**Kenya Medical Training College**

**Faculty of Clinical Sciences**

**Department of Clinical Medicine**

**Examination setting guidelines**

**For**

**Diploma in Clinical Medicine and Surgery**

**Kenya Medical Training College**

**P.O. Box 30195- 00100**

**Tel: +254- 2725191, 2725711/14**

**Email: info@kmtc.ac.ke**

**Website: www.kmtc.ac.ke**

**Reviewed November, 2021**

**Module 1: Psychology**

**Code:           PSY 113**

**Hours:   30**

**Credit:              03**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Units** | **Hours** | **Sections** | **Remarks** |
| **MCQs** | **SAQs** | **LAQs** |  |
|  | Introduction to psychology    | 4 | 2 | 2 |  |  |
| 1 | Human growth and Development  | 10 | 7 | 3 | 1 |  |
| 2 | Cognitive Psychology | 6 | 4 | 3 | 1 | **Alt** |
| 3 | Motivation and Emotions | 6 | 4 | 3 | 1 |
| 4 | Personality   | 4 | 3 | 2 |  |  |
|  | Total | **30** | **20 Qs (20 mks)** | **8Q (40 mks)** | **2Q (40 mks)** |  |

**Module 2: Communication Skills**

**Code:           HCS 113**

**Hours:   30**

**Credit:              03**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Units** | **Hours** | **Sections** | **Remarks** |
| **MCQs** | **SAQs** | **LAQs** |  |
| **1** | Introduction to communication                                                    | **4** | 2 | 1 |  |  |
| **2** | Modes of communication | **10** | 7 | 2 | 1 |  |
| **3** | Patterns of communication | **6** | 4 | 2 | 1 | **Alt** |
| **4** | Listening skills      | **6** | 4 | 2 | 1 |
| **5** | Reading and writing skills   | **4** | 3 | 1 |  |  |
|  | Total | **30** | **20Qs (20 mks)** | **8Q (40 mks)** | **2Q (40 mks)** |  |

**Module 3: Human Anatomy I**

**Code: HAT 116**

**Hours:             60**

**Credit:             06**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Units** | **Hours** | **Sections** | **Remarks** |
| **MCQs** | **SAQs** | **LAQs** |  |
| **1** | Introduction to human anatomy   | **6** | 2 | 1 |  |  |
| **2** | Levels of structural organization                                      | **12** | 5 | 2 | 1 |  |
| **3** | Human Embryology  | **10** | 4 | 1 |  |  |
| **4** | Body systems I- Skeletal, Nervous System | **24** | 9 | 4 | 1 |  |
|  | Total | **52** | **20Qs (20 mks)** | **8Q (40 mks)** | **2Q (40 mks)** |  |

**Module 4: Medical Physiology I**

**Code: MEP 116**

**Hours:       60**

**Credit:       06**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Units** | **Hours** | **Sections** | **Remarks** |
| **MCQs** | **SAQs** | **LAQs** |  |
| **1** | Introduction to Physiology and Cell Biology     | **12** | 4 | 1 |  |  |
| **2** | Body Fluid compartments  | **12** | 4 | 2 |  |  |
| **3** | Blood and   lymphatic System                                                                           | **10** | 3 | 1 | 1 | **Alt** |
| **4** |  Respiratory system | **6** | 2 | 1 | 1 |
| **5** | Cardiovascular System | **14** | 5 | 2 | 1 |
| **6** | Muscular   System  | **6** | 2 | 1 | 1 |
|  | Total | **60** | **20Qs (20 mks)** | **8Q (40 mks)** | **2Q (40 mks)** |  |

**Module 5: Clinical Methods I**

**Code: CM 113**

**Hours:       30**

**Credit:       03**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Units** | **Hours** | **Sections** | **Remarks** |
| **MCQs** | **SAQs** | **LAQs** |  |
| **1** | History taking                                                                                | **4** | 7 | 1 |  |  |
| **2** | General examination and vital signs | **2** | 4 | 1 |  |  |
| **3** | Respiratory system Examination | **2** | 3 | 2 | 1 | **Any two** |
| **4** | Cardiovascular system examination      | **2** | 3 | 2 | 1 |
| **5** | Abdominal examination      | **2** | 3 | 2 | 1 |
|  | Total | **12 theory hrs** | **20Qs (20 mks)** | **8Q (40 mks)** | **2Q (40 mks)** |  |

**Module: 6 Medical Parasitology and laboratory Techniques I**

**Code:     MPL 113**

**Hours:        30**

**Credit:         3**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Units** | **Hours** | **Sections** | **Remarks** |
| **MCQs** | **SAQs** | **LAQs** |  |
| **1** | Introduction to parasitology   | **10** | 6 | 3 | 1 |  |
| **2** | Classification of helminths  | **20** | 14 | 5 | 1 |  |
|  | Total | **30** | **20Qs (20 mks)** | **8Q (40 mks)** | **2Q (40 mks)** |  |

