



# Allied Healthcare Professions (AHP)

## Qualifying Examination Blueprint



# Allied Healthcare Professions (AHP)

## Qualifying Examination Blueprint

### 1. Lab Technologist

| Evaluation Item          | Content                               | Required items | Passing Score |
|--------------------------|---------------------------------------|----------------|---------------|
| (150 MCQs,<br>3 ½ hours) | 1. Blood Bank                         | 25             | 50%           |
|                          | 2. Urinalysis and Other Body Fluids   | 11             |               |
|                          | 3. Clinical Chemistry                 | 25             |               |
|                          | 4. Haematology                        | 25             |               |
|                          | 5. Immunology/ Serology               | 12             |               |
|                          | 6. Histo-And Cyto Techniques          | 11             |               |
|                          | 7. Microbiology                       | 25             |               |
|                          | 8. Laboratory Operations              | 8              |               |
|                          | 9. Patient Safety and Professionalism | 8              |               |
| Total                    |                                       | 150            |               |

### 2. Lab Technician

| Evaluation Item          | Content                  | Required items | Passing Score |
|--------------------------|--------------------------|----------------|---------------|
| (150 MCQs,<br>3 ½ hours) | 1. Microbiology          | 30             | 50%           |
|                          | 2. Clinical Chemistry    | 30             |               |
|                          | 3. Haematology           | 30             |               |
|                          | 4. Blood Bank            | 30             |               |
|                          | 5. Immunology / Serology | 23             |               |
|                          | 6. Histo/Cyto-Techniques | 7              |               |
| Total                    |                          | 150            |               |

### 3. Radiology Technologist

| Evaluation Item       | Content                        | Required items | Passing Score |
|-----------------------|--------------------------------|----------------|---------------|
| (150 MCQs, 3 ½ hours) | 1. Radiation Protection        | 18             | 50%           |
|                       | 2. X-ray                       | 19             |               |
|                       | 3. CT                          | 15             |               |
|                       | 4. MRI                         | 15             |               |
|                       | 5. Ultrasound                  | 15             |               |
|                       | 6. Nuclear Medicine            | 15             |               |
|                       | 7. Angio                       | 6              |               |
|                       | 8. Fluoroscopy                 | 6              |               |
|                       | 9. General Anatomy             | 25             |               |
|                       | 10. Patient Safety             | 8              |               |
|                       | 11. Professionalism and Ethics | 8              |               |
| Total                 |                                | 150            |               |

### 4. Radiology Technician

| Evaluation Item       | Content                        | Required items | Passing Score |
|-----------------------|--------------------------------|----------------|---------------|
| (150 MCQs, 3 ½ hours) | 1. Radiation Protection        | 19             | 50%           |
|                       | 2. X-ray                       | 25             |               |
|                       | 3. CT                          | 15             |               |
|                       | 4. MRI                         | 12             |               |
|                       | 5. Ultrasound                  | 15             |               |
|                       | 6. Nuclear Medicine            | 12             |               |
|                       | 7. Angio                       | 4              |               |
|                       | 8. Fluoroscopy                 | 4              |               |
|                       | 9. General Anatomy             | 25             |               |
|                       | 10. Patient Safety             | 10             |               |
|                       | 11. Professionalism and Ethics | 9              |               |
| Total                 |                                | 150            |               |

## 5. Physiotherapist

| Evaluation Item          | Content  | Required items | Passing Score |
|--------------------------|--|----------------|---------------|
| (150 MCQs,<br>3 ½ hours) | 1. Kinesiology, Biomechanics and Ergonomics                                | 12             | 50%           |
|                          | 2. Anatomy and Physiology  | 18             |               |
|                          | 3. Clinical Decision Making and Differential Diagnosis                     | 12             |               |
|                          | 4. Physical Agents (Electrotherapy and Hydrotherapy)                       | 15             |               |
|                          | 5. Therapeutic Exercises and Techniques                                    | 15             |               |
|                          | 6. Physical Therapy in Special Population (OBGYN, Paediatrics, Geriatrics) | 18             |               |
|                          | 7. Cardiopulmonary Physical Therapy  | 12             |               |
|                          | 8. Sports Physical Therapy   | 12             |               |
|                          | 9. Neurorehabilitation   | 18             |               |
|                          | 10. Musculoskeletal Rehabilitation   | 18             |               |
| Total                    |  | 150            |               |

