

**GENERAL SYLLABUS FOR RECRUITMENT OF  
SUPERINTENDING MEDICAL OFFICER (ORTHOPEDICS/RADIOLOGY) &  
SENIOR MEDICAL OFFICER IN OIL**

**For Superintending Medical Officer (Radiology)**

- Role of MRI in adult demyelinating disorders.
- Triphasic CT scan for liver.
- MRI evaluation of female pelvic pathology.
- CT evaluation of head injury patient.
- Role of ultrasound (USG) in ocular disorders.
- USG evaluation of Right iliac fossa (RIF) lesions.
- HRCT thorax in interstitial lung disease (ILD)
- Role of enteroclysis in small bowel pathology.
- Mammography.
- X-Ray evaluation of pediatric long bone tumors.
- Radiological physics.
- X-Ray tube composition.

*(Question Paper will consists of mainly subjective type questions)*

**For Superintending Medical Officer (Orthopedics Surgeon)**

- Spine
- Upper limb
- Hip and knee
- Foot and ankle
- Musculoskeletal tumours
- Infection of bones and joints
- Paediatric orthopaedics
- Sports medicine and sports injury
- History and clinical assessment in musculoskeletal diseases
- Metabolic response to injury
- Shock and blood transfusion
- Diagnostic imaging
- Recent updates in orthopaedics
- ATLS

*(Question Paper will consists of mainly subjective type questions)*

### For Senior Medical Officer

- General Knowledge & English
- Diseases of the Cardio vascular system, Valvular Heart Disease, Arrhythmias, ECG basics, hypertensive Vascular Disease, Heart Failure, Ischemic Heart Disease, Myocardial Infarction, Acute Coronary Syndrome
- Renovascular Diseases, Glomerulonephritis, CKD
- Pneumonia and Interstitial Lung disease
- Diseases of the Neurological system, Seizures and Epilepsy, Cerebro vascular Diseases, Guillain Barre Syndrome, Motor Neuron Disease
- Diseases of the endocrine System, MEN, Hypothyroidism and Hyperthyroidism, Cushing syndrome
- Diabetes Mellitus and Diabetic Ketoacidosis
- Diseases of Hepato Biliary system & GI disorders, Hepatitis, Cirrhosis, Pancreatitis, Acute Gastroenteritis
- Diseases of the Hematopoetic System, Anemias, Myeloproliferative Disorders, Leukemias
- HIV/AIDS
- Diseases of Musculoskeletal System, Rheumatoid Arthritis, SLE
- Infectious Diseases, Tuberculosis, Viral Infection (chikungunya, Nipah, Dengue), Leprosy

*(Question Paper will consist of both objective and subjective questions)*

*Syllabus is illustrative only, not exhaustive*