphy. 	

 GOVERNMENT OF DUBAI	Guideline	سلطة مدينة دبي الطبية Dubai Healthcare City Authority Regulatory - النطاق التنظيمي 
	Licensing Exam Guide for Healthcare Professionals	
Document #: GL/HCP/078/03		Review Date: 16 October 2020
Issue Date: 16 October 2017		Related Forms: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



Exam Name	Diagnostic Radiology	
Duration	2.5 hours	
Format	Multiple Choice Questions	
No. of Questions	100	
Passing Score	60%	
Exam Centers	Worldwide	
Exam code	RADDR	
Exam Content Areas	Gastrointestinal	11%
	Genitourinary	10%
	Neuro	11%
	Head and Neck	5%
	Musculoskeletal	11%
	Chest	11%
	Cardiovascular	5%
	Pediatrics	13%
	Interventional	5%
	Breast	5%
	Nuclear Medicine	4%
	Ultrasonography	5%
	Contrast and Safety	4%
	Gastrointestinal	11%
Total	100%	
Exam Reference Books	1. Computed Body Tomography with MRI Correlation, J Lee et al, Lippincott, Williams and Wilkins, Latest Edition. 2. Diagnostic and Surgical Imaging Anatomy: Brain, Head and Neck, Spine, Harnsberger et al, Lippincott, Williams and Wilkins, Latest Edition. 3. Diagnostic Imaging: Brain, Osborn et al, Amirsys, Latest Edition.	

 حكومة دبي GOVERNMENT OF DUBAI	Guideline	 سلطة مدينة دبي الطبية Dubai Healthcare City Authority القطاع التنظيمي - Regulatory
	<u>Licensing Exam Guide for Healthcare Professionals</u>	
Document #: GL/HCP/078/03		Review Date: 16 October 2020
Issue Date: 16 October 2017		Related Forms: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



4. Fundamentals of Diagnostic Radiology, Brant and Helms, Lippincott, Williams and Wilkins, Latest Edition.
5. Primer of Diagnostic Imaging, Weissleder et al, Mosby, Latest Edition.
6. Review of Radiologic Physics, Walter Huda, Lippincott, Williams and Wilkins, Latest Edition.

 حكومة دبي GOVERNMENT OF DUBAI	Guideline	 سلطة مدينة دبي الطبية Dubai Healthcare City Authority القطاع التنظيمي - Regulatory
	<u>Licensing Exam Guide for Healthcare Professionals</u>	
Document #: GL/HCP/078/03		Review Date: 16 October 2020
Issue Date: 16 October 2017		Related Forms: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



Exam Name	Endocrinology	
Duration	2.5 hours	
Format	Multiple Choice Questions	
No. of Questions	100	
Passing Score	60%	
Exam Centers	Worldwide	
Exam code	ENDCR	
Exam Content Areas	Diabetes Mellitus	30%
	Obesity	10%
	Dyslipidemia	10%
	Thyroid	15%
	Hypothalamus and Pituitary	10%
	Adrenal	6%
	Parathyroid / Metabolic Bone Diseases	10%
	Reproductive Endocrinology	5%
	Inherited Endocrine Disorders	4%
	Total	100%
Exam Reference Books	<ol style="list-style-type: none"> 1. Becker, Kenneth L. Principles and Practice of Endocrinology and Metabolism. Philadelphia: Lippincott Williams and Wilkins, Latest Edition. 2. Wass, John A.H. Oxford Textbook of Endocrinology and Diabetes. Oxford: Oxford UP, Latest Edition. 3. Melmed, Shlomo, and Robert Hardin Williams. Williams Textbook of Endocrinology. Philadelphia: Elsevier, Saunders, Latest Edition. 	

 GOVERNMENT OF DUBAI	Guideline	 سلطة مدينة دبي الطبية Dubai Healthcare City Authority القطاع التنظيمي - Regulatory
	<u>Licensing Exam Guide for Healthcare Professionals</u>	
Document #: GL/HCP/078/03		Review Date: 16 October 2020
Issue Date: 16 October 2017		Related Forms: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



Exam Name	Family Medicine	
Duration	2.5 hours	
Format	Multiple Choice Questions	
No. of Questions	100	
Passing Score	60%	
Exam Centers	Worldwide	
Exam code	FAMME	
Exam Content Areas	Chronic Diseases	14%
	Acute and/or Common Medical Problems	14%
	Common Pediatric Problems	12%
	Women Health	12%
	Emergency Problems	8%
	Common Surgical Problems	7%
	Common Psychiatric Problems	8%
	Common Eye and ENT Problems	8%
	Common Derma Problems	4%
	Basic Epidemiology and EBM Concepts	3%
	Family Medicine Concepts	5%
	Screening and Periodic Health Examination	5%
	Total	100%
Exam Reference Books	<ol style="list-style-type: none"> 1. Nelson Textbook of Pediatrics, Latest Edition, Saunders (Elsevier). 2. Primary Care Medicine, Latest Edition, Goroll and Mulley. 3. The Johns Hopkins Manual of Gynecology and Obstetrics, Latest Edition Johns Hopkins Institute. 4. Harrison's Principles of Internal medicine, Latest Edition, McGraw-Hill. 5. Oxford Handbook of Clinical Specialties, Latest Edition, Collier and Longmore. 6. Psychiatry for Primary Care Physicians, Latest Edition, Goldman, Wise, and Brody. 7. Primary Care Medicine: Office Evaluation and Management of the Adult Patient, Latest Edition. 	

 حكومة دبي GOVERNMENT OF DUBAI	Guideline	 سلطة مدينة دبي الطبية Dubai Healthcare City Authority القطاع التنظيمي - Regulatory
	<u>Licensing Exam Guide for Healthcare Professionals</u>	
Document #: GL/HCP/078/03		Review Date: 16 October 2020
Issue Date: 16 October 2017		Related Forms: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



Exam Name	Gastroenterology	
Duration	2 hours	
Format	Multiple Choice Questions	
No. of Questions	70	
Passing Score	75%	
Exam Centers	Worldwide	
Exam code	GSTRO	
Exam Content Areas	Esophagus	10%
	Stomach/Duodenum	15%
	Small Intestine	10%
	Colonic Diseases	15%
	Biliary Tract	8%
	Liver Diseases	25%
	Pancreas	10%
	Miscellaneous	7%
	Total	100%
Exam Reference Books	<ol style="list-style-type: none"> 1. Sleisenger and Fordtran's Gastrointestinal and Liver Disease- 2 Volume Set: by Mark Feldman, Lawrence S. Friedman MD, and Lawrence J. Brandt MD, Latest Edition. 2. Mayo Clinic Gastroenterology and Hepatology Board Review, by Stephen C. Hauser, Darrell S. Pardi, and John J. Poteruch, Latest Edition. 3. Practical Gastrointestinal Endoscopy: The Fundamentals by Peter B. Cotton, Christopher B. Williams, Robert H. Hawes, and Brian P. Saunders, Latest Edition. 4. Sleisenger and Fordtran's Gastrointestinal and Liver Disease, Latest Edition. 	

 GOVERNMENT OF DUBAI	Guideline	 سلطة مدينة دبي الطبية Dubai Healthcare City Authority القطاع التنظيمي - Regulatory
	<u>Licensing Exam Guide for Healthcare Professionals</u>	
Document #: GL/HCP/078/03		Review Date: 16 October 2020
Issue Date: 16 October 2017		Related Forms: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



Exam Name	General Medicine	
Duration	3 hours	
Format	Multiple Choice Questions	
No. of Questions	100	
Passing Score	65%	
Exam Centers	Worldwide	
Exam code	GENPR	
Exam Content Areas	Chronic Diseases	14%
	Acute and/or Common Medical Problems	14%
	Common Pediatric Problems	12%
	Women Health	12%
	Emergency Problems	8%
	Common Surgical Problems	7%
	Common Psychiatric Problems	8%
	Common Eye and ENT Problems	8%
	Common Derma Problems	4%
	Basic Epidemiology and EBM Concepts	3%
	Family Medicine Concepts	5%
	Screening and Periodic Health Examination	5%
	Total	100%
Exam Reference Books	<ol style="list-style-type: none"> 1. Nelson Textbook of Pediatrics, Latest Edition, Saunders (Elsevier). 2. Primary Care Medicine, Latest Edition, Goroll and Mulley. 3. The Johns Hopkins Manual of Gynecology and Obstetrics, Latest Edition Johns Hopkins Institute. 4. Harrison's Principles of Internal medicine, Latest Edition, McGraw-Hill. 5. Oxford Handbook of Clinical Specialties, Latest Edition, Collier and Longmore. 6. Psychiatry for Primary Care Physicians, Latest Edition, Goldman, Wise, and Brody. 7. Primary Care Medicine: Office Evaluation and Management of the Adult Patient, Latest Edition. 	