## 6. Basic Paramedic

| Evaluation Item          | Content                               | Required items | Passing Score |
|--------------------------|---------------------------------------|----------------|---------------|
| (150 MCQs,<br>3 ½ hours) | 1. Fundamentals and Operations        | 20             | 50%           |
|                          | 2. Trauma                             | 21             |               |
|                          | 3. Shock and Resuscitation            | 21             |               |
|                          | 4. Paediatrics                        | 9              |               |
|                          | 5. OB/GYN                             | 4              |               |
|                          | 6. Airway                             | 9              |               |
|                          | 7. Patient Assessment                 | 19             |               |
|                          | 8. Medical, Behavioural and Geriatric | 19             |               |
|                          | 9. Environmental and Toxicology       | 6              |               |
|                          | 10. Disaster                          | 6              |               |
|                          | 11. Professionalism and Ethics        | 8              |               |
|                          | 12. Patient Safety                    | 8              |               |
| Total                    |                                       | 150            |               |

## 7. Paramedic

| Evaluation Item          | Content                         | Required items | Passing Score |
|--------------------------|---------------------------------|----------------|---------------|
| (150 MCQs,<br>3 ½ hours) | 1. Fundamentals and Operations  | 7              | 50%           |
|                          | 2. Airway                       | 15             |               |
|                          | 3. Disaster                     | 7              |               |
|                          | 4. Trauma                       | 23             |               |
|                          | 5. Shock and Resuscitation      | 23             |               |
|                          | 6. Environmental and Toxicology | 7              |               |
|                          | 7. Paediatrics and Neonates     | 7              |               |
|                          | 8. OB/GYN                       | 8              |               |
|                          | 9. Medical Emergency            | 15             |               |
|                          | 10. Special Populations         | 7              |               |
|                          | 11. Cardiac Emergency           | 15             |               |
|                          | 12. Patient Safety              | 8              |               |
|                          | 13. Professionalism and Ethics  | 8              |               |
| Total                    |                                 | 150            |               |

## 8. Dental Assistant

| Evaluation Item          | Content                                | Required items | Passing Score |
|--------------------------|--|----------------|---------------|
| (150 MCQs,<br>3 ½ hours) | 1. Oral Anatomy                        | 15             | 50%           |
|                          | 2. Dental Assistant                    | 30             |               |
|                          | 3. Dental Terminology                  | 11             |               |
|                          | 4. Dental Materials                    | 22             |               |
|                          | 5. Dental Radiography                  | 15             |               |
|                          | 6. Infection Control                   | 15             |               |
|                          | 7. Preventive Dentistry                | 15             |               |
|                          | 8. Dental Emergency and MCP            | 11             |               |
|                          | 9. Communication and Patient Education | 9              |               |
|                          | 10. Ethics                             | 7              |               |
| Total                    |  | 150            |               |

## 9. Dental Hygienist

| Evaluation Item          | Content  | Required items | Passing Score |
|--------------------------|--|----------------|---------------|
| (150 MCQs,<br>3 ½ hours) | 1. Basic Sciences: Dental Anatomy, Biology, Physiology, and Oral Pathology | 12             | 50%           |
|                          | 2. Medical and Dental Histories  | 18             |               |
|                          | 3. Extra and Intra Oral Examination  | 18             |               |
|                          | 4. Radiology   | 9              |               |
|                          | 5. Non-Surgical Periodontal Therapy  | 33             |               |
|                          | 6. Preventive Therapy  | 21             |               |
|                          | 7. Management of Medical Emergencies and Medically Compromised Patients    | 16             |               |
|                          | 8. Communication Skills  | 7              |               |
|                          | 9. Patient Safety  | 8              |               |
|                          | 10. Professionalism and Ethics   | 8              |               |
| Total                    |  | 150            |               |

## 10. Dental Lab Technician

| Evaluation Item          | Content                          | Required items | Passing Score |
|--------------------------|----------------------------------|----------------|---------------|
| (150 MCQs,<br>3 ½ hours) | 1. Dental Anatomy and Occlusion  | 23             | 50%           |
|                          | 2. Dental Materials              | 23             |               |
|                          | 3. Removable Complete Prosthesis | 15             |               |
|                          | 4. Fixed Restorations            | 30             |               |
|                          | 5. Removable Partial Prosthesis  | 15             |               |
|                          | 6. Dental Implant Prosthesis     | 7              |               |
|                          | 7. Orthodontic Appliances        | 7              |               |
|                          | 8. Maxillofacial Prosthesis      | 7              |               |
|                          | 9. Infection Control             | 7              |               |
|                          | 10. Health and Safety            | 8              |               |
|                          | 11. CAD-Cam Restorations         | 8              |               |
| Total                    |                                  | 150            |               |