**Module 7: Medical Microbiology I**

**Code: MEM 113**

**Hours:   30**

**Credit:   3**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Units** | **Hours** | **Sections** | **Remarks** |
| **MCQs** | **SAQs** | **LAQs** |  |
| **1** | Introduction to microbiology  | **10** | **4** | **2** |  |  |
| **2** | Bacteriology – Cocci   | **10** | **8** | **3** | **1** |  |
| **3** | Bacteriology – Bacilli   | **10** | **8** | **3** | **1** |  |
|  | Total | **30** | **20Qs (20 mks)** | **8Q (40 mks)** | **2Q (40 mks)** |  |

**Module 8: General Pathology I**

**Code:     GEP 113**

**Hours:  30**

**Credit: 3**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Units** | **Hours** | **Sections** | **Remarks** |
| **MCQs** | **SAQs** | **LAQs** |  |
| **1** | Concepts in  general pathology      | **8** | 6 | 2 |  |  |
| **2** | Methods and principles of diagnosis     | 4 | 3 | 1 |  |  |
| **3** | Cell disorders  | **8** | 6 | 2 | 1 |  |
| **4** | Inflammation and healing                                                | **6** | 5 | 3 | 1 |  |
|  | Total | **26 (theory hours)** | **20Qs (20 mks)** | **8Q (40 mks)** | **2Q (40 mks)** |  |

**Module 9: Medical Biochemistry I**

**Code: MEB 103**

**Hours:       30**

**Credit:       03**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Units** | **Hours** | **Sections** | **Remarks** |
| **MCQs** | **SAQs** | **LAQs** |  |
| **1** | Introduction  to medical biochemistry                                                     | **10** | **7** | **3** | **1** |  |
| **2** | Chemistry of  biomolecules     | **20** | **13** | **5** | **1** |  |
|  | Total | **30** | **20Qs (20 mks)** | **8Q (40 mks)** | **2Q (40 mks)** |  |

**Module 10: Medical Pharmacology and Therapeutics**

**Code: PTH 113**

**Hours:** 30

**Credit:** 3

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Units** | **Hours** | **Sections** | **Remarks** |
| **MCQs** | **SAQs** | **LAQs** |  |
| **1** | Introduction to Pharmacology and Therapeutics   | **6** | **4** | **2** |  |  |
| **2** | Pharmacokinetics  | **6** | **4** | **2** | **1** |  |
| **3** | Pharmacodynamics  | **10** | **7** | **3** |  |  |
| **4** | Anti-parasitic Agents  | **8** | **5** | **1** | **1** |  |
|  | Total | **30** | **20Qs (20 mks)** | **8Q (40 mks)** | **2Q (40 mks)** |  |

**Module 11: Community Health I**

**Code:       CHE 113**

**Hours: 30**

**Credit: 03**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Units** | **Hours** | **Sections** | **Remarks** |
| **MCQs** | **SAQs** | **LAQs** |  |
| **1** | Determinants of health status in the community  | **6** | **4** | **2** |  |  |
| **2** | Health Education and Health Promotion | **10** | **7** | **2** | **1** |  |
| **3** | Primary Healthcare and CBHC                  | **10** | **7** | **3** | **1** |  |
| **4** | Health Promotion Materials     | **4** | **2** | **1** |  |  |
|  | Total | **30** | **20Qs (20 mks)** | **8Q (40 mks)** | **2Q (40 mks)** |  |

**Year1 Semester 2**

**Module 13: First Aid**

**Code:     123**

**Hours:     30**

**Credit:     03**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Units** | **Hours** | **Sections** | **Remarks** |
| **MCQs** | **SAQs** | **LAQs** |  |
| **1** | Overview of First Aid                                                                            | **4** | **4** | **2** |  |  |
| **2** |  Casualty management                                                                            | **2** | **3** | **1** |  |  |
| **3** | First Aid management to conditions of body systems                         | **4** | **5** | **2** |  |  |
| **4** | First Aid management of various emergency conditions                                 | **2** | **4** | **1** | **1** |  |
| **5** | First Aid management to body injuries                                                                                               | **2** | **4** | **2** | **1** |  |
|  | Total | **14 (theory hrs)** | **20Qs (20 mks)** | **8Q (40 mks)** | **2Q (40 mks)** |  |

**Module 14: Human Anatomy II**

**Code: HAT 126**

**Hours: 60**

**Credit: 06**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Units** | **Hours** | **Sections** | **Remarks** |
| **MCQs** | **SAQs** | **LAQs** |  |
| **1** | Body systems II                                                                            | **44** | **15** | **5** | **2** |  |
| **2** |  Special senses                                                                           | **8** | **5** | **3** |  |  |
|  | Total | **52 (theory hrs)** | **20Qs (20 mks)** | **8Q (40 mks)** | **2Q (40 mks)** |  |

**Module 15: Medical Physiology II**

**Code: MEP 126**

**Hours:     60**

**Credit:     6**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Units** | **Hours** | **Sections** | **Remarks** |
| **MCQs** | **SAQs** | **LAQs** |  |
| **1** | Nervous system | **14** | **5** | **2** | **1** | **Any one** |
| **2** | Sensory system                                                                        | **6** | **2** | **1** | **1** |
| **3** | Endocrine system  | **12** | **4** | **2** | **1** |
| **4** | Reproductive System   | **8** | **3** | **1** | **1** | **Any one** |
| **5** | Urinary System  | **10** | **3** | **1** | **1** |
| **6** | Gatrosintestinal tract | **10** | **3** | **1** | **1** |
|  | Total | **60** | **20Qs (20 mks)** | **8Q (40 mks)** | **2Q (40 mks)** |  |

