



Syllabus for OT Assistant

(Syllabus is only Indicative. The questions can assess any aspect of knowledge, aptitude, attitude and practical skills, which is expected from a trained person to work efficiently at the advertised post)

Part B

Core Subject

ANATOMY & PHYSIOLOGY

- Elementary Physics & Chemistry
- Characteristics of Living Matter
- Structure of Living Matter
- Anatomy and Physiology related to Cardiovascular system , Nervous system , respiratory system , circulatory system , digestive system , hepatobiliary system , endocrine glands and exocrine glands , urinary system , reproductive system, musculoskeletal system

SURGICAL INSTRUMENTS AND PROCEDURES

- (Including Sterilization and Disinfection, Different Methods, Protection of Patients in Surgery, Preparation of Patients)
- Preoperative Consideration Psychological Support of the Surgical Patient
- Protection of the Patient in Surgery
 - Transfer Procedure Position
 - Environmental Controls
 - Electro Surgery
 - Operative Records
 - Counting Procedure
 - Sterilization
 - Emergencies & Disaster management
- Surgical Instruments
 - Instruments for General Surgery
 - Operation of Face & Neck
 - Operation of Nose, Throat and accessory Nasal Sinuses
 - Ophthalmic Surgery
 - Sinuses, Ear and Throat
 - Operations on the Chest
 - Operations on the Genito-Urinary Tract
 - Gynaecological & Obstetric Operations
 - Orthopedic Operations



- Neuro-Surgical Operations
- Operations on the Vascular System
- Radium Insertion
- Traumatic Surgery
- Surgical procedures
 - Neck Surgery
 - Breast Procedures
 - Abdominal Extra intestinal Surgery
 - Gastrointestinal Surgery
 - Gynaecological and Obstetric Surgery
 - Genito-Urinary Surgery
 - Thoracic Procedures
 - Cardiovascular Surgery
 - Orthopedic Surgery
 - Neurological Surgery
 - Plastic Surgery
 - Otorhinolaryngologic (ENT) Surgery
 - Ophthalmic Surgery
 - Pediatric Procedures

ANAESTHESIA

- General anaesthesia
- Regional anaesthesia
- Spinal
- Epidural
- Caudal
- Local
- Topical
- Methods for preparation of the patients for anaesthesia
- Pharmacology and clinical use of intravenous and inhalational anesthetic agents , opioids, NSAIDS , neuromuscular blocking agents , reversal agents , autonomic nervous system , local anesthesia agents.
- Emergency resuscitation, ALS and BLS protocols
- Emergency drugs
- Vasopressor and inotropic drugs
- Sterilisation& Maintenance of anesthesia equipment
- Difficult airway management, laryngoscopes, bronchoscopes.
- Instruments and tubes used in anesthesia practices



**SURGICAL PROCEDURES AND MONITORING, OPERATION THEATRE
ETHICS/DISCIPLINE, SAFETY FOR OPERATING ROOM PERSONNEL, PREPARATION OF**

INSTRUMENTAL TRAYS

- Surgical Procedures & Monitoring
- Safety for operation room personnel
- Preparation of Instrumental Trays eg: Gynaecological And Obstetric Trays, Genito-Urinary Tray, Cardiovascular trays, Orthopaedic tray, Neurologic Procedures Tray, Otorhinolaryngologic (ENT) Tray, Ophthalmic Trays, Paediatric Tray