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Exam Name	General Surgery	
Duration	3 hours	
Format	Multiple Choice Questions	
No. of Questions	100	
Passing Score	70%	
Exam Centers	Worldwide	
Exam code	GENSU	
Exam Content Areas	Fluid and Electrolytes	6%
	Shock	4%
	Sepsis and Surgical Infections	8%
	Perioperative Care	3%
	Trauma and Critical Care	8%
	Endocrine and Breast	8%
	Upper GI	14%
	Colorectal and Perianal	14%
	Hepato-biliary	10%
	Pancreas and Spleen	8%
	Hernia (all)	7%
	Vascular	3%
	Paediatrics	4%
	Skin and Soft Tissue	3%
	Total	100%
Exam Reference Books	<ol style="list-style-type: none"> 1. Sabiston Textbook of Surgery, latest Edition. 2. Schwartz Textbook of Surgery, latest Edition. 3. Current Surgical Therapy by John L. Cameron, latest Edition. 4. Bailey and Love`s Short Practice of Surgery, latest Edition. 5. Rush Surgical Review, latest Edition. 	

 GOVERNMENT OF DUBAI	Guideline	 سلطة مدينة دبي الطبية Dubai Healthcare City Authority القطاع التنظيمي - Regulatory
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Document #: GL/HCP/078/03		Review Date: 16 October 2020
Issue Date: 16 October 2017		Related Forms: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



Exam Name	Intensive Care	
Duration	2 hours	
Format	Multiple Choice Questions	
No. of Questions	70	
Passing Score	75%	
Exam Centers	Worldwide	
Exam code	ICU	
Exam Content Areas	Ventilator & ARDS	20%
	Hemodynamic & Shock	20%
	Pharmacology & Medical Therapeutics	5%
	Cardiovascular Diseases	10%
	Pulmonary Diseases	5%
	Infectious Diseases	10%
	Nephrology, electrolyte & ABG	5%
	Trauma	10%
	Nero Critical Care	5%
	Surgical Critical Care & Gynecology	10%
	Total	100%
Exam Reference Books	<ol style="list-style-type: none"> Hall, JB, Schmidt, GA, Wood, LD. PRINCIPLES OF CRITICAL CARE (3rd edition). USA: The McGraw-Hill companies. Tierney McPhee Papadakis. Current Medical Diagnosis and Treatment, 4th edition, USA: The McGraw-Hill companies Fauci, AS, Kasper, DF, Longo, DL, Braunwald, E, Hauser, SL, Jameson, JL, Loscalzo, J. HARRISON'S PRINCIPLES OF INTERNAL MEDICINE (17TH edition). USA: The McGraw-Hill companies. Marino, PL. The ICU Book, 3rd edition, Pennsylvania: Lippincott Williams and Wilkins. Curtis, GT, Nelson, LT. ICU Recall (2nd edition), USA: Lippincott Williams and Wilkins. 	

 GOVERNMENT OF DUBAI	Guideline	 سلطة مدينة دبي الطبية Dubai Healthcare City Authority Regulatory - النطاق التنظيمي
	<u>Licensing Exam Guide for Healthcare Professionals</u>	
Document #: GL/HCP/078/03		Review Date: 16 October 2020
Issue Date: 16 October 2017		Related Forms: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



Exam Name	Internal Medicine	
Duration	3 hours	
Format	Multiple Choice Questions	
No. of Questions	100	
Passing Score	65%	
Exam Centers	Worldwide	
Exam code	INTME	
Exam Content Areas	Cardiovascular	12%
	Pulmonary Diseases	12%
	Gastrointestinal Diseases	12%
	Infectious Diseases	13%
	Pulmonary Diseases	5%
	Hematology	4%
	Oncology	8%
	Nephrology	5%
	Rheumatology	12%
	Endocrinology	5%
	Neurology	4%
	Emergency Medicine	5%
	Psychiatry	2%
	Dermatology	1%
	Total	100%
Exam Reference Books	<ol style="list-style-type: none"> Harrison's Principles of Internal Medicine, Fauci et al, McGraw-Hill, Latest Edition. Differential Diagnosis in Internal Medicine: From Symptom to Diagnosis, Siegenthaler, Thieme Medical Publishers, Latest Edition. Cecil Review of General Internal Medicine, Cooper and Pappas, Saunders/Elsevier, Latest Edition. Davidson's Principles and Practices of Medicine, Churchill Livingstone, Latest Edition. 	

 حكومة دبي GOVERNMENT OF DUBAI	Guideline	 سلطة مدينة دبي الطبية Dubai Healthcare City Authority القطاع التنظيمي - Regulatory
	<u>Licensing Exam Guide for Healthcare Professionals</u>	
Document #: GL/HCP/078/03		Review Date: 16 October 2020
Issue Date: 16 October 2017		Related Forms: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



Exam Name	Medical Microbiology	
Duration	2 hours	
Format	Multiple Choice Questions	
No. of Questions	70	
Passing Score	65%	
Exam Centers	Worldwide	
Exam code	MICDR	
Exam Content Areas	Bacteriology	39%
	Virology	21%
	Mycology	14%
	Parasitology	14%
	Infectious Disease	6%
	Immunology / Serology	6%
	Total	100%
Exam Reference Books	<ol style="list-style-type: none"> 1. Manual of Clinical Microbiology by Patrick R. Murray. 2. Robbins & Cotran, Pathologic Basis of Disease, 7th Edition. 3. De May R M, The Art of Cytopathology, 2 volumes. 4. Laboratory Diagnosis of Infectious Diseases by Paul G. Engelkirk, Lippincott Williams and Wilkins. 2008. 5. Medical Microbiology by Patrick-R Murray - Fifth Edition. Elsevier Mosby. 2005 	

 GOVERNMENT OF DUBAI	Guideline	 سلطنة مدينة دبي الطبية Dubai Healthcare City Authority Regulatory - النطاق التنظيمي
	<u>Licensing Exam Guide for Healthcare Professionals</u>	
Document #: GL/HCP/078/03		Review Date: 16 October 2020
Issue Date: 16 October 2017		Related Forms: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



Exam Name	Obstetrics & Gynecology	
Duration	3 hours	
Format	Multiple Choice Questions	
No. of Questions	100	
Passing Score	65%	
Exam Centers	Worldwide	
Exam code	OBGYN	
Exam Content Areas	Menstrual Abnormalities	11%
	Reproductive Endocrinology	11%
	Antepartum Hemorrhage	12%
	Normal Pregnancy	11%
	Fibroids and Endometriosis	5%
	Vulvar and Vaginal Disorders	4%
	Cervical and Vulvar Cancer	8%
	Adnexal Masses and Ovarian Cancer	5%
	Medical Disorders with Pregnancy	12%
	Menopause and Related Diseases	5%
	Infertility	4%
	Contraceptives	5%
	Statistics and Epidemiology	4%
	Urogynecology	3%
	Total	100%
Exam Reference Books	1. Williams Obstetrics, 23 rd Edition, Cunningham et al, Appleton and Lange. 2. Clinical Gynecological Endocrinology and Infertility, 7 th Edition, Leon Speroff, Lippincott. 3. Perek and Novak Gynecology, 14 th edition, Jonathan Perek, Lippincott. 4. Comprehensive Gynecology, 5 th Edition, Vern Katz et al, Mosby.	

 GOVERNMENT OF DUBAI	Guideline	 سلطة مدينة دبي الطبية Dubai Healthcare City Authority Regulatory - النطاق التنظيمي
	<u>Licensing Exam Guide for Healthcare Professionals</u>	
Document #: GL/HCP/078/03		Review Date: 16 October 2020
Issue Date: 16 October 2017		Related Forms: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



Exam Name	Ophthalmology	
Duration	2 hours	
Format	Multiple Choice Questions	
No. of Questions	70	
Passing Score	70%	
Exam Centers	Worldwide	
Exam code	OPHTH	
Exam Content Areas	General Medicine	8%
	Fundamentals and Principles	5%
	Optics, Refraction and Contact Lenses	5%
	Ophthalmic Pathology and Ocular Tumours	5%
	Neuro-ophthamology	5%
	Paediatric Ophthalmology and Strabismus	15%
	Orbit, Eyelids and Lacrimal System	10%
	Cornea, Lens and External Diseases	12%
	Intraocular Inflammation and Uveitis	10%
	Glaucoma	8%
	Retina and Vitreous	15%
	Ethics and Professionalism	2%
	Total	100%
Exam Reference Books	<ol style="list-style-type: none"> 1. Basic and Clinical Science Course (BCSC) Residency Print Set, by American Academy of Ophthalmology, Latest Edition. 2. Ocular Infections (Essentials in Ophthalmology) by Khalid Tabbara, Ahmed Mokhtar, Mohamed Abu El-Asrar, Moncef Khairallah, Latest Edition. 3. Kanski's Clinical Ophthalmology: A Systematic Approach by Brad Bowling, Latest Edition. 4. Ophthalmology: Expert Consult: Yanoff MD, Myron; Duker MD, Jay S., Latest Edition. 5. Adler's Physiology of the Eye: Expert Consult by Leonard A Levin, Siv F. E. Nilsson, James Ver, Samuel Wu MD, Paul L. Kaufman, Albert Alm, Latest Edition. 6. Duane's Clinical Ophthalmology by William Tasman, Edward A. Jaeger, Latest Edition. 	