## 11. Dietician

| Evaluation Item     | Content   | Required items | Passing Score |
|---------------------|---|----------------|---------------|
| (150 MCQs, 3 hours) | 1. Principles of Dietetics                                | 45             | 50%           |
|                     | 2. Nutrition Care for Individuals and Groups              | 75             |               |
|                     | 3. Management of Food and Nutrition Programs and Services | 15             |               |
|                     | 4. Foodservice Systems                                    | 15             |               |
| Total               |   | 150            |               |

## 12. Clinical Psychologist

| Section   | Content  | No. of items | Evaluation Item                               |
|---|--|--------------|---|
| Biological, Social, and Cognitive-Affective 15% | 1. Recognise biological explanations of human behaviour, with more emphasis has to be on the brain and its relation to behaviours  | 23           | 150 MCQs, 3 ½ hours<br><br>Passing Score: 50% |
|   | 2. Understand the psychological theories underlying human behaviours (psychodynamic, behavioural, social learning, cognitive, humanistic, and interpersonal theories)  |              |   |
|   | 3. Distinguish individual differences and personality  |              |   |
|   | 4. Identify social aspects of human behaviour and how social phenomena influence individual behaviours, and how individual behaviours shape social phenomena   |              |   |
|   | 5. Explain the impact of cultures, cultural diversities, and acculturation on human behaviours   |              |   |
|   | 6. Understand psychopharmacology and its biological impact   |              |   |
| Growth and Lifespan Development 10%             | 1. Recognise normal growth and development across the lifespan   | 15           |   |
|   | 2. Apply theories and models of development  |              |   |
|   | 3. Identify risk and protective factors that may impact a developmental course (e.g., family dynamics, nutrition, prenatal care, attachment, health care, social support, socioeconomic status, abuse, victimisation, wellbeing, and resiliency) |              |   |
| Psychopathology 15%                             | 1. Comprehend the basics of descriptive and explanatory Psychopathology and how the pathology of the mind develops in general  | 22           | 150 MCQs, 3 ½ hours<br><br>Passing Score: 50% |
|   | 2. Understand the basic principles of child and adolescent psychopathology   |              |   |
|   | 3. Understand adult psychopathology  |              |   |
|   | 4. Recognise geriatric psychopathology   |              |   |
|   | 5. Understand the basics of substance-related disorders  |              |   |
|   | 6. Comprehend how the pathology of the mind affects the body   |              |   |

|  |   |    |  |
|--|---|----|--|
| Assessment<br>Clinical Decision<br>Making30%     | 1. Implement relevant knowledge related to psychological evaluation and assessment (in clinical and non-clinical settings) for determining/diagnosing psychopathology, pathological, trait and characteristics of personalities, intellectual abilities and cognitive functions linked to brain pathology and is able to allocate appropriate referral procedures | 45 |  |
|  | 2. Apply relevant knowledge related to psychological evaluation and assessment for conceptualising signs/symptoms of psychopathology on psychological theories, aiming at choosing appropriate psychological interventions and (psychometric principles -reliability/validity/norms)  |    |  |
| Treatment,<br>Intervention, and<br>Prevention20% | 1. Contribute to treatment plans, based on case conceptualisation. Understand the core knowledge of psychological models of interventions (e.g. psychodynamic, behavioural, cognitive, humanistic, self-efficacy, interpersonal)  | 30 |  |
|  | 2. Employ professional therapeutic skills related to psychological models of interventions (e.g. psychodynamic, behavioural, cognitive, humanistic, self-efficacy and interpersonal)  |    |  |
|  | 3. Implement behavioural principles and methods in promoting health and preventing diseases in general  |    |  |
|  | 4. Apply behavioural principles and methods in promoting mental health and preventing mental health problems.   |    |  |
|  | 5. Identify challenges to forming and maintaining therapeutic alliance (e.g. countertransference, compassion fatigue, conflict) and other related issues (e.g. client variables; situational/ problem factors)  |    |  |
| Ethics and<br>Professionalism<br>10%             | 1. Define client and patient rights   | 15 |  |
|  | 2. Identify and manage potential ethical issues in the practice of psychology.  |    |  |
|  | 3. Promote professional development (e.g. supervision, peer consultation)   |    |  |
|  | 4. Apply ethical principles in diagnosis/assessment/ research related to pathology and the management of clinical cases.  |    |  |
|  | 5. Identify relational and therapeutic skills to engage, establish, and maintain working relationships with a range of clients (e.g. respect, empathy, non-judgment, reflection, clarification, and authenticity)   |    |  |