**Module 16: Clinical Methods II**

**Code: CLM 123**

**Hours:       30**

**Credit:       03**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Units** | **Hours** | **Sections** | **Remarks** |
| **MCQs** | **SAQs** | **LAQs** |  |
| **1** | Communication skills in history taking  | **2** | **2** | **1** |  |  |
| **2** | Performing physical examination | **7** | **7** | **3** | **1** |  |
| **3** | Perform specific clinical diagnostic and therapeutic procedures    | **7** | **7** | **2** | **1** |  |
| **4** | Principles of injection safety, infection prevention and control   | **4** | **4** | **2** |  |  |
|  | Total | **20 (theory hrs)** | **20Qs (20 mks)** | **8Q (40 mks)** | **2Q (40 mks)** |  |

**Module 17: Medical Parasitology and Laboratory Techniques II**

**Code: MPL 124**

**Hours:     30**

**Credit:     3**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Units** | **Hours** | **Sections** | **Remarks** |
| **MCQs** | **SAQs** | **LAQs** |  |
| **1** | Protozoa   | **20** | 20 | 8 | 2 |  |
|  | Total | **20 (theory hrs)** | **20Qs (20 mks)** | **8Q (40 mks)** | **2Q (40 mks)** |  |

**Module 18: Medical Microbiology II**

**Code: MEM 123**

**Hours:           30**

**Credit:             3**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Units** | **Hours** | **Sections** | **Remarks** |
| **MCQs** | **SAQs** | **LAQs** |  |
| **1** | Viruses | **12** | 10 | 4 | 1 |  |
| **2** | Fungi | **12** | 10 | 4 | 1 |  |
|  | Total | **24 (theory hrs)** | **20Qs (20 mks)** | **8Q (40 mks)** | **2Q (40 mks)** |  |

**Module 19: General Pathology II**

**Code: GEP123**

**Credit:   6**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Units** | **Hours** | **Sections** | **Remarks** |
| **MCQs** | **SAQs** | **LAQs** |  |
| **1** | Normal circulation and fluid compartment   | **6** | 4 | 2 | 1 | **Any one** |
| **2** | Impaired fluid and electrolytes  | **10** | **7** | 3 | 1 |
| **3** | Genetic disorders | 8 | 5 | 2 | 1 | **Any one** |
| **4** | Immune system disorders  | **6** | 4 | 1 | 1 |
|  | Total | **30 (theory hrs)** | **20Qs (20 mks)** | **8Q (40 mks)** | **2Q (40 mks)** |  |

**Module 20: Medical Biochemistry II**

**Code: MEB 213**

**Hours:     30**

**Credit:     03**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Units** | **Hours** | **Sections** | **Remarks** |
| **MCQs** | **SAQs** | **LAQs** |  |
| **1** | Enzymology                                                                                          | **4** | **3** | **1** |  |  |
| **2** | Cellular biochemical pathways | **16** | **10** | **4** | **1** |  |
| **3** | Hormones and vitamins   | **6** | **4** | **2** | **1** |  |
| **4** | Clinical biochemistry. | **4** | **3** | **1** |  |  |
|  | Total | **30 (theory hrs)** | **20Qs (20 mks)** | **8Q (40 mks)** | **2Q (40 mks)** |  |

**Module 21: Pharmacology and Therapeutics II**

**Code: PTH 123**

**Hours:** 30

**Credit:   0**3

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Units** | **Hours** | **Sections** | **Remarks** |
| **MCQs** | **SAQs** | **LAQs** |  |
| **1** | Antibacterial agents    | **16** | 11 | 3 | 1 |  |
| **2** | Antifungal agents  | **6** | 4 | 2 | 1 | **Any one** |
| **3** | Anti-viral agents   | **6** | 4 | 2 | 1 |
| **4** | Topical agents and antiseptics  | **2** | 1 | 1 | 1 |
|  | Total | **30 (theory hrs)** | **20Qs (20 mks)** | **8Q (40 mks)** | **2Q (40 mks)** |  |

**Module 22: Behavioural Sciences**

**Code: BES 123**

**Hours:   30**

**Credit:             03**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Units** | **Hours** | **Sections** | **Remarks** |
| **MCQs** | **SAQs** | **LAQs** |  |
| **1** | Introduction to sociology and anthropology     | **10** | 10 | 4 | 1 |  |
| **2** | Counselling | **10** | 10 | 4 | 1 |  |
|  | Total | **20 (theory hrs)** | **20Qs (20 mks)** | **8Q (40 mks)** | **2Q (40 mks)** |  |