 GOVERNMENT OF DUBAI	Guideline	 سلطة مدينة دبي الطبية Dubai Healthcare City Authority القطاع التنظيمي - Regulatory
	<u>Licensing Exam Guide for Healthcare Professionals</u>	
Document #: GL/HCP/078/03		Review Date: 16 October 2020
Issue Date: 16 October 2017		Related Forms: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



Exam Name	Orthopedic Surgery	
Duration	2 hours	
Format	Multiple Choice Questions	
No. of Questions	70	
Passing Score	75%	
Exam Centers	Worldwide	
Exam code	ORTHO	
Exam Content Areas	Basic and Principles of Orthopedic	8%
	Infections	4%
	Metabolic Skeletal Disorders	4%
	Trauma	25%
	Pediatric Orthopedics	10%
	Spine	10%
	Orthopedic Sport Medicine	9%
	Reconstruction	9%
	Arthroplasty	9%
	Hand	4%
	Foot and Ankle	4%
	Tumors	4%
	Total	100%
Exam Reference Books	<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 J Warwick, 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 adult 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. 	

 حكومة دبي GOVERNMENT OF DUBAI	Guideline	 سلطة مدينة دبي الطبية Dubai Healthcare City Authority القطاع التنظيمي - Regulatory
	<u>Licensing Exam Guide for Healthcare Professionals</u>	
Document #: GL/HCP/078/03		Review Date: 16 October 2020
Issue Date: 16 October 2017		Related Forms: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



Exam Name	Otolaryngology	
Duration	2.5 hours	
Format	Multiple Choice Questions	
No. of Questions	100	
Passing Score	65%	
Exam Centers	Worldwide	
Exam code	ENT	
Exam Content Areas	Otology and Otoneurology	23%
	Rhinology	22%
	Pediatric ENT	20%
	Head and Neck	10%
	Laryngology	15%
	Audiology and Speech	5%
	Emergency	5%
	Total	100%
Exam Reference Books	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.	

 حكومة دبي GOVERNMENT OF DUBAI	Guideline	 سلطة مدينة دبي الطبية Dubai Healthcare City Authority القطاع التنظيمي - Regulatory
	<u>Licensing Exam Guide for Healthcare Professionals</u>	
Document #: GL/HCP/078/03		Review Date: 16 October 2020
Issue Date: 16 October 2017		Related Forms: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



Exam Name	Pediatrics	
Duration	3 hours	
Format	Multiple Choice Questions	
No. of Questions	70	
Passing Score	70%	
Exam Centers	Worldwide	
Exam code	PEDS	
Exam Content Areas	Development , Cognition, Language and Learning	7%
	Gastroenterology, Growth and Nutrition	10%
	Immunization	3%
	Emergency/Ingestion/Poisoning	7%
	Neonatal	6%
	Fluid and Electrolyte	4%
	Metabolic /Genetics / Dymorphology	4%
	Food and Drug Allergy / Immunology	3%
	Infectious Diseases	6%
	Endocrine	4%
	Respiratory	5%
	Cardiovascular	5%
	Hematology/ Oncology	5%
	Renal / Genitourinary	6%
	Neurology	5%
	Rheumatology	2%
	Pediatrics Surgery	3%
	Dermatology	3%
	Ophthalmology/ENT	3%
	Behavioral Medicine/ Psychosocial	3%
	Critical Care	5%

 حكومة دبي GOVERNMENT OF DUBAI	Guideline	 سلطة مدينة دبي الطبية Dubai Healthcare City Authority القطاع التنظيمي - Regulatory
	<u>Licensing Exam Guide for Healthcare Professionals</u>	
Document #: GL/HCP/078/03		Review Date: 16 October 2020
Issue Date: 16 October 2017		Related Forms: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



	Others	1%
	Total	100%
Exam Reference Books	1. Nelson's Textbook of Pediatrics, Kliegman et al., Saunders/Els evier (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.	

 حكومة دبي GOVERNMENT OF DUBAI	Guideline	 سلطة مدينة دبي الطبية Dubai Healthcare City Authority القطاع التنظيمي - Regulatory
	<u>Licensing Exam Guide for Healthcare Professionals</u>	
Document #: GL/HCP/078/03		Review Date: 16 October 2020
Issue Date: 16 October 2017		Related Forms: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



Exam Name	Plastic Surgery	
Duration	2 hours	
Format	Multiple Choice Questions	
No. of Questions	70	
Passing Score	75%	
Exam Centers	Worldwide	
Exam code	PLASU	
Exam Content Areas	General Plastic Surgery and Reconstructions	34%
	Hand and Extremity	26%
	Craniofacial and Pediatric Plastic	14%
	Aesthetic and Breast	26%
	Total	100%
Exam Reference Books	<ol style="list-style-type: none"> 1. Plastic Surgery - by Stephen j. Mathes. 2. Green's Operative Hand Surgery – David Green. 3. Plastic and Reconstructive Breast Surgery – John Bostwick. 4. Grabb's Encyclopedia of Flaps – BerishStrauch. 5. Pediatric Plastic Surgery – Micheal L. Bentz. 6. Lister's The Hand Diagnosis and Indications – Paul Smith Principles and Practice of Pediatric Plastic Surgery – Miccheal L. Bentz, Ronald M. Zoker. 7. Microsurgical Reconstruction of the Head and Neck – Peter Neligan, Fu-chan Wei. 	

 حكومة دبي GOVERNMENT OF DUBAI	Guideline	 سلطة مدينة دبي الطبية Dubai Healthcare City Authority القطاع التنظيمي - Regulatory
	<u>Licensing Exam Guide for Healthcare Professionals</u>	
Document #: GL/HCP/078/03		Review Date: 16 October 2020
Issue Date: 16 October 2017		Related Forms: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



Exam Name	Prosthodontics	
Duration	2 hours	
Format	Multiple Choice Questions	
No. of Questions	70	
Passing Score	75%	
Exam Centers	Worldwide	
Exam code	PRODE	
Exam Content Areas	Fixed Partial Dentures (FPD)	20%
	Removable Complete Dentures (CD)	15%
	Removable Partial Dentures	10%
	Occlusion	10%
	Team Approach	5%
	Endodontically Treated Teeth	5%
	Esthetic Considerations	10%
	Communication with Lab	5%
	Implant Prosthodontics	10%
	Dental Materials	10%
	Total	100%
Exam Reference Books	<ol style="list-style-type: none"> 1. Clinical Aspects of Dental Materials, Marcia Gladwin, Michael Bagby, Lippincott Williams and Wilkins. Baltimore, Maryland, Latest Edition. 2. Contemporary Fixed Prosthodontics, S.F Rosenstiel, M.F. Land, J. Fujimoto Mosby, Latest Edition. 3. Failure in the Restored Dentition, Management and Treatment, M.D. Wise. Quintessence Publishing Co. Ltd. London, Latest Edition. 4. Fundamentals of Fixed Prosthodontics. H.T. Shillingburg, S. Hobo, LD.Whitsett, R. Jacobi, S.E Bracket. Quintessence Publishing, Chicago, Latest Edition. 5. Applied Occlusion. R. Wassel, A. Naru, J. Steele, F. Nohl. Quintessence Publishing London, Latest Edition. 	

 حكومة دبي GOVERNMENT OF DUBAI	Guideline	سلطنة مدينة دبي الطبية Dubai Healthcare City Authority Regulatory - النطاق التنظيمي 
	<u>Licensing Exam Guide for Healthcare Professionals</u>	
Document #: GL/HCP/078/03		Review Date: 16 October 2020
Issue Date: 16 October 2017		Related Forms: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



6. Prosthodontic Treatment for Edentulous Patients. Complete Dentures and Implant-Supported Prosthesis. Zarb and Hobrik, Latest Edition.
7. McCracken's Removable Partial Prosthodontics, Alan B. Carr, David T. Brow, Latest Edition.

