



## **Syllabus for CSSD 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**

##### **Basic Anatomy:**

- General Introduction–Definition of Anatomy & Physiology–Types of Anatomy (including systemic)– Definition of topographic term/term used to describe the body.– Description of Various regions of the body.
- Cells and tissues of body and general histology.
- Anatomical description of the following: -Skin and breast–Ontology–Joints–Ligaments–Fasciae and Bursae–Musculoskeletal system–Cardiovascular system–Respiratory system–Lymphatic system–Blood and blood forming organs–congenital system–Endocrine system–Organs of special senses (ear, eye, etc.)– Digestive system–Embryology.

**Basic Physiology-** Introductory Lectures or specialization of tissues. Homeostasis and its importance in mammals. Blood and lymphatic system Cardiovascular system Excretory system, skin and temperature regulation Respiratory system Digestive system and metabolism Endocrinology Reproductive system Nervous system Special senses Muscles.

##### **Basic Pathology and Microbiology –**

- Definitions and Classification of diseases
- Inflammatory diseases–viral and fungal
- Inflammatory diseases–Parasitic
- Degenerative diseases–Fatty degeneration, Amyloid etc
- Tumors–Definition, etiology& classification

##### **Operation theatre techniques:**

- Operation theatre techniques
- Surgical Procedures Organize and set up trolleys for theatre Tracking and recall of equipment and items Surgical Instruments
- Criteria for Purchase and Maintenance
- Checking in and out of loan instruments
- Decontamination Process
- Scientific Principles
- Recommended Practices



**Disinfection:**

- Principles of Disinfection
- Cleaning of equipment
- Use of detergents
- Ultra Sonic washers /Mechanical cleaning apparatus
- Cleaning of catheters and tubings, cleaning glass ware, cleaning syringes and needles
- Preparation and Supplies for Terminal Sterilization

**Cleaning, Washing, Packaging and assembly line:**

- Precautions while handling instruments and line Assembly and packing
- Packaging selection and Materials used for wrapping and packing assembling pack contents.
- Types of packs prepared.
- Inclusion of trays and gallipots in packs.
- Method of wrapping and making use of indications to show that a pack of container has been through a sterilization process date stamping.

**Sterilization methods:**

- Different Methods of Sterilization
- High Temperature Sterilization–Dry Heat Moist heat sterilization
- EO gas sterilization
- H<sub>2</sub>O<sub>2</sub> gas plasma vapour sterilization
- Endoscopes and their Sterilization
- Sterilization Recommended Practices for Flash Sterilization
- Use of Sterilization indicators like in different process
  - a) Biological Indicator
  - b) Chemical Indicator
  - c) Bowie Dick Test
  - d) Thermal Tape
  - e) Incubator to test Biological indication. Efficiency 60 min/90 min.

**Classification of CSSD working areas as per:**

- **Colour Code**
  - a) Red Colour Dirty Area
  - b) Yellow Colour/Clean Area
  - c) Green Sterilized area



**Sterilization record keeping:**

- Sterile storage Call back system in case of detection of failure HVAC system
- Records & register maintenance

**Quality assurance:**

- Quality assurance
- Biological indication and quality control
- Quality measurement methods and its standards

**Quality Standards:** International Organization for Standardization (ISO) standards Water Quality and its impact in CSSD process Biomedical waste disposal protocols