### 13. Anaesthesia Technologist

| Evaluation Item     | Sections                                | Percentage (%) |
|---------------------|---|----------------|
| (150 MCQs, 3 hours) | 1. Respiratory/Airway                   | 15%            |
|                     | 2. Anaesthesia Equipment                | 17%            |
|                     | 3. Cardiovascular                       | 10%            |
|                     | 4. Transfusion                          | 10%            |
|                     | 5. Resuscitation and Crisis             | 10%            |
|                     | 6. Patient safety and Infection Control | 7%             |
|                     | 7. General Anaesthesia                  | 18%            |
|                     | 8. Regional Anaesthesia                 | 8%             |
| Total               |   | 100%           |

### 14. Occupational Therapist

| Evaluation Item     | Sections   | Percentage (%) |
|---------------------|--|----------------|
| (150 MCQs, 3 hours) | 1. Neurological Conditions                           | 16%            |
|                     | 2. Physical Disabilities                             | 16%            |
|                     | 3. Developmental Disabilities                        | 16%            |
|                     | 4. Hand Dysfunctions                                 | 16%            |
|                     | 5. Mental Health                                     | 8%             |
|                     | 6. Occupational Therapy Models of Practice           | 10%            |
|                     | 7. Community Based Services and Assistive Technology | 8%             |
|                     | 8. Occupational Health and Patient Safety            | 5%             |
|                     | 9. Evidence Based Practice                           | 5%             |
| Total               |  | 100%           |

## Qualifying Examination References

| Exam References   | Scope            |
|---|------------------|
| <ol style="list-style-type: none"> <li>1. Laboratory Practice in Tropical Countries, Monica Cheesbrough (latest Edition)</li> <li>2. Manual on Standard Operation Procedures, Sample Collection and Reference Ranges for Clinical Chemistry, Meliyanthi M. Gunatillaka (latest Edition)</li> <li>3. Clinical Immunology and Serology, Christine Dorresteyn Stevens (latest Edition)</li> <li>4. Molecular Cell Biology, Harvey Lodish (latest Edition)</li> </ol>   | Lab Technologist |
| <ol style="list-style-type: none"> <li>1. Laboratory Practice in Tropical Countries, Monica Cheesbrough (Latest Edition).</li> <li>2. Manual on Standard Operation Procedures, Sample Collection and Reference Ranges for Clinical Chemistry, Meliyanthi M. Gunatillaka (Latest Edition).</li> <li>3. Clinical Immunology and Serology, Christine Dorresteyn Stevens (Latest Edition).</li> <li>4. HENRY'S Clinical Diagnosis and Management by Laboratory Methods, McPherson, (Latest Edition).</li> <li>5. Modern Blood Banking &amp; Transfusion Practices, By: Denise M. Harmening, (Latest edition).</li> <li>6. A Manual of Laboratory and Diagnostic Tests, (9th Edition), (Fischbach, F. and Dunning, M.B.).</li> <li>7. Tietz Fundamentals of Clinical Chemistry and Molecular Diagnostics, (Latest Edition), (Burtis, C.A. and Bruns, D.E.).</li> <li>8. Wintrobe's Clinical Hematology, (14th Edition), (Greer, et al.).</li> <li>9. Clinical Laboratory Science, Mary Louise Turgeon.</li> <li>10. Tille, P. (2013). Bailey &amp; Scott's Diagnostic Microbiology (13th ed.). Mosby</li> <li>11. Bishop, M. L., Fody, E. P., &amp; Schoeff, L. E. (2010). Clinical Chemistry: Techniques, principles, correlation (6th ed.). Lippincott Williams &amp; Wilkins.</li> <li>12. Harmening D.M.(2012). Modern Blood Banking &amp; Transfusion Practices.6th Ed.Philadelphia, PA: F.A.Davis Company.</li> <li>13. Bancroft's Theory and Practice of Histological Techniques (8th Edition), Suvarna, Layton, Bancroft.</li> <li>14. Todd, I., Spickett, G., &amp; Fairclough, L. (n.d.). Lecture Notes: Immunology (7th ed.). Wiley.</li> <li>15. Rodak, B. F., &amp; Carr, J. H. (n.d.). Clinical Hematology Atlas (5th ed.). Elsevier.</li> </ol> | Lab Technician   |