 GOVERNMENT OF DUBAI	Guideline	 سلطنة مدينة دبي الطبية Dubai Healthcare City Authority Regulatory - النطاق التنظيمي
	<u>Licensing Exam Guide for Healthcare Professionals</u>	
Document #: GL/HCP/078/03		Review Date: 16 October 2020
Issue Date: 16 October 2017		Related Forms: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



Exam Name	Psychiatry	
Duration	3 hours	
Format	Multiple Choice Questions	
No. of Questions	100	
Passing Score	70%	
Exam Centers	Worldwide	
Exam code	PSYCH	
Exam Content Areas	Adult Psychiatry	20%
	Basic Sciences	15%
	Child Psychiatry	10%
	Consultation Liaison Psychiatry	10%
	Emergency Psychiatry	5%
	Ethics in Psychiatry	5%
	Forensic Psychiatry	10%
	Geriatric Psychiatry	5%
	Patient Evaluation (Diagnostic Procedures)	10%
	Substance Related Disorders	10%
	Treatment of Psychiatric Disorders	15%
	Total	100%
Exam Reference Books	1. Kaplan & Sadock's Synopsis of Psychiatry, 10th Edition.	

 حكومة دبي GOVERNMENT OF DUBAI	Guideline	 سلطة مدينة دبي الطبية Dubai Healthcare City Authority القطاع التنظيمي - Regulatory
	<u>Licensing Exam Guide for Healthcare Professionals</u>	
Document #: GL/HCP/078/03		Review Date: 16 October 2020
Issue Date: 16 October 2017		Related Forms: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



Exam Name	Pulmonology Medicine	
Duration	3 hours	
Format	Multiple Choice Questions	
No. of Questions	100	
Passing Score	60%	
Exam Centers	Worldwide	
Exam code	PULM	
Exam Content Areas	Infiltrative Lung Disease	15%
	Airway	20%
	Infection	20%
	Pulmonary Vascular	10%
	Cancer	10%
	Pleural Diseases/ Chest Wall	10%
	Sleep/ Neuromuscular	10%
	Intensive Care	5%
	Total	100%
Exam Reference Books	<ol style="list-style-type: none"> 1. Robert J Mason. Murray and Nadel's Text Book of Respiratory Medicine, Saunders; Fifth Edition, Latest Edition. 2. McPhee, Papadakis. Current Medical Diagnosis and Treatment, USA: The McGraw-Hill Education; Latest Edition. 3. Longo, DL, Fauci, AS, Kasper, DF, Hauser, SL, Jameson, JL, Loscalzo, J. HARRISON'S Principles of Internal Medicine. USA: The McGraw-Hill companies; Latest Edition. 4. Fishman's Pulmonary Diseases and Disorders, Latest Edition 	

 GOVERNMENT OF DUBAI	Guideline	 سلطة مدينة دبي الطبية Dubai Healthcare City Authority القطاع التنظيمي - Regulatory
	<u>Licensing Exam Guide for Healthcare Professionals</u>	
Document #: GL/HCP/078/03		Review Date: 16 October 2020
Issue Date: 16 October 2017		Related Forms: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



Exam Name	Rheumatology	
Duration	2.5 hours	
Format	Multiple Choice Questions	
No. of Questions	100	
Passing Score	60%	
Exam Centers	Worldwide	
Exam code	RHUMA	
Exam Content Areas	Regional Pain Syndromes	13%
	Rheumatoid Arthritis	14%
	Seronegative Spondyloarthropathies	10%
	Cartilage and Bone Diseases	8%
	Crystal Induced Arthropathies	8%
	Infectious and Related Arthritis	8%
	Systemic Lupus Erythematosus and Antiphospholipid Syndrome	13%
	Other Rheumatic and Connective Tissue Diseases	14%
	Vasculitis	12%
	Total	100%
Exam Reference Books	1. Klippel, John H. Primer on the Rheumatic Diseases. New York, NY: Springer, Latest Edition. 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. 3. Bijlsma, J. W. J. EULAR Textbook on Rheumatic Diseases. London: BMJ / EULAR, Latest Edition.	

 GOVERNMENT OF DUBAI	Guideline	 سلطة مدينة دبي الطبية Dubai Healthcare City Authority Regulatory - النطاق التنظيمي
	Licensing Exam Guide for Healthcare Professionals	
Document #: GL/HCP/078/03		Review Date: 16 October 2020
Issue Date: 16 October 2017		Related Forms: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



Exam Name	Urology	
Duration	2.5 hours	
Format	Multiple Choice Questions	
No. of Questions	100	
Passing Score	65%	
Exam Centers	Worldwide	
Exam code	UROLO	
Exam Content Areas	Anatomy	2%
	Clinical Decision Making	2%
	Basics of Urologic Surgery	4%
	Infections and Inflammations	5%
	Molecular and Cellular Biology	3%
	Reproductive and Sexual Function	8%
	Male Genitalia	5%
	Renal Physiology and Pathophysiology	2%
	Upper Urinary Tract Obstruction and Trauma	8%
	Renal Failure and Transplantation	8%
	Urinary Lithiasis and Endourology	8%
	Neoplasm of the Upper Urinary Tract	8%
	The Adrenals	2%
	Urine Transport, Storage and Emptying	2%
	Benign and Malignant Bladder Disorders	10%
	Prostate	10%
	Pediatric Urology	13%
	Total	100%
Exam Reference Books	1. Campbell-Walsh Urology, Latest Edition. 2. Hinman's Atlas of Urologic Surgery. 3. Smith's General Urology, Latest Edition.	

 حكومة دبي GOVERNMENT OF DUBAI	Guideline	 سلطة مدينة دبي الطبية Dubai Healthcare City Authority القطاع التنظيمي - Regulatory
	<u>Licensing Exam Guide for Healthcare</u> <u>Professionals</u>	
Document #: GL/HCP/078/03		Review Date: 16 October 2020
Issue Date: 16 October 2017		Related Forms: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



Dental

 GOVERNMENT OF DUBAI	Guideline	 سلطة مدينة دبي الطبية Dubai Healthcare City Authority القطاع التنظيمي - Regulatory
	<u>Licensing Exam Guide for Healthcare Professionals</u>	
Document #: GL/HCP/078/03		Review Date: 16 October 2020
Issue Date: 16 October 2017		Related Forms: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



Exam Name	Endodontics		
Duration	2 hours		
Format	Multiple Choice Questions		
No. of Questions	70		
Passing Score	75%		
Exam Centers	Worldwide		
Exam code	ENDO		
Exam Content Areas	Diagnosis (25%)	Treatment plan, examination & case selection	3%
		Test (Materials & Instruments)	4%
		Clinical Classification & Prognosis	3%
		Dental Pain & Emergencies	10%
		Histology & Microbiology of Dental & Pulp	5%
	Preparation for Treatment (10 %)	Infection Control (Isolation, Sterilization)	4%
		Local Anesthesia in Endo. & Analgesics	3%
		Radiographic Interpretation	3%
	Endo. Therapy (25 %)	Tooth Morphology & access Cavity preparation	5%
		Instruments, Materials & Devices	8%
		Cleaning & shaping of the root canal system	7%
		Obturation	5%
	Endo. Management (25%)	Vital pulp Therapy (Pulp capping, Pulpotomy, Pulpectomy)	5%
Non vital pulp therapy		2%	
Trauma & Root Resorption		8%	
Endo-perio Lesions		6%	
Restoration of Endo. treated teeth & bleaching		4%	

 حكومة دبي GOVERNMENT OF DUBAI	Guideline	 سلطة مدينة دبي الطبية Dubai Healthcare City Authority القطاع التنظيمي - Regulatory
	<u>Licensing Exam Guide for Healthcare Professionals</u>	
Document #: GL/HCP/078/03		Review Date: 16 October 2020
Issue Date: 16 October 2017		Related Forms: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



	Endo. Failures (15%)	Non- Surgical retreatment Surgical Mishaps	3% 2% 10%
	Total		100%
Exam Reference Books	1. Pathways of the Pulp 9th Edition by Cohen S. Hargaves K.M. eds. Mosby.		

 GOVERNMENT OF DUBAI	Guideline	 سلطة مدينة دبي الطبية Dubai Healthcare City Authority Regulatory - النطاق التنظيمي
	<u>Licensing Exam Guide for Healthcare Professionals</u>	
Document #: GL/HCP/078/03		Review Date: 16 October 2020
Issue Date: 16 October 2017		Related Forms: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Exam Name	General Dentistry	
Duration	2.5 hours	
Format	Multiple Choice Questions	
No. of Questions	100	
Passing Score	60%	
Exam Centers	Worldwide	
Exam code	GENDE	
Exam Content Areas	Basic	5%
	Diagnostic Services	10%
	Operative	15%
	Endodontics	15%
	Periodontics	10%
	Oral Surgery	10%
	Pediatric Dentistry	10%
	Prosthodontics	15%
	Orthodontic	4%
	Others*	6%
	Total	100%
Exam Reference Books	Orthodontic 1. An Introduction to Orthodontics, Third Edition, Laura Mitchell, 2007, Oxford: Oxford University Press. 2. Contemporary Orthodontics, Fourth Edition, William R. Proffit, Henry W. Fields and David M. Sarver 2006, Saint Louis: Mosby, Inc. Restorative Dentistry 1. Textbook of Operative Dentistry/L. Baum, Ralph W. Phillips, Melvin R. Lund . Philadelphia: Saunders, 1995.	