**Module 23: Community Health II**

**Code:         CHE 123**

**Hours:   30**

**Credit:   3**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Units** | **Hours** | **Sections** | **Remarks** |
| **MCQs** | **SAQs** | **LAQs** |  |
| **1** | Human Nutrition  | **8** | **7** | **3** | **1** |  |
| **2** | Environmental Health | **14** | **13** | **5** | **1** |  |
|  | Total | **22 (theory hrs)** | **20Qs (20 mks)** | **8Q (40 mks)** | **2Q (40 mks)** |  |

**Year 2 Semester 1**

**Module 25:  Research  I**

**Code: RES 213**

**Hours:     30**

**Credit:     03**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Units** | **Hours** | **Sections** | **Remarks** |
| **MCQs** | **SAQs** | **LAQs** |  |
| **1** | Concepts of research   | **6** | **4** | **2** |  |  |
| **2** | Research process  | **8** | **5** | **2** | **1** |  |
| **3** | Basic statistics  | **12** | **8** | **3** | **1** |  |
| **4** | Application of research | **4** | **3** | **1** |  |  |
|  | Total | 30 | **20Qs (20 mks)** | **8Q (40 mks)** | **2Q (40 mks)** |  |

**Module 26:  Health Systems Management I**

**Code: HSM 213**

**Hours:     30**

**Credit:     03**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Units** | **Hours** | **Sections** | **Remarks** |
| **MCQs** | **SAQs** | **LAQs** |
| **1** | Introduction to leadership and management | **14** | **11** | **4** | **1** |  |
| **2** | Organisation of healthcare services | **4** | **3** | **2** | **1** | **Any one** |
| **3** | Communication and networking | **4** | **3** | **1** | **1** |
| **4** | Commodity and supply management | **4** | **3** | **1** | **1** |
|  | Total | **26** | **20Qs (20 mks)** | **8Q (40 mks)** | **2Q (40 mks)** |  |

**Module 27:  Health Statistics**

**Code: HST 213**

**Hours:     30**

**Credit:     03**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Units** | **Hours** | **Sections** | **Remarks** |
| **MCQs** | **SAQs** | **LAQs** |  |
| **1** | Introduction to health statistics | **2** | **2** | **1** |  |  |
| **2** | Measures of central tendency  | **8** | **5** | **2** | **1** | **Any one** |
| **3** | Measures of dispersion  | **8** | **5** | **2** | **1** |
| **4** | Statistical data  | **4** | **3** | **1** | **1** | **Any one** |
| **5** | Data analysis and presentation  | **8** | **5** | **2** | **1** |
|  | Total | **30** | **20Qs (20 mks)** | **8Q (40 mks)** | **2Q (40 mks)** |  |

**Module 28:  Pharmacology and Therapeutics III**

**Code: PTH 213**

**Hours:** 30

**Credit:     0**3

|  |  |  |
| --- | --- | --- |
| **Module Units** | **Hours** | **Sections** |
| **MCQs** | **SAQs** | **LAQs** |
| **1** | **Autacoids** | **6** | **4** | **2** |  |
| **2** | Drugs acting on the digestive system | **12** | **8** | **3** | **1** |
| **3** | Drugs acting on the repiratory system | **12** | **8** | **3** | **1** |
|  | Total | **30** | **20Qs (20 mks)** | **8Q (40 mks)** | **2Q (40 mks)** |

**Module 29:  Paediatrics and Child Health I**

**Code: PCH 216**

**Hours:   60**

**Credit:   06**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Units** | **Hours** | **Sections** | **Remarks** |
| **MCQs** | **SAQs** | **LAQs** |
| **1** | Introduction to paediatrics and Neonatology | **14** | **5** | **1** | **1** |  |
| **2** | Growth and Development                               | **4** | **1** | **1** |  |  |
| **3** | Infant feeding and Nutritional disorders                                              | **6** | **2** | **2** |  |  |
| **4** | Immunization and Immunizable diseases                                           | **10** | **3** | **2** |  |  |
| **5** | Emerging and re-emerging paediatric                                                                      tropical  diseases and HIV                                                      | **10** | **3** |  |  | **Any one** |
| **6** | Kenya Essential package of Health IMNCI and ETAT                                               | **10** | **3** | **1** | **1** |
| **7** | Respiratory system disease                                                                                 | **6** | **2** | **1** |  |
|  | Total | **60** | **20Qs (20 mks)** | **8Q (40 mks)** | **2Q (40 mks)** |  |

**Module 30:  Surgery I**

**Code:       SUR 216**

**Hours:** 60

**Credit: 0**6

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Units** | **Hours** | **Sections** | **Remarks** |
| **MCQs** | **SAQs** | **LAQs** |
| **1** | Introduction to surgery                                                                                       | **4** | **1** | **1** |  |  |
| **2** | Introduction to Orthopaedics and Traumatology                                 | **16** | **5** | **1** | **1** | **Any one** |
| **3** | Pre and Post-operative surgical care                                      | **12** | **4** | **2** | **1** |
| **4** | Soft tissue conditions                                                                                | **12** | **4** | **2** |  | **Any one** |
| **5** | Chest conditions                                                                                                 | **16** | **6** | **2** |  |
|  | Total | **60** | **20Qs (20 mks)** | **8Q (40 mks)** | **2Q (40 mks)** |  |

