

Information Bulletin

Medical Registration Examination (MRE)

(Under Section 22 (1) (ca) of the Medical Council Act)

Prior to Registration as General Practitioner

July 2019

MRE



Medical Council of Mauritius

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SYLLABUS

CLINICAL SUBJECTS

Marks 150

GENERAL SURGERY

1. Hemorrhage and Shock
2. Fluid, electrolyte and Acid balance, nutrition
3. Skin tumours, burns, skin grafting
4. Arterial diseases
5. Venous diseases
6. Lymphatic and Lymph nodes
7. Wounds
8. Specific and non-specific injections
9. Tumors, Cysts, Ulcers and Sinuses and Fistulae
10. Infections of Hand and Foot
11. Diseases of muscle, tendons, bursae and fascia
12. Hernia
13. Umbilical granuloma, fistula, adenoma
14. Abdominal Wall
15. Face, Teeth, Gums, Mouth, Tongue, Salivary glands, Neck
16. Thyroid Glands, Thyroglossal Tract and Endocrines
17. Breast
18. Sympathetic System
19. Cranio-Cerebral injuries
20. Brain, Nerves
21. Genito-Urinary System
22. Kidneys and Ureters
23. Urinary Bladder
24. Prostrate
25. Urethra
26. Penis, Testis and Scrotum
27. Vasectomy and Recanalisation
28. Cardiothoracis System
29. Oesophagus, Stomach and Duodenum
30. Spleen, Liver, Gall Baldder and bile ducts
31. Pancreas



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32. Peritoneum
33. Intestines, intestinal obstruction
34. Appendix
35. Rectum and Anal Canal.

ANESTHESIA

1. Anatomy of upper airway
2. Physiology of Respiration O₂/ CO₂ transport. Methods of oxygen therapy.
3. Pre-operative evaluation/pre-medication
4. Anaesthetic agents, stages of Anaesthesia
5. Principles and mechanism of administration of general anaesthetics, balances Anaesthesia
6. IPPV, Endotracheal Intubations
7. Muscle Relaxants
8. Spinal/Epidural Anesthesia
9. Local Anesthesia
10. Cardiopulmonary resuscitation basic, use of simple ventilators
11. Monitoring
12. ICU, role of Anaesthesiologist in ICU
13. Shock
14. Blood Transfusion and Fluid Electrolal Balance
15. Sites of respiratory obstruction and management of airway in an unconscious patient
16. Poisoning
17. Role of anaesthesiologist in acute and chronic relief
18. Role of anaesthesiologist in acute and chronic relief.

ORTHOPEDICS

1. Traumatolgy
 - Injuries of bones and joints/Injuries of Lower Extremity
 - Injuries of the Spine/ Vascular Injuries
2. Cold Orthopedics
3. Regional Conditions
4. Neuro-Muscular Disorder
5. Bone and Joint Tuberculosis
6. Physical Medicine and Rehabilitation



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RADIO-DIAGNOSIS

1. Respiratory System
2. Cardiovascular System
3. Gastrointestinal system
4. Obstetrics & Gynaecology
5. Skeletal System
6. Central Nervous System
7. Excretory System

RADIOTHERAPY

1. Principles of Radiotherapy
2. Principles of Chemotherapy
3. Prevention and Early Diagnosis of Cancer
4. Principles of Nuclear medicine
5. Common radiation reactions and management
6. Radiotherapy and chemotherapy in commonly seen cancers
7. Radio-isotopes in diagnosis and therapy

PAEDIATRICS

1. Statistics
2. Neonatology
3. Growth & Development
4. Nutrition
5. Infections
6. Genetics
7. Pediatric Emergencies
8. Central Nervous System
9. Gastroenterology
10. Nephrology
11. Endocrinology
12. Respiratory System

MEDICINE

1. Clinical Methods in the practice of Medicine
2. Common symptoms of disease



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3. Nutrition/Exposure to Physical & Chemical Agents
4. Infections
5. Haematology
6. Respiratory System
7. Cardio-Vascular System
8. Gastro-Intestinal Tract
9. Emergency Medicine
10. Neurological System
11. Nephrology & Urinary system connected to Tissue Disorders
12. Endocrine System
13. Geriatrics

TUBERCULOSIS AND RESPIRATORY DISEASES

Diagnosis and management of common ailments affecting the chest with special emphasis on management and prevention of Tuberculosis and National Control Programme.

PSYCHIATRY

1. History aspects and diagnosis & treatment of mental illness
2. Conclusion of Mental Status Examination
3. Behavioral Sciences
4. Different psychoses Clinical features, diagnosis and management of:
5. Schizophrenia
6. Mania and depression
7. Anxiety disorders and hysteria
8. Dementia
9. Alcoholism
10. Drug Abuse
11. Psychiatric emergencies
12. Clinical features, diagnosis and management of psychiatric disorders of childhood and adolescence
13. Personality disorder

DERMATOLOGY AND SEXUALLY TRANSMITTED DISEASES

1. Dermatological therapy
2. Lichen Planus



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3. Diseases caused by Nutritional and Environmental Factors
4. Infective Disorders
5. Melanocytes, pigment metabolism and other disorders of Pigmentation
6. Allergic Disorders
7. Dermatitis and Eczema
8. Vesiculobullous Diseases
9. Alopecia and Hirsutism
10. Structure and functions of Sebaceous glands and Disease
11. Leprosy
12. Psoriasis
13. STD

OPHTHALMOLOGY

Basic sciences – Anatomy, Physiology, Pharmacology, Pathology, Elementary Optics, Diseases of the Eye

1. Conjunctiva
2. Cornea
3. Sclera
4. Uveal Tract
5. Lens
6. Vitreous
7. Glaucoma
8. Retina
9. Optic Nerve
10. Intra-Ocular Tumors
11. Squint
12. Orbit
13. Lacrimal System
14. Lids
15. Refractive Errors
16. Injuries
17. Ophthalmic Surgery
18. Community ophthalmology
19. Miscellaneous



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OTORHINOLARYNGOLOGY

1. Diseases of the Ear
2. Diseases of the Nose and Para Nasal sinuses
3. Diseases of Nasopharynx
4. Diseases of Trachea
5. Oesophagus

OBSTETRICS AND GYNECOLOGY

1. Anatomy of the Female reproductive Tract
2. Physiology of conception
3. Development of fetus and placenta
4. Diagnosis of pregnancy
5. Maternal changes in pregnancy
6. Antenatal care
7. Abnormal obstetrics
8. Normal labour
9. Normal puerparium
10. Breast Feeding
11. Care of new born
12. Medical termination of pregnancy
13. Family planning
14. Operative obstetrics
15. Post caesarian pregnancy
16. Pharmaco therapeutics in obstetrics
17. Safe motherhood
18. Maternal morbidity, and morality
19. Medico legal aspects
20. RCH
21. Current topics
22. Vaginal discharge
23. Menstrual disorder
24. Fertility, infertility
25. Endometriosis and allied states
26. Genital injuries and fistulae
27. Genital infections
28. Genital prolapse
29. Tumours



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30. Carcinoma
31. Radiotherapy in gynaecology
32. Chemotherapy in gynaecology
33. Endoscopy
34. Diseases of breast
35. Operative gynaecology