 GOVERNMENT OF DUBAI	Guideline	 سلطنة مدينة دبي الطبية Dubai Healthcare City Authority Regulatory - النطاق التنظيمي
	<u>Licensing Exam Guide for Healthcare Professionals</u>	
Document #: GL/HCP/078/03		Review Date: 16 October 2020
Issue Date: 16 October 2017		Related Forms: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

	<p>2. Fundamentals of Operative Dentistry: A Contemporary Approach, Third Edition, Summitt, James B., Robbins, William J., Hilton, Thomas J., Schwartz, Richard S. Quintessence Pub. Co</p> <p>3. Sturdevant's Art & Science of Operative Dentistry(Hardcover)by Theodore M. Roberson (Editor), Harold O .Heymann(Editor ,)Edward J. Swift Jr.(Editor)Publisher Mosby</p> <p>Prosthodontic</p> <p>1. Complete Denture 5th Edition by Rahn,Hartwell.</p> <p>2. Boucher's prosthodontic Treatment for Edentulous Patients 10th ed. Fixed:</p> <p>1. Contemporary Fixed Prosthodontics 4th edition by Rosensteil .</p> <p>2. Fundamentals of Fixed Prosthodontics 3rd Edition by shillinburg</p> <p>Periodontic</p> <p>1. Carranza's Clinical Periodontology by Michael G. Newman DDS, Henry Takei DDS, Fermin A. Carranza Dr. Odont</p> <p>2. Clinical Periodontology and Implant Dentistry</p> <p>Dental Material</p> <p>1. Philips Science Of Dental Materials: 11th Edn. - Kenneth J. Anusavice .Publisher: Elsevier Science</p> <p>2. Restorative Dental Materials - 12 Edn. Robert G. Craig Publisher: CV Mosby, Feb. 2006</p> <p>3. Notes On Dental Materials - E.C. Combe Publisher: Kluwer Academic Publishers</p> <p>4. Applied Dental Materials. McCabe, John F. Walls, Angus W. G.Publishers: Blackwell Pub</p> <p>Pedodontics</p> <p>1. Pediatric Dentistry Infancy Through Adolescence by: Pinkham, J.R.,4th Edition,2005</p>
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 GOVERNMENT OF DUBAI	Guideline	 سلطة مدينة دبي الطبية Dubai Healthcare City Authority Regulatory - النطاق التنظيمي
	<u>Licensing Exam Guide for Healthcare Professionals</u>	
Document #: GL/HCP/078/03		Review Date: 16 October 2020
Issue Date: 16 October 2017		Related Forms: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

2. Dentistry for the Child and Adolescent By:Macdonald,R.E.AND Avery ,D.R8 TH Edition ,2005;Mosby Co. Inc



3. Fundamental of Pediatric Dentistry by: Mathewson R.J. Primosch RE Third Edition,1995

Endodontics



1. Endodontics by Ingel 6th edition
2. Pathways of the Dental Pulp 10th Edition by Cohen and Burns

Oral Medicine and Oral Pathology



1. Oral Medicine Burket's Oral Medicine by Lynch, Brightman Greenburg, 11th edition pmph USA; 2008
2. Oral Pathology A Textbook of Oral Pathology by Shafer W., Hine M. and Levy B. 4th edition, W.B Saunders Co., Philadelphia 2009 Edu. Elsevier India, New Delhi

 GOVERNMENT OF DUBAI	Guideline	 سلطة مدينة دبي الطبية Dubai Healthcare City Authority Regulatory - النطاق التنظيمي
	<u>Licensing Exam Guide for Healthcare Professionals</u>	
Document #: GL/HCP/078/03		Review Date: 16 October 2020
Issue Date: 16 October 2017		Related Forms: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



Exam Name	Oral Maxillofacial Surgery (Dental)	
Duration	2.5 hours	
Format	Multiple Choice Questions	
No. of Questions	100	
Passing Score	60%	
Exam Centers	Worldwide	
Exam code	OMS	
Exam Content Areas	Anesthesia and Pain Management	17%
	Trauma	20%
	Temporomandibular Joint	8%
	Dentoalveolar Surgery	20%
	Implant Surgery	4%
	Reconstruction	6%
	Cosmetic	1%
	Deformities and Orthognathic Surgery	15%
	Patient Education	5%
	Ethics	4%
	Total	100%
Exam Reference Books	<ol style="list-style-type: none"> Contemporary Oral and Maxillofacial Surgery, Hupp, Ellis, and Tucker, Latest Edition, Mosby. Handbook of Local Anesthesia, Malamed, Latest Edition, Mosby. Harrison's Principles of Internal Medicine, Fauci et al, Latest Edition, McGraw-Hill. Maxillofacial Surgery, Vol. 2, Ward-Booth, Schendel, Hausamen, Latest Edition, Elsevier. Medical Emergencies in the Dental Office, Malamed, Latest Edition, Mosby. Oral and Maxillofacial Surgery, Fonseca, Marciani, and Turvey, Latest Edition, WB Saunders. 	

 حكومة دبي GOVERNMENT OF DUBAI	Guideline	 سلطة مدينة دبي الطبية Dubai Healthcare City Authority القطاع التنظيمي - Regulatory
	<u>Licensing Exam Guide for Healthcare Professionals</u>	
Document #: GL/HCP/078/03		Review Date: 16 October 2020
Issue Date: 16 October 2017		Related Forms: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



7. Oral and Maxillofacial Trauma, Fonesca el al, Latest Edition, Elsevier Canada.
8. Oral and Maxillofacial Trauma, in 2 Volumes, Fonesca el al, Latest Edition, Saunders.

 حكومة دبي GOVERNMENT OF DUBAI	Guideline	 سلطة مدينة دبي الطبية Dubai Healthcare City Authority القطاع التنظيمي - Regulatory
	<u>Licensing Exam Guide for Healthcare Professionals</u>	
Document #: GL/HCP/078/03		Review Date: 16 October 2020
Issue Date: 16 October 2017		Related Forms: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



Exam Name	Orthodontics (Dentofacial Orthopedics)	
Duration	3 hours	
Format	Multiple Choice Questions	
No. of Questions	100	
Passing Score	75%	
Exam Centers	Worldwide	
Exam code	ORDENT	
Exam Content Areas	Developing Dentofacial Problems (Interceptive orthodontics for Intra-arch problems)	12%
	Dentofacial Orthopedics (Interceptive orthodontics for inter-arch problems)	11%
	Major Dentofacial Abnormalities	8%
	Orthodontic Treatment Phases and Mechanotherapy	9%
	Contemporary Orthodontic Techniques	8%
	Occlusion and Temporomandibular Disorders	6%
	Interdisciplinary Care of Adult Patients	15%
	Principles of Appliance Design and Biomechanics	6%
	Photography, Radiology, Cephalometry and Record keeping	5%
	Dental Materials	5%
	Retention and Stability	8%
	Ethical and Professionalism	3%
Patient Motivation	4%	
	Total	100%
Exam Reference Books	1. Contemporary Orthodontics (Latest Edition); William Proffit, Henry Fields, David Sarver. Publisher: Elsevier, St. Louis, USA. 2. Orthodontics, Current Principles and Techniques (Latest Edition); Lee Graber, Robert Vanarsdall, Katherine Vig. Publisher: Elsevier, St. Louis, USA.	

 GOVERNMENT OF DUBAI	Guideline	 سلطة مدينة دبي الطبية Dubai Healthcare City Authority Regulatory - النطاق التنظيمي
	<u>Licensing Exam Guide for Healthcare Professionals</u>	
Document #: GL/HCP/078/03		Review Date: 16 October 2020
Issue Date: 16 October 2017		Related Forms: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



Exam Name	Pedodontics	
Duration	3 hours	
Format	Multiple Choice Questions	
No. of Questions	100	
Passing Score	70%	
Exam Centers	Worldwide	
Exam code	PEDOD	
Exam Content Areas	Dental Development and Anomalies	17%
	Prevention	5%
	Local Anesthesia and Sedation	10%
	Restorative Dentistry and Dental Material	20%
	Special Care for Special Patients	13%
	Trauma	15%
	Behaviour	10%
	Orthodontics and Space Management Habits	10%
	Total	100%
Exam Reference Books	<ol style="list-style-type: none"> 1. The Hand Book of Pediatric Dentistry, Third edition, Arthur Nowak and Paul Casamassimo. 2. Pinkham. Casamassimo. Field. McTigue. Nowak, Pediatric Dentistry Infancy through Adolescence, Fourth Edition 3. McDonald. Avery. Dean, Dentistry for the Child and Adolescent, Eighth Edition. 4. Richard Welbury, Pediatric Dentistry, Second Edition. 5. The Reference Manual of the American Academy of Pediatric Dentistry 2007-2008. 	