**Module 31: Reproductive Health I**

**Code: REH 216**

**Hours:** 60

**Credit:     0**6

|  |  |  |
| --- | --- | --- |
| **Module Units** | **Hours** | **Sections** |
| **MCQs** | **SAQs** | **LAQs** |
| **1** | Introduction to reproductive health | **8** | **3** | **1** |  |
| **2** | Anatomy and physiology of the reproductive health system | **8** | **3** | **1** |  |
| **3** | Clinical methods in reproductive health | **8** | **3** | **2** |  |
| **4** | Menstrual cycle and menstrual disorders | **8** | **3** | **1** |  |
| **5** | Management of normal pregnanacy | **12** | **5** | **2** | **1** |
| **6** | Eraly pregnancy, bleeding and its implications | **8** | **3** | **1** | **1** |
|  | Total | **52** | **20Qs (20 mks)** | **8Q (40 mks)** | **2Q (40 mks)** |

**Module 32:  Medicine I**

**Code: MED 216**

**Hours: 60**

**Credit: 06**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Units** | **Hours** | **Sections** | **Remarks** |
| **MCQs** | **SAQs** | **LAQs** |
| **1** | STI, HIV,AIDS                                                                                         | **10** | **3** | **1** | **1** | **Any one** |
| **2** | Dermatology | **10** | **4** | **1** | **1** |
| **3** | Tropical medicine  | **10** | **4** | **2** | **1** |
| **4** | Respiratory conditions                                                                                                              | **10** | **4** | **2** | **1** | **Any one** |
| **5** | Cardiovascular conditions | **20** | **5** | **2** | **1** |
|  | Total | **60** | **20Qs (20 mks)** | **8Q (40 mks)** | **2Q (40 mks)** |  |

**Module 33: Clinical Pathology 1**

**Code: CLP 213**

**Hours: 30**

**Credit:   3**

|  |  |  |
| --- | --- | --- |
| **Module Units** | **Hours** | **Sections** |
| **MCQs** | **SAQs** | **LAQs** |
| **1** | Cardiovascular pathology | **16** | **11** | **4** | **1** |
| **2** | Respiratory pathology | **14** | **9** | **4** | **1** |
|  | Total | **30** | **20Qs (20 mks)** | **8Q (40 mks)** | **2Q (40 mks)** |

**Year 2 Semester 2**

**Module 35:  Health Systems Management II**

**Code: HSM 223**

**Hours:   30**

**Credit:   03**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Units** | **Hours** | **Sections** | **Remarks** |
| **MCQs** | **SAQs** | **LAQs** |  |
| **1** | Financial Resource Management        | 6 | 3 | 2 | 1 | **Any one** |
| **2** | Project management | 6 | 4 | 1 | 1 |
| **3** | Disaster Management | 4 | 3 | 1 | 1 | **Any one** |
| **4** | Health information systems  | 6 | 4 | 2 | 1 |
| **5** | Quality Assurance in Health Service    | 4 | 3 | 1 | 1 |
| **6** | Monitoring and Evaluation | 4 | 3 | 1 | 1 |
|  | Total | **30 (theory hrs)** | **20Qs (20 mks)** | **8Q (40 mks)** | **2Q (40 mks)** |  |

**Module 36:  Pharmacology and Therapeutics IV**

**Code: PTH 226**

**Hours:** 60

**Credit:   0**6

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Units** | **Hours** | **Sections** | **Remarks** |
| **MCQs** | **SAQs** | **LAQs** |  |
| **1** | Diuretics and drugs acting on the cardiovascular system | 20 | 7 | 3 | 1 |  |
| **2** | Drugs acting on the genitourinary system | 8 | 3 | 1 |  |  |
| **3** | Drugs acting of the endocrine system    | 8 | 3 | 1 |  |  |
| **4** | Drugs acting on the autonomic and central nervous system    | 20 | 6 | 3 | 1 |  |
| **5** | Drugs used in the treatment of bone mineral disorder | 4 | 1 |  |  |  |
|  | Total | **60 (theory hrs)** | **20Qs (20 mks)** | **8Q (40 mks)** | **2Q (40 mks)** |  |

**Module 37:  Community Health III**

**Code: CHE 223**

**Hours:   30**

**Credit:     3**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Units** | **Hours** | **Sections** | **Remarks** |
| **MCQs** | **SAQs** | **LAQs** |  |
| **1** | Principles of epidemiology  | 10 | 7 | 3 | 1 | **Any two** |
| **2** | Communicable diseases  | 12 | 8 | 3 | 1 |
| **3** | Non-communicable diseases | 8 | 5 | 2 | 1 |
|  | Total | **30 (theory hrs)** | **20Qs (20 mks)** | **8Q (40 mks)** | **2Q (40 mks)** |  |

**Module 38: Pediatrics and Child Health II**

**Code: PCH 226**

**Hours:               60**

**Credit:                 06**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Units** | **Hours** | **Sections** | **Remarks** |
| **MCQs** | **SAQs** | **LAQs** |  |
| **1** | Cardiovascular disorders  | 20 | 7 | 3 | 1 | **Any one** |
| **2** | Genitourinary disorders  | 10 | 3 | 1 | 1 |
| **3** | Gastrointestinal and Hepatobiliary system disorders | 20 | 7 | 3 | 1 | **Any one** |
| **4** | Haematological and lymph reticular disorders  | 10 | 3 | 1 | 1 |
|  | Total | **60 (theory hrs)** | **20Qs (20 mks)** | **8Q (40 mks)** | **2Q (40 mks)** |  |