|   |   |
|---|---|
| <ol style="list-style-type: none"> <li>1. Nuclear Medicine and PET/CT: Technology and Techniques 7th Edition, by Paul E. Christian &amp; Kristen M. Waterstram-Rich. ISBN-10: 0323071929</li> <li>2. Sonography Principles and Instruments 9th Edition, by Frederick W. Kremkau. ISBN-10: 0323322719</li> <li>3. Basic Radiation Protection Technology 6th Edition, by Daniel A Gollnick. ISBN-10: 0916339149</li> <li>4. Chesneys Radiographic Imaging 6th Edition, by Jhon Ball &amp; Tony Price. ISBN: 978-0-632-03901-2</li> <li>5. Chesneys' Equipment for Student Radiographers, 4th Edition, by P. H. Carter, A. M. Paterson, M. L. Thornton, A. P. Hyatt, A. Milne, J. R. Pirrie. ISBN: 978-0-632-02724-8</li> <li>6. Essentials Of Ultrasound Physics 1st Edition, by James A. Zagzebski. ISBN-10: 0815198523</li> <li>7. Clinical Sonography: A Practical Guide 5th Edition, by Roger C. Sanders, ISBN-10: 1451192525</li> <li>8. MRI in Practice 5th Edition, by Catherine Westbrook, John Talbot ISBN-10: 1119391962</li> <li>9. CT Imaging: Practical Physics, Artifacts, and Pitfalls, by Alexander C. Mamourian. ASIN: B01JXRVUPY</li> <li>10. Cross Sectional Anatomy CT &amp; MRI 1st Edition, by Govind B. Chavhan &amp; Jankharia Bhavin. ISBN-10: 9350250462</li> <li>11. Clark's Positioning in Radiography 13th Edition by A. Stewart Whitley ISBN-10: 149875693X</li> <li>12. Essential Physics of Medical Imaging, by Jerrold Bushberg. 3rd Edition. ISBN: 9780781780575</li> <li>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.</li> </ol> | <p style="text-align: center;">Radiology<br/>Technologist</p> |
|---|---|