 حكومة دبي GOVERNMENT OF DUBAI	Guideline	 سلطة مدينة دبي الطبية Dubai Healthcare City Authority القطاع التنظيمي - Regulatory
	<u>Licensing Exam Guide for Healthcare Professionals</u>	
Document #: GL/HCP/078/03		Review Date: 16 October 2020
Issue Date: 16 October 2017		Related Forms: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



Exam Name	Periodontics	
Duration	2 hours	
Format	Multiple Choice Questions	
No. of Questions	70	
Passing Score	75%	
Exam Centers	Worldwide	
Exam code	PEROD	
Exam Content Areas	Periodontal Anatomy/ Biochemistry/ Physiology	14%
	Periodontal Pathology/ Pharmacotherapeutics/ Microbiology/ Immunology	22%
	Oral Pathology/ Oral Medicine	14%
	Therapy & Prognosis	25%
	Diagnosis & Aetiology	18%
	Dental Implant Therapy	7%
	Total	100%
Exam Reference Books	<ol style="list-style-type: none"> 1. Clinical Periodontology and Implant Dentistry. Fifth edition, 2008, edited by: Niklaus Lang and Jan Lindhe. 2. Antibiotic and Antimicrobial Use in Dental Practice. Second edition, 2001, edited by: Michael Newman and Ariel Winkelhoff. 3. Journal of Periodontology, years 1995 – 2008. 4. Journal of Clinical Periodontology, years 1995 – 2008. 5. Periodontology 2000, years 1995 – 2008. 	

 GOVERNMENT OF DUBAI	Guideline	سلطة مدينة دبي الطبية Dubai Healthcare City Authority Regulatory - النطاق التنظيمي 
Document #: GL/HCP/078/03	<u>Licensing Exam Guide for Healthcare Professionals</u>	Review Date: 16 October 2020
Issue Date: 16 October 2017		Related Forms: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



Nursing

 GOVERNMENT OF DUBAI	Guideline	 سلطة مدينة دبي الطبية Dubai Healthcare City Authority Regulatory - القطاع التنظيمي
	<u>Licensing Exam Guide for Healthcare Professionals</u>	
Document #: GL/HCP/078/03		Review Date: 16 October 2020
Issue Date: 16 October 2017		Related Forms: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



Exam Name	Midwifery	
Duration	2 hours	
Format	Multiple Choice Questions	
No. of Questions	70	
Passing Score	65%	
Exam Centers	Worldwide	
Exam code	MIDWI	
Exam Content Areas	Antenatal Care	27%
	Intrapartum Care	20%
	Antepartum	8%
	Postpartum Care	15%
	Newborn Care	10%
	Gynecological Care	5%
	Pharmacology in Midwifery	6%
	Counseling and Education	6%
	Ethics and Legal Issues	3%
	Total	100%
Exam Reference Books	<ol style="list-style-type: none"> 1. Fetal Heart Monitoring 2. AWHONN`s Perinatal Nursing: Co-Published with AWHONN 3. Master the NCLEX-PN: Maternal/Newborn Nursing 4. Mayes` Midwifery: A Textbook for Midwives 5. Olds' Maternal-Newborn Nursing & Women's Health Across the Lifespan Plus NEW My Nursing Lab with Pearson e-text -- Access Card Package (9th Edition) by Michele R. Davidson 6. NCLEX-RN® Maternal-Neonatal Nursing Made Incredibly Easy! (Incredibly Easy! Series) by Lippincott 	

 حكومة دبي GOVERNMENT OF DUBAI	Guideline	 سلطة مدينة دبي الطبية Dubai Healthcare City Authority القطاع التنظيمي - Regulatory
	<u>Licensing Exam Guide for Healthcare Professionals</u>	
Document #: GL/HCP/078/03		Review Date: 16 October 2020
Issue Date: 16 October 2017		Related Forms: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



Exam Name	Nursing Assistant		
Duration	2.5 hours		
Format	Multiple Choice Questions		
No. of Questions	100		
Passing Score	55%		
Exam Centers	Worldwide		
Exam code	ARN		
Exam Content Areas	Safe and Effective Care Environment (34%)	Ethics and Communication	6%
		Patient and Environmental Safety	11%
		Infection Control	17%
	Basic Care and Comfort (44%)	Comfort and Caring	20%
		Mobility	10%
		Feeding	9%
Diagnostic and Therapeutic Procedures		5%	
Physiological Adaptation (22%)	Medical Emergency	10%	
	Fluid Balance	6%	
	Pre/Post-Operative Care	6%	
	Total	100%	
Exam Reference Books	<ol style="list-style-type: none"> 1. Patient Care Skills (6th Edition); Scott Duesterhaus Minor, Mary Alice Duesterhaus Minor: 2009 2. Mosby's Essentials for Nursing Assistants; Sheila A. Sorrentino, Leighann Remmert, Bernie Gorek :2009 3. Lippincott's Advanced Skills for Nursing Assistants: A Humanistic Approach to Care giving; Pamela J Carter, Amy Stegen: 2008 4. Lippincott's Essentials for Nursing Assistants: A Humanistic Approach to Care giving; Pamela J Carter: 2008 5. Client-Centered Care for Clinical Medical Assisting; Victoria R. Koprucki: 2006 6. Advanced Skills for Health Care Providers; Barbara Acello: 2006 		

 حكومة دبي GOVERNMENT OF DUBAI	Guideline	سلطة مدينة دبي الطبية Dubai Healthcare City Authority Regulatory - النطاق التنظيمي 
	<u>Licensing Exam Guide for Healthcare Professionals</u>	
Document #: GL/HCP/078/03		Review Date: 16 October 2020
Issue Date: 16 October 2017		Related Forms: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



7. Knowledge to Care: A Handbook for Care Assistants; The Wiley-Blackwell :2005
8. Nursing Assistant Illustrated; Delmar Learning :2005.

 GOVERNMENT OF DUBAI	Guideline	 سلطة مدينة دبي الطبية Dubai Healthcare City Authority Regulatory - النطاق التنظيمي
	<u>Licensing Exam Guide for Healthcare Professionals</u>	
Document #: GL/HCP/078/03		Review Date: 16 October 2020
Issue Date: 16 October 2017		Related Forms: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



Exam Name	Registered Nurse	
Duration	3 hours	
Format	Multiple Choice Questions	
No. of Questions	150	
Passing Score	55%	
Exam Centers	Worldwide	
Exam code	SNLE	
Exam Content Areas	Fundamentals	28%
	Medical	23%
	Surgical	20%
	Pediatrics	16%
	Community	13%
	Total	100%
Exam Reference Books	<ol style="list-style-type: none"> 1. Student Workbook and Resource Guide for Olds' Maternal-Newborn Nursing and Women's Health Across the Lifespan by Michele W Davidson RN Ph.D. CNM 2. Olds' Maternal-Newborn Nursing & Women's Health Across the Lifespan, 9th Edition by Michele R. Davidson 3. NCLEX-RN® Maternal-Neonatal Nursing Made Incredibly Easy by Lippincott 4. All-In-One Care Planning Resource, 3rd ed. By Swearinger, Elsevier 5. Lippincott Manual of Nursing Practice, 9th ed. Lippincott, Williams & Wilkins 6. Nursing Assistant: A nursing Process Approach, 10th ed. Hegner, Acella & Caldwell, Delmar 7. Care of the Patient in Surgery, 14th ed. By Rothrock, Elsevier 8. Fundamentals of Nursing: Standards and Practice, 4th ed. Delmar 9. Brunner & Suddarth's Textbook of Medical-Surgical Nursing, 12th ed. Lippincott, Williams & Wilkins 	

 حكومة دبي GOVERNMENT OF DUBAI	Guideline	سلطة مدينة دبي الطبية Dubai Healthcare City Authority Regulatory - النطاق التنظيمي 
	<u>Licensing Exam Guide for Healthcare Professionals</u>	
Document #: GL/HCP/078/03		Review Date: 16 October 2020
Issue Date: 16 October 2017		Related Forms: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