**Module 39:  Surgery II**

**Code: SUR 226**

**Hours:** 60

**Credit: 0**6

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Units** | **Hours** | **Sections** | **Remarks** |
| **MCQs** | **SAQs** | **LAQs** |  |
| **1** | Gastrointestinal Tract and Abdominal Conditions  | **20** | **8** | **2** | **1** |  |
| **2** | Orthopaedics | **14** | **5** | **2** | **1** | **Any one** |
| **3** | Injuries of Upper and Lower Limbs    | **10** | **4** | **2** | **1** |
| **4** | Minor Surgical Procedures   | **2** | **1** | **1** | **1** |
| **5** | Voluntary medical  male circumcision     | **4** | **2** | **1** |  |  |
|  | Total | **50 (theory hrs)** | **20Qs (20 mks)** | **8Q (40 mks)** | **2Q (40 mks)** |  |

**Module 40: Reproductive Health II**

**Code: REH 226**

**Hours:** 60

**Credit:     0**6

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Units** | **Hours** | **Sections** | **Remarks** |
| **MCQs** | **SAQs** | **LAQs** |  |
| **1** | Normal and Abnormal Labor and Childbirth | **10** | **3** | **2** | **1** | **Any one** |
| **2** | Normal and Abnormal Puerperium   | **8** | **3** | **1** | **1** |
| **3** | Obstetric Disorders    | **14** | **6** | **2** | **1** |
| **4** | Medical conditions in Pregnancy  | **12** | **4** | **2** | **1** | **Any one** |
| **5** | STI and pelvic inflammatory diseases   | **6** | **4** | **1** | **1** |
|  | Total | **50 (theory hrs)** | **20Qs (20 mks)** | **8Q (40 mks)** | **2Q (40 mks)** |  |

**Module 41:  Medicine II**

**Code: MED226**

**Hours:   60**

**Credit:   06**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Units** | **Hours** | **Sections** | **Remarks** |
| **MCQs** | **SAQs** | **LAQs** |  |
| **1** | Gastro-intestinal tract, hepatobiliary system and Peritoneal diseases | **20** | **7** | **3** | **1** |  |
| **2** | Haematological, Lymphoreticular Disorders and Blood Transfusion | **16** | **5** | **2** | **1** | **Any one** |
| **3** | Urinary system  | **10** | **3** | **1** | **1** |
| **4** | Endocrine disorders  | **14** | **5** | **2** | **1** |
|  | Total | **60 (theory hrs)** | **20Qs (20 mks)** | **8Q (40 mks)** | **2Q (40 mks)** |  |

**Module 42:  Clinical Pathology 11**

**Code: CLP 223**

**Hours:     30**

**Credit:     3**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Units** | **Hours** | **Sections** | **Remarks** |
| **MCQs** | **SAQs** | **LAQs** |  |
| **1** | Disorders of Gastro-intestinal tract | 12 | 8 | 3 | 1 |  |
| **2** | Disorders of Hepatobiliary system | 8 | 5 | 2 | 1 | **Any one** |
| **3** | Disorders of Urinary system  | 6 | 4 | 2 | 1 |
| **4** | Disorders of Nervous system | 4 | 3 | 1 | 1 |
|  | Total | **30 (theory hrs)** | **20Qs (20 mks)** | **8Q (40 mks)** | **2Q (40 mks)** |  |

**Pediatrics and Child Health III**

**Code:         PCH 312**

**Hours:       20**

**Credit:       02**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Units** | **Hours** | **Sections** | **Remarks** |
| **MCQs** | **SAQs** | **LAQs** |  |
| **1** | Endocrine disorders | 8 | 8 | 3 | 1 |  |
| **2** | Neurological disorders | 12 | 12 | 5 | 1 |  |
|  | Total | **20** | **20Qs (20 mks)** | **8Q (40 mks)** | **2Q (40 mks)** |  |

**Module 45:  Surgery III**

**Code:** SUR 312

**Hours:** 20

**Credit: 0**2

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Units** | **Hours** | **Sections** | **Remarks** |
| **MCQs** | **SAQs** | **LAQs** |  |
| **1** | Head and Neck conditions | 10 | 10 | 4 | 1 |  |
| **2** | Nervous System  | 10 | 10 | 4 | 1 |  |
|  | Total | **20** | **20Qs (20 mks)** | **8Q (40 mks)** | **2Q (40 mks)** |  |

**Reproductive Health III**

**Code:         REH 312**

**Hours:     20**

**Credit:       2**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Units** | **Hours** | **Sections** | **Remarks** |
| **MCQs** | **SAQs** | **LAQs** |  |
| **1** | Family planning | 6 | 8 | 3 | 1 |  |
| **2** | Sexual dysfunction and infertility | 4 | 5 | 2 | 1 |  |
| **3** | Genital tract trauma, prolapse and repair | 2 | 3 | 1 |  |  |
| **4** | Gender based violence | 4 | 4 | 2 |  |  |
|  | Total | **16** | **20Qs (20 mks)** | **8Q (40 mks)** | **2Q (40 mks)** |  |