|  |                      |
|--|----------------------|
| <ol style="list-style-type: none"> <li>1. Nuclear Medicine and PET/CT: Technology and Techniques 7th Edition, by Paul E. Christian &amp; Kristen M. Waterstram-Rich. ISBN-10: 0323071929</li> <li>2. Sonography Principles and Instruments 9th Edition, by Frederick W. Kremkau. ISBN-10: 0323322719</li> <li>3. Basic Radiation Protection Technology 6th Edition, by Daniel A Gollnick. ISBN-10: 0916339149</li> <li>4. Chesneys Radiographic Imaging 6th Edition, by Jhon Ball &amp; Tony Price. ISBN: 978-0-632-03901-2</li> <li>5. Chesneys' Equipment for Student Radiographers, 4th Edition, by P. H. Carter, A. M. Paterson, M. L. Thornton, A. P. Hyatt, A. Milne, J. R. Pirrie. ISBN: 978-0-632-02724-8</li> <li>6. Essentials Of Ultrasound Physics 1st Edition, by James A. Zagzebski. ISBN-10: 0815198523</li> <li>7. Clinical Sonography: A Practical Guide 5th Edition, by Roger C. Sanders, ISBN-10: 1451192525</li> <li>8. MRI in Practice 5th Edition, by Catherine Westbrook, John Talbot ISBN-10: 1119391962</li> <li>9. CT Imaging: Practical Physics, Artifacts, and Pitfalls, by Alexander C. Mamourian. ASIN: B01JXRVPY</li> <li>10. Cross Sectional Anatomy CT &amp; MRI 1st Edition, by Govind B. Chavhan &amp; Jankharia Bhavin. ISBN-10: 9350250462</li> <li>11. Clark's Positioning in Radiography 13th Edition by A. Stewart Whitley ISBN-10: 149875693X</li> <li>12. Essential Physics of Medical Imaging, by Jerrold Bushberg. 3rd Edition. ISBN: 9780781780575</li> <li>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.</li> </ol> | Radiology Technician |
| <ol style="list-style-type: none"> <li>1. Prevention Practice A Physical Therapist's Guide to Health Fitness and Wellness, Catherine Rush Thompson, Latest Edition.</li> <li>2. Therapeutic Exercise Foundations and Techniques by Carolyn Kisner, Latest Edition.</li> <li>3. Tidy's Physiotherapy, Latest Edition.</li> <li>4. Clayton's Electrotherapy and Actinotherapy, Latest Edition.</li> <li>5. Physiotherapy Secrets, PP Mohanty &amp; Monalisa Pattnaik.</li> </ol>   | Physiotherapist      |
| <ol style="list-style-type: none"> <li>1. EMT Complete: A Basic Work text</li> <li>2. Mosby's EMT-Basic Textbook</li> <li>3. Emergency Care and Transportation of the Sick and Injured.</li> </ol>   | Basic Paramedic      |
| <ol style="list-style-type: none"> <li>1. ACLS manual</li> <li>2. BLS manual</li> <li>3. Brady's Paramedic Textbook</li> <li>4. Emergency Care in the Streets (Nancy Caroline)</li> <li>5. Mosby's Paramedic Textbook</li> <li>6. PALS manual</li> <li>7. PHTLS manual or ITLS manual</li> </ol>   | Paramedic            |

|  |                       |
|--|-----------------------|
| <ol style="list-style-type: none"> <li>1. Modern Dental Assisting, D.L.Bird; and D.S. Robinson, Published by Elsevier, Latest Edition.</li> <li>2. In Practice Training Program for Dental Assistants, by the British Dental Journal, Edited by M. Seward, Latest Edition.</li> <li>3. Complete Review of Dental Assisting, Prentice Hall Health, Emily Andujo, Latest Edition.</li> <li>4. Pearson's Comprehensive Dental Assisting, Tyler, Lori, Pearson, Latest Edition.</li> <li>5. Infection Control and Management of Hazardous Materials for the Dental</li> <li>6. Team, Millar and Palenik, Latest Edition.</li> </ol>  | Dental Assistant      |
| <ol style="list-style-type: none"> <li>1. Clinical Practice of the Dental Hygienist. E.M. Wilkins; Lippincott Williams and Wilkins, Latest Edition</li> <li>2. Fundamentals of Periodontal Instrumentation. Nield-Gehring J.S., Lippincott</li> <li>3. Williams and Wilkins, Latest Edition</li> <li>4. Dental Hygiene: Theory and Practice, Darby and Walsh, Latest Edition</li> <li>5. Competence Cases in Dental Hygiene. Danial, Harest, Wilder, Latest Edition</li> <li>6. Comprehensive Review of Dental Hygiene, Mosby's, Michele Leonardi Darby, Latest Edition</li> <li>7. Patient Assessment Tutorials. Nield-Gehring J.S., Lippincott Williams and Wilkins, Latest Edition</li> </ol>   | Dental Hygienist      |
| <ol style="list-style-type: none"> <li>1. Fundamentals of Fixed Prosthodontics by: Sumiya Hobo, Lowell D. Whitsett, Richard Jacobi, Susan E. Brackett Creator: Herbert T. Shillingburg Publisher: Quintessence Publishing (IL), Latest Edition.</li> <li>2. McCracken's Removable Partial Prosthodontics, by Glen P. McGivney, Alan B. Carr, William L. McCracken, Publisher: Mosby-Year Book, Latest Edition.</li> <li>3. Phillips' Science of Dental Materials, by By Kenneth J Anusavice, DMD, PhD,</li> <li>4. Publisher: WB Saunders, Latest Edition.</li> <li>5. Dental Anatomy: Its Relevance to Dentistry, by J B Woelfel and Sheid , Publisher: Lippincott, Williams and Wilkins, Latest Edition.</li> <li>6. Complete Dentures: From Planning to Problem Solving by P. Finbarr Allen, Scan McCarthy, Quintessence, Latest Edition.</li> <li>7. Orthodontics: Current Principles and Techniques by T M Graber and R L Vanarsdall, Publisher: Mosby, Latest Edition.</li> <li>8. Basic Infection Control for Healthcare Providers [ILLUSTRATED], by Michael Kenamer. Delmar Thomson learning, Inc., Latest Edition.</li> <li>9. Contemporary fixed prosthodontics (fifth edition) by rosenstiel, Land &amp; Fujimoto.</li> <li>10. Implant Laboratory Procedures: A step-by-step Guide, by Carl Drago and Thomas Peterson, Latest Edition.</li> <li>11. Fundamentals of Facial Prosthetics, by Robert E McKinstry, Latest Edition.</li> <li>12. Techniques in complete Denture Technology, by Tony Johnson Duncan J. Wood.</li> <li>13. Basics of Dental Technology A Step by Step Approach (Second Edition), Tony Johnson, David G Patrick, Christopher W. Stokes, David G. Wildgoose, Duncan J Wood.</li> <li>14. Introduction to Dental materials (fourth edition) by Richard Van Noort.</li> </ol> | Dental Lab Technician |