Allied Health

 GOVERNMENT OF DUBAI	Guideline	 سلطة مدينة دبي الطبية Dubai Healthcare City Authority Regulatory - النطاق التنظيمي
	<u>Licensing Exam Guide for Healthcare Professionals</u>	
Document #: GL/HCP/078/03		Review Date: 16 October 2020
Issue Date: 16 October 2017		Related Forms: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



Exam Name	Assistant Pharmacist	
Duration	2 hours	
Format	Multiple Choice Questions	
No. of Questions	70	
Passing Score	50%	
Exam Centers	Worldwide	
Exam code	PHTCH	
Exam Content Areas	Pharmacy Calculation	20%
	Pharmacy Compounding	10%
	Over the Counter Medication	15%
	Medication Safety	10%
	Pharmacy Law and Ethics	10%
	Chronic Illness	25%
	Material Management	10%
	Total	100%
Exam Reference Books	<ol style="list-style-type: none"> 1. Remington " The Science and Practice of Pharmacy' 'Beringer, Paul et al. (Latest Edition) 2. Goodman and Gilman's "The Pharmacological Basis of Therapeutics" Hardman; Limbird; Gilman. (Latest Edition) 3. Saudi National Formulary. (Latest Edition) 4. Drug Information Handbook. LexiComp. (Latest Edition) 5. Pharmacotherapy: A Pathophysiologic Approach (Latest Edition) 6. www.MOH.gov.sa 7. www.SFDA.gov.sa 	

 حكومة دبي GOVERNMENT OF DUBAI	Guideline	 سلطة مدينة دبي الطبية Dubai Healthcare City Authority القطاع التنظيمي - Regulatory
	<u>Licensing Exam Guide for Healthcare Professionals</u>	
Document #: GL/HCP/078/03		Review Date: 16 October 2020
Issue Date: 16 October 2017		Related Forms: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



Exam Name	Dental Assistant	
Duration	2.5 hours	
Format	Multiple Choice Questions	
No. of Questions	100	
Passing Score	60%	
Exam Centers	Worldwide	
Exam code	DASST	
Exam Content Areas	Dental Anatomy	7%
	Dental Assistant	20%
	Dental Health	10%
	Dental Materials	20%
	Dental Radiography	12%
	Infection Control	12%
	Preventive Dentistry	8%
	Supplies and Logistics	3%
	Communication and Patient Education	5%
	Ethics	3%
	Total	100%
Exam Reference Books	<ol style="list-style-type: none"> 1. Modern Dental Assisting. By D.L. Bird; and D.S. Robinson. Published by Elsevier, Latest Edition. 2. In Practice Training Program for Dental Assistants. By the British Dental Journal, edited by M. Seward, Latest Edition. 3. Complete Review of Dental Assisting. Prentice Hall Health, Emily Andujo, Latest Edition. 4. Pearson's Comprehensive Dental Assisting, Tyler, Lori, Pearson, Latest Edition. 5. Infection Control and Management of Hazardous Materials for the Dental Team, Millar and Palenik, Latest Edition. 	

 GOVERNMENT OF DUBAI	Guideline	 سلطة مدينة دبي الطبية Dubai Healthcare City Authority Regulatory - النطاق التنظيمي
	Licensing Exam Guide for Healthcare Professionals	
Document #: GL/HCP/078/03		Review Date: 16 October 2020
Issue Date: 16 October 2017		Related Forms: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



Exam Name	Dental Hygienist	
Duration	2 hours	
Format	Multiple Choice Questions	
No. of Questions	70	
Passing Score	50%	
Exam Centers	Worldwide	
Exam code	DHE	
Exam Content Areas	Anatomy and Physiology Anesthesia and Sedation Bleaching Business Procedure Business Procedure Business Procedure Dental Radiography Emergency Care Ethics Infection Control Oral Biology Oral Pathology and Microbiology Oral Surgery Orthodontics Periodontology Pharmacology Preventive Dentistry Prosthodontics Restorative Dentistry Total	6% 2% 3% 3% 4% 4% 4% 4% 4% 2% 12% 7% 11% 3% 3% 11% 4% 11% 3% 3% 100%
Exam Reference Books	1. Clinical Textbook of Dental Hygiene and Therapy. Robert Ireland	

 حكومة دبي GOVERNMENT OF DUBAI	Guideline	 سلطة مدينة دبي الطبية Dubai Healthcare City Authority القطاع التنظيمي - Regulatory
	<u>Licensing Exam Guide for Healthcare Professionals</u>	
Document #: GL/HCP/078/03		Review Date: 16 October 2020
Issue Date: 16 October 2017		Related Forms: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



Exam Name	Medical Laboratory Technology Assistant	
Duration	3 hours	
Format	Multiple Choice Questions	
No. of Questions	100	
Passing Score	50%	
Exam Centers	Worldwide	
Exam code	LABTE	
Exam Content Areas	Safety, Quality Control and Ethics	8%
	Bacteriology	15%
	Virology	7%
	Immunology	7%
	Parasitology	7%
	Hematology	13%
	Blood Bank	13%
	Biochemistry	18%
	Hormones	5%
	Urinalysis	3%
	Mycology	4%
	Total	100%
Exam Reference Books	<ol style="list-style-type: none"> 1. Laboratory Practice in Tropical Countries, Monica Cheesbrough (latest Edition) 2. Manual on Standard Operation Procedures, Sample Collection and Reference Ranges for Clinical Chemistry, Meliyanthi M. Gunatillaka (latest Edition) 3. Clinical Immunology and Serology, Christine Dorresteyn Stevens (latest Edition) 4. Molecular Cell Biology, Harvey Lodish (latest Edition) 	

 حكومة دبي GOVERNMENT OF DUBAI	Guideline	 سلطة مدينة دبي الطبية Dubai Healthcare City Authority القطاع التنظيمي - Regulatory
	<u>Licensing Exam Guide for Healthcare Professionals</u>	
Document #: GL/HCP/078/03		Review Date: 16 October 2020
Issue Date: 16 October 2017		Related Forms: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



Exam Name	Medical Laboratory Technology	
Duration	2.5 hours	
Format	Multiple Choice Questions	
No. of Questions	100	
Passing Score	50%	
Exam Centers	Worldwide	
Exam code	LABTO	
Exam Content Areas	Safety, Quality Control and Ethics	8%
	Bacteriology	15%
	Virology	5%
	Mycology	5%
	Immunology	5%
	Parasitology	5%
	Hematology	14%
	Blood Bank	10%
	Biochemistry	17%
	Hormones	5%
	Urinalysis	4%
	Genetics	7%
	Total	100%
Exam Reference Books	<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) 	

 حكومة دبي GOVERNMENT OF DUBAI	Guideline	 سلطة مدينة دبي الطبية Dubai Healthcare City Authority القطاع التنظيمي - Regulatory
	<u>Licensing Exam Guide for Healthcare Professionals</u>	
Document #: GL/HCP/078/03		Review Date: 16 October 2020
Issue Date: 16 October 2017		Related Forms: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



Exam Name	Occupational Therapy Specialist	
Duration	2 hours	
Format	Multiple Choice Questions	
No. of Questions	70	
Passing Score	60%	
Exam Centers	Worldwide	
Exam code	ORAPS	
Exam Content Areas	Assessment and Examination	10%
	Functional Anatomy, Physiology and Biomechanics	7%
	Neurology	28.5%
	Pediatrics	28.5%
	Psychiatric Disorders, Mental Health and Aging	15%
	Hand Rehabilitation	4%
	Intervention	7%
	Total	100%
Exam Reference Books	<ol style="list-style-type: none"> Occupational Therapy for Children, Case-Smith, 5th Edition. Fundamentals of Hand Therapy, Cooper. Occupational Therapy and Stroke, Edmans et al. Group Work in Occupational Therapy, Finlay. Yong Children with Special Needs, Hooper & Umansky, 5th Edition. Handbook of Developmental Disabilities. Kurtz, Dowrick, Levy & Batshaw. Treatment of Cerebral, Palsy, Levitt, 5th Edition Occupational Therapy for Physical Dysfunction, Trombly & Radomsky, 4th Edition. Perception, and Cognition, Zoltan Vision, 4th Edition. Lifespan Development, Boyd and Bee Physical Medicine and Rehabilitation, Randall.L. Braddom, 3rd Edition. Hollinshead's Functional Anatomy of the Limbs and Back, Jenkins,7th Edition. 	