**Module 47: Medicine III**

**Code: MED 312**

**Hours:   20**

**Credit:     2**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Units** | **Hours** | **Sections** | **Remarks** |
| **MCQs** | **SAQs** | **LAQs** |  |
| **1** | **Nervous system** | **10** | **10** | 4 | 1 |  |
| **2** | **Musculoskeletal** | **10** | **10** | 4 | 1 |  |
|  | Total | **20** | **20Qs (20 mks)** | **8Q (40 mks)** | **2Q (40 mks)** |  |

**Module 48: Special Units**

**Code: SPU314**

**Hours:   40**

**Credit:     4**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Units** | **Hours** | **Sections** | **Remarks** |
| **MCQs** | **SAQs** | **LAQs** |  |
| **1** | Introduction to Opthalmology | 8 | 4 | 2 | 1 | **Any one** |
| **2** | Introduction to ENT and audiology | 6 | 3 | 1 | 1 |
| **3** | Introduction to anaesthesia | 6 | 3 | 1 | 1 |
| **4** | Introduction to Radiology | 4 | 2 | 1 | 1 | **Any one** |
| **5** | Introduction to Psychiatry | 10 | 5 | 2 | 1 |
| **6** | Introduction to Oncology | 6 | 3 | 1 | 1 |
|  | Total | **40** | **20Qs (20 mks)** | **8Q (40 mks)** | **2Q (40 mks)** |  |

**Module 49: Community Health IV**

**Code: CHE313**

**Hours:   20**

**Credit:   02**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Units** | **Hours** | **Sections** | **Remarks** |
| **MCQs** | **SAQs** | **LAQs** |  |
| **1** | **Occupational health and safety** | **10** | **7** | **3** | **1** |  |
| **2** | **Disaster management** | **10** | **6** | **2** |  |  |
| **3** | **Drug and substance abuse** | **10** | **7** | **3** | **1** |  |
|  | Total | **30** | **20Qs (20 mks)** | **8Q (40 mks)** | **2Q (40 mks)** |  |

**Module 50: Health Systems Management III**

**Code: HSM 312**

**Hours:   20**

**Credit:   02**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Units** | **Hours** | **Sections** | **Remarks** |
| **MCQs** | **SAQs** | **LAQs** |  |
| **1** | **Medico-legal issues** | **10** | **10** | **4** | **1** |  |
| **2** | **Corruption and anti-corruption measures** | **10** | **10** | **4** | **1** |  |
|  | Total | **30** | **20Qs (20 mks)** | **8Q (40 mks)** | **2Q (40 mks)** |  |

**Module 53: Paediatrics and Child Health IV**

**Code: PCH 322**

**Hours: 20**

**Credit: 02**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Units** | **Hours** | **Sections** | **Remarks** |
| **MCQs** | **SAQs** | **LAQs** |  |
| **1** | Paediatric psychiatry | 6 | 6 | 2 |  |  |
| **2** | Paediatric emergencies | 8 | 8 | 4 | 1 |  |
| **3** | Paediatric oncology | 6 | 6 | 2 | 1 |  |
|  | Total |  | **20Qs (20 mks)** | **8Q (40 mks)** | **2Q (40 mks)** |  |

**Module 54:  Surgery IV**

**Code: SUR 322**

**Hours:** 20

**Credit:** 2

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Units** | **Hours** | **Sections** | **Remarks** |
| **MCQs** | **SAQs** | **LAQs** |  |
| **1** | Urogenital systems conditions | 10 | 10 | 4 | 1 |  |
| **2** | Injuries of the spine | 10 | 10 | 4 | 1 |  |
|  | Total | **20** | **20Qs (20 mks)** | **8Q (40 mks)** | **2Q (40 mks)** |  |

**Module 55: Reproductive Health IV**

**Code: REH 322**

**Hours:** 20

**Credit:       0**2

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Units** | **Hours** | **Sections** | **Remarks** |
| **MCQs** | **SAQs** | **LAQs** |  |
| **1** | Gynaecological neoplasms | **12** | **13** | **4** | **1** |  |
| **2** | Routine care of the newborn | **1** | **1** | **1** | **1** | **Any one** |
| **3** | Neonatal resuscitation | **1** | **2** | **1** | **1** |
| **4** | Neonatal sepsis and jaundice | **1** | **1** | **1** | **1** |
| **5** | Maternal and perinatal deaths surveillance and response (MPDRS) | **3** | **3** | **1** | **1** |
|  | Total | **18** | **20Qs (20 mks)** | **8Q (40 mks)** | **2Q (40 mks)** |  |