|  |                       |
|--|-----------------------|
| <ol style="list-style-type: none"> <li>1. Understanding Normal and Clinical Nutrition</li> <li>2. Krause's Food &amp; the Nutrition Care Process</li> <li>3. Review of dietetics – manual for the registered dietitian exam</li> </ol>   | Dietician             |
| <ol style="list-style-type: none"> <li>1. Aronson, E., Akert, R. M., Wilson, T. D., &amp; Sommers, S. R. (2015). Social Psychology (9th ed.). Pearson</li> <li>2. Beck, J. S. (2020). Cognitive Behavior Therapy: Basics and Beyond (3rd ed.). A. T. Beck (Foreword.). Guilford Publications</li> <li>3. Craighead, W. E., Miklowitz, D. J., &amp; Craighead, L. W. (Eds.). (2017). Psychopathology: History, Diagnosis, and Empirical Foundations (3rd ed.). Wiley</li> <li>4. Kail, R. V., &amp; Cavanaugh, J. C. (2016). Essentials of Human Development: A Lifespan View. Cengage Learning</li> <li>5. Kring, A. M., &amp; Johnson, S. L. (2021). Abnormal Psychology: The Science and Treatment of Psychological Disorders (15th ed.). Wiley Global Education</li> <li>6. Lefrancois, G. R. (2011). Theories of Human Learning: What the Professor Said (6th ed.). Cengage Learning</li> <li>7. Linehan, M. (2014). DBT? Skills Training Manual (2nd ed.). Guilford Publications</li> <li>8. Mash, E. J., &amp; Barkley, R. A. (Eds.). (2014). Child Psychopathology (3rd ed.). Guilford Publications</li> <li>9. Miller, P. H. (2009). Theories of Developmental Psychology. Worth Publishers</li> <li>10. Nagy, T. F. (2005). Ethics in Plain English: An Illustrative Casebook for Psychologists (2nd ed.). American Psychological Association</li> <li>11. Quatman, T. (2015). Essential Psychodynamic Psychotherapy: An Acquired Art (1st ed.). Routledge</li> <li>12. Resick, P. A., Monson, C. M., &amp; Chard, K. M. (2016). Cognitive Processing Therapy for PTSD: A Comprehensive Manual (1st ed.). Guilford Publications.</li> <li>13. Stuart, S., &amp; Robertson, M. (2012). Interpersonal Psychotherapy: A Clinician's Guide (2nd ed.). CRC Press</li> <li>14. Barry, Paul J. Clinical Assessment of Child and Adolescent Personality and Behavior. 3rd ed., S.L., Springer Nature</li> <li>15. Prochaska, James O, and John C Norcross. Systems of Psychotherapy: A Transtheoretical Analysis. 9th ed., New York, Ny, Oxford University Press</li> <li>16. Flanagan, Dawn P, and Vincent C Alfonso. Essentials of WISC-V Assessment (Essentials of Psychological Assessment). 1st ed., Hoboken, Wiley</li> <li>17. Maddux, James E, and Barbara A Winstead. Psychopathology: Foundations for a Contemporary Understanding. 4th ed., New York, Routledge, 2016</li> <li>18. Watson, Joshua C, and Brandé Flamez. Counseling Assessment and Evaluation: Fundamentals of Applied Practice. Los Angeles, Sage, 2015</li> <li>19. American Psychiatric Association. Diagnostic and Statistical Manual of Mental Disorders. 5th ed., Washington, DC, American Psychiatric Association</li> </ol> | Clinical Psychologist |