 حكومة دبي GOVERNMENT OF DUBAI	Guideline	 سلطة مدينة دبي الطبية Dubai Healthcare City Authority القطاع التنظيمي - Regulatory
	<u>Licensing Exam Guide for Healthcare Professionals</u>	
Document #: GL/HCP/078/03		Review Date: 16 October 2020
Issue Date: 16 October 2017		Related Forms: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



Exam Name	Pharmacy	
Duration	2 hours	
Format	Multiple Choice Questions	
No. of Questions	70	
Passing Score	60%	
Exam Centers	Worldwide	
Exam code	PHOLO	
Exam Content Areas	Toxicology	5%
	Pregnancy and Lactation	5%
	Pediatrics	5%
	Geriatrics	5%
	Pharmacy Calculation and Compounding	15%
	Pharmacokinetics	5%
	Pharmaceutical Care and Disease State Management	35%
	Medication Safety	5%
	Over the Counter Medication	10%
	Pharmacy Law and Ethics	10%
	Total	100%
Exam Reference Books	<ol style="list-style-type: none"> 1. Remington "The Science and Practice of Pharmacy" Beringer, Paul et al, (Latest Edition). 2. Pharmacotherapy: A Pathophysiologic Approach, (Latest Edition). 3. Ministry of Health Rules and Regulations: http://www.moh.gov.sa/endepts/HealthCenters/Pages/Rules.aspx 4. Saudi Food and Drug Authority Regulations and Guidelines: http://www.sfda.gov.sa/en/drug/drug_reg/Pages/drug_reg.aspx 	

 GOVERNMENT OF DUBAI	Guideline	 سلطة مدينة دبي الطبية Dubai Healthcare City Authority القطاع التنظيمي - Regulatory
	<u>Licensing Exam Guide for Healthcare Professionals</u>	
Document #: GL/HCP/078/03		Review Date: 16 October 2020
Issue Date: 16 October 2017		Related Forms: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



Exam Name	Physical Therapy Assistant	
Duration	2 hours	
Format	Multiple Choice Questions	
No. of Questions	70	
Passing Score	50%	
Exam Centers	Worldwide	
Exam code	PHYTH	
Exam Content Areas	Anatomy	16%
	Physiological Effects and Contraindications of Massage	16%
	Basic Techniques of Massage	24%
	Physical Evaluation Skills	10%
	Management of Diseases by Massage	30%
	Management of Sport Conditions by Massage	4%
	Total	100%
Exam Reference Books	<ol style="list-style-type: none"> 1. The Massage Connection: Anatomy and Physiology, Kalyani Premkumar, 2nd Edition, Lippincott & Wilkins. 2. Basic Clinical Massage Therapy, James Cray and David Pounds, 2nd Edition, Lippincott & Wilkins. 3. Thai Massage Manual: Natural Therapy for Flexibility, Relaxation, and Energy Balance, Maria Mercati. 4. The Myofascial Releases Manual, Carol Msnheim, 2nd Edition, Slack Incorporated. 5. Massage for Therapist, Margaret Hollis, 2nd Edition, Blackwell Science Ltd. 6. Manipulation, Traction, and Massage, Joseph Rogoff, 2nd Edition. <p>Additional References:</p> <ol style="list-style-type: none"> 1. Muscle: Testing and Function with Posture and Pain, Florence Peterson, 5th Edition. 2. Textbook of Medical Physiology, Guyton and Hall. 	

 حكومة دبي GOVERNMENT OF DUBAI	Guideline	 سلطة مدينة دبي الطبية Dubai Healthcare City Authority القطاع التنظيمي - Regulatory
	<u>Licensing Exam Guide for Healthcare Professionals</u>	
Document #: GL/HCP/078/03		Review Date: 16 October 2020
Issue Date: 16 October 2017		Related Forms: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



3. Orthopedic Physical Assessment, David J, 4th Edition.
4. Clayton's Electrotherapy, Theory and Practice, Angela Forster, 9th Edition.
5. Therapeutic Exercise, Carolyn Kisner, 5th Edition.
6. Tide's Physical therapy, Ann Thomson, 12th Edition.

 GOVERNMENT OF DUBAI	Guideline	 سلطة مدينة دبي الطبية Dubai Healthcare City Authority القطاع التنظيمي - Regulatory
	<u>Licensing Exam Guide for Healthcare Professionals</u>	
Document #: GL/HCP/078/03		Review Date: 16 October 2020
Issue Date: 16 October 2017		Related Forms: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



Exam Name	Physical Therapy		
Duration	2 hours		
Format	Multiple Choice Questions		
No. of Questions	70		
Passing Score	65%		
Exam Centers	Worldwide		
Exam code	PHYSP		
Exam Content Areas	Basic Knowledge (40%)	Medical Knowledge (Anatomy, Physiology, Path Physiology) PT Knowledge (Electrotherapy, Kinesiology, Hydrotherapy, Biomechanics, Therapeutic Exercises, Massage)	16% 24%
	Applied Knowledge (60%)	Orthopedics Neurology & Pediatrics Cardiopulmonary & Geriatrics	40% 18% 18%
	Total		100%
	Exam Reference Books		
<ol style="list-style-type: none"> Muscle: Testing and Function with Posture and Pain. 5th Edition, Florence Peterson, 2005. Clayton`s Electro Therapy, Theory and Practice, Angela Forster, 9th Edition 1999. Tidy`s Physiotherapy, 13th Edition. Physical Rehabilitation, Assessment and Treatment, 3rd Edition, Susan B.Q., Sullivan, 1994. Tide`s Physical Therapy, Ann Thomason, 12th Edition. 			

 حكومة دبي GOVERNMENT OF DUBAI	Guideline	 سلطة مدينة دبي الطبية Dubai Healthcare City Authority القطاع التنظيمي - Regulatory
	<u>Licensing Exam Guide for Healthcare Professionals</u>	
Document #: GL/HCP/078/03		Review Date: 16 October 2020
Issue Date: 16 October 2017		Related Forms: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Exam Name	Psychology	
Duration	3 hours	
Format	Multiple Choice Questions	
No. of Questions	100	
Passing Score	55%	
Exam Centers	Worldwide	
Exam code	CPSYA	
Exam Content Areas	Schools of Psychology	3%
	Biological Psychology	11%
	Developmental Psychology	13%
	Psychology of Learning	9%
	General Psychology	31%
	Personality and Individual Differences	9%
	Clinical Psychology	15%
	Research Methodology	9%
	Total	100%
Exam Reference Books	<ol style="list-style-type: none"> 1. Alan Carr and Muireann McNulty. The Handbook of Adult Clinical Psychology. Routledge: London. 2. Alan D. Baddeley, Barbara A. Wilson, and Fraser N. Watts. Handbook of Memory Disorders. John Wiley and Sons: Chichester. 3. A. Reber. Dictionary of Psychology. Penguin Books: London. 4. Glen O. Gabbard. Psychodynamic Psychiatry in Clinical Practice American Psychiatric Press, Inc: Washington, DC. 5. G. Neil Martin. Human Neuropsychology. Pearson Education Limited: Edinburgh, UK. 6. Arno F. Wittig. Introduction to Psychology. McGraw-Hill: New York. 	

 GOVERNMENT OF DUBAI	Guideline	 سلطة مدينة دبي الطبية Dubai Healthcare City Authority Regulatory - النطاق التنظيمي
	<u>Licensing Exam Guide for Healthcare Professionals</u>	
Document #: GL/HCP/078/03		Review Date: 16 October 2020
Issue Date: 16 October 2017		Related Forms: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Exam Name	Radiology Technologist	
Duration	2 hours	
Format	Multiple Choice Questions	
No. of Questions	70	
Passing Score	65%	
Exam Centers	Worldwide	
Exam code	RADSP	
Exam Content Areas	General Anatomy, Physiology and Rad. Anatomy	13%
	Radiation Physics and Protection	11%
	Patient Care and Ethics	10%
	General Radiographic Technique	16%
	Contrast Media Examinations	9%
	Ultrasonography	10%
	Computerized Tomography (CT scan)	11%
	Magnetic Resonance Imaging (MRI)	10%
	Nuclear Medicine (NM)	10%
	Total	100%
Exam Reference Books	<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) 	

 حكومة دبي GOVERNMENT OF DUBAI	Guideline	سلطة مدينة دبي الطبية Dubai Healthcare City Authority القطاع التنظيمي - Regulatory 
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Document #: GL/HCP/078/03		Review Date: 16 October 2020
Issue Date: 16 October 2017		Related Forms: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

7. Diagnostic Ultrasound: Physics and Equipment (Cambridge Medicine) by [Peter R. Hoskins](#) , [Kevin Martin](#) , [Abigail Thrush](#) (Editors), (Latest Edition)
8. R. Ehrlich. Patient Care in Radiography, With an Introduction to Medical Imaging. Mosby, (Latest Edition)
9. Terri L. Fauber. Radiographic Imaging and Exposure. Elsevier, (Latest Edition)