**Module 56: Medicine IV**

**Code:     MED 423**

**Hours: 10**

**Credit:   1**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Units** | **Hours** | **Sections** | **Remarks** |
| **MCQs** | **SAQs** | **LAQs** |  |
| **1** | Medical emergencies | 5 | 10 | 4 | 1 |  |
| **2** | Management of medical emergencies | 5 | 10 | 4 | 1 |  |
|  | Total |  | **20Qs (20 mks)** | **8Q (40 mks)** | **2Q (40 mks)** |  |

**Module 57:  Health Systems Management IV**

**Code: HSM 322**

**Hours:   20**

**Credit:   02**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Units** | **Hours** | **Sections** | **Remarks** |
| **MCQs** | **SAQs** | **LAQs** |  |
| **1** | Introduction to entrepreneurship | 10 | 12 | 5 | 1 |  |
| **2** | Business plan | 8 | 8 | 3 | 1 |  |
|  | Total |  | **20Qs (20 mks)** | **8Q (40 mks)** | **2Q (40 mks)** |  |

**Module 58:  Community Health IV**

**Code: CHE322**

**Hours:     30**

**Credit:     03**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module Units** | **Hours** | **Sections** | **Remarks** |
| **MCQs** | **SAQs** | **LAQs** |  |
| **1** | Occupational health and safety | 10 | 7 | 3 | 1 |  |
| **2** | Demography | 10 | 6 | 2 |  |  |
| **3** | Drug and substance abuse | 10 | 7 | 3 | 1 |  |
|  | Total | **30** | **20Qs (20 mks)** | **8Q (40 mks)** | **2Q (40 mks)** |  |

|  |  |  |  |
| --- | --- | --- | --- |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |

**FINAL QUALIFYING EXAMINATIONS**

1. **Medicine FQE**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module** | **Hours** | **Sections** | **Remarks** |
| **MCQs** | **SAQs** | **LAQs** |  |
| 1 | Medicine 1 | 60 | 16 | 3 |  |  |
| 2 | Medicine 2 | 60 | 16 | 3 |  |  |
| 3 | Medicine 3 | 20 | 5 | 1 | 1 | **Any one** |
| 4 | Medicine 4 | 10 | 3 | 1 | 1 |
|  | Total | **150** | **40Qs (40 mks)** | **8Q (40 mks)** | **1Q (20 mks)** |  |

1. **PAEDIATRICS FQE**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module** | **Hours** | **Sections** | **Remarks** |
| **MCQs** | **SAQs** |  |  |
| 1 | Paediatrics I | 60 | 15 | 3 |  |  |
| 2 | Paediatrics II | 60 | 15 | 3 |  |  |
| 3 | Paediatrics III | 20 | 5 | 1 | 1 | **Any one** |
| 4 | Paediatrics IV | 20 | 5 | 1 | 1 |
|  | Total | **160** | **40Qs (40 mks)** | **8Q (40 mks)** | **1Q (20 mks)** |  |

1. **SURGERY FQE**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module** | **Hours** | **Sections** | **Remarks** |
| **MCQs** | **SAQs** |  |  |
| **1** | Surgery 1 | 60 | 16 | 3 |  |  |
| **2** | Surgery 2 | 54 | 14 | 3 |  |  |
| **3** | Surgery 3 | 20 | 5 | 1 |  | **Any one** |
| **4** | Surgery 4 | 20 | 5 | 1 |  |
|  | Total | **154** | **40Qs (40 mks)** | **8Q (40 mks)** | **1Q (20 mks)** |  |

1. **REPRODUCTIVE HEALTH - FQE**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module** | **Hours** | **Sections** | **Remarks** |
| **MCQs** | **SAQs** | **laq** |  |
| **1** | RH 1 | 52 | 15 | 3 |  |  |
| **2** | RH 2 | 50 | 15 | 3 |  |  |
| **3** | RH 3 | 16 | 5 | 1 | 1 | **Any one** |
| **4** | RH 4 | 18 | 5 | 1 | 1 |
|  | Total | **136** | **40Qs (40 mks)** | **8Q (40 mks)** | **1Q (20 mks)** |  |

1. **COMMUNITY HEALTH - FQE**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module** | **Hours** | **Sections** | **Remarks** |
| **MCQs** | **SAQs** | **LAQ** |  |
| **1** | Community Health 1 | 30 | 8 | 1 |  | **Any one** |
| **2** | Community Health 2 | 22 | 8 | 1 |  |
| **3** | Community Health 3 | 30 | 8 | 2 |  |
| **4** | Community Health 4 | 30 | 8 | 2 |  |
| **5** | Community Health 5 | 30 | 8 | 2 |  |
|  | Total | **142** | **40Qs (40 mks)** | **8Q (40 mks)** | **1Q (20 mks)** |  |

1. **HEALTH SYSTEMS MANAGEMENT - FQE**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module** | **Hours** | **Sections** | **Remarks** |
| **MCQs** | **SAQs** | **LAQ** |  |
| **1** | HSM 1 | 26 | 11 | 2 |  | **Any one** |
| **2** | HSM 2 | 30 | 12 | 2 |  |
| **3** | HSM 3 | 20 | 9 | 2 |  |
| **4** | HSM 4 | 18 | 8 | 2 |  |
|  | Total | **94** | **40Qs (40 mks)** | **8Q (40 mks)** | **1Q (20 mks)** |  |