|   |                                 |
|---|---------------------------------|
| <p>20. Sinacola, Richard S. Basic Psychopharmacology for Mental Health Professionals. Hoboken, Pearson, 2020</p> <p>21. 21. Camras, Linda A. Emotional Development across the Lifespan. New York, Ny, The Guilford Press, 2022.</p> <p>22. 22. Luke, Chad. Neuroscience for Counselors and Therapists: Integrating the Sciences of Mind and Brain. San Diego, Cognella, 2020.</p> <p>23. 23. Norcross, John C, and Bruce E Wampold. Psychotherapy Relationships That Work. Volume 2, Evidence-Based Therapist Responsiveness. 3rd ed., New York, Oxford University Press.</p> <p>24. Kalat, James W. Biological Psychology. 13th ed., Australia, Cengage, 2019.</p> <p>25. القياس النفسي للشخصية (2004). غانم, م. ح</p> <p>26. مرجع اكلينيكي في الاضطرابات النفسية: دليل علاجي تفصيلي (2002) بارلو, د.ه</p> <p>27. (2009). علم النفس الاكلينيكي</p> <p>28. (2006). دليل عملي تفصيلي لممارسة العلاج النفسي المعرفي في الاضطرابات النفسية</p> <p>29. فنيات المقابلة في مهن المساعدة دليل عملي تدريبي. العنزي. ف. م</p> <p>30. مناهج البحث في علم النفس سليمان. م. ح &amp; عبد الوهاب. ط. م</p> <p>31. مقاييس الذكاء والقدرات العقلية. علي. م. م &amp; مصطفى. ع. أ</p> <p>32. DSM-5 الدليل الكامل لتشخيص الاضطرابات النفسية للراشدين والاطفال مستمد من (2020) شليبي, د.م</p> <p>33. من التشخيص الى صياغة الحالة. العنزي ف. م</p> <p>34. علم النفس الاجتماعي. العلي. ط</p> <p>35. علم النفس المرضي (2017) شويخ د</p> <p>36. القياس النفسي (2017) فرج. ص</p> <p>37. تقييم القدرات العقلية والفحص النفسي العصبي. الزهراني. س</p> <p>38. علم نفس المراحل العمرية. النمو من الحمل الى الشيخوخة والهرم. المفدى. ع</p> <p>39. المبادئ الاخلاقية للممارسين النفسيين وقواعد السلوك المهني. الحبيب. ع &amp; المالكي. ت</p> <p>40. العلاج النفسي للطفل. يوسف &amp; الدويك &amp; موسى. أ</p> <p>41. الفحص والتقييم النفسي. سعيد الزهراني د</p> <p>42. الميثاق الاخلاقي-الجمعية السعودية لعلم النفس. SSPP</p> |                                 |
| <p>1. The Anesthesia Technicians and Technologists Manual by Glenn Woodworth, 2014 Edition.</p> <p>2. Clinical Anesthesiology by Morgan, 5th Edition.</p> <p>3. Essentials of Anesthesia Equipment by Baha AlShaikh, Simon Stacey, 7th Edition.</p>   | <p>Anaesthesia Technologist</p> |
| <p>1. Willard and Spackman's Occupational Therapy, Latest Edition.</p> <p>2. Pedretti's Occupational Therapy: Practice Skills for Physical Dysfunction, latest Edition.</p> <p>3. Occupational Therapy for Children (Case-Smith), Latest Edition.</p> <p>4. Fundamentals of Hand Therapy, Cooper, Latest Edition.</p> <p>5. Handbook of Developmental Disabilities, Odom, Latest Edition.</p> <p>6. Occupational Therapy in Mental Health: A vision for participation, Brown, Latest Edition.</p>   | <p>Occupational Therapist</p>   |



[www.moph.gov.qa](http://www.moph.gov.qa)



[/MOPHQatar](https://www.facebook.com/MOPHQatar)



[/MOPHQatar](https://twitter.com/MOPHQatar)



[/MOPHQatar](https://www.instagram.com/MOPHQatar)