

**Syllabus for the Post of Operation Theatre Attendant (OT Attendant)**  
(Preliminary MCQs based Written Examination)

**Examination Scheme**

| Test Component                                                        | Number of Questions | Maximum Marks |
|-----------------------------------------------------------------------|---------------------|---------------|
| Basic Medical Sciences and Hospital Procedures                        | 40                  | 40            |
| Operation Theatre Techniques, Surgical Instruments and Emergency Care | 50                  | 50            |
| General Awareness, Ethics and Computer Knowledge                      | 10                  | 10            |
| Total                                                                 | 100                 | 100           |

**Nature of Examination**

- Objective Type Multiple Choice Questions (MCQs)

**Standard of Examination**

- graduation in bachelor's degree in Operation Theatre Technology level.

**Medium of Examination**

- English and Hindi wherever applicable

**Detailed Syllabus**

**Section I: Basic Medical Sciences and Hospital Procedures: 40 Marks**

| Topic                              | Subtopics                                                                                                                                                                   |
|------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Human Anatomy and Physiology       | General anatomical terminology, cell structure, tissues, skeletal system, cardiovascular system, respiratory system, nervous system, endocrine system and blood composition |
| Basic Pathology                    | Inflammation, healing, necrosis, shock, coagulation disorders and common pathological conditions                                                                            |
| Microbiology and Infection Control | Bacteria, viruses, fungi, modes of infection transmission, nosocomial infections, sterilization and disinfection methods                                                    |
| Pharmacology                       | Antiseptics, disinfectants, antibiotics, analgesics, anesthetic agents, IV fluids and routes of drug administration                                                         |
| Hospital Procedures                | Specimen collection, handling and transport, patient preparation, pre-operative and post-operative care                                                                     |
| Biomedical Waste Management        | Biomedical waste segregation, disposal methods, infection prevention and hospital safety measures                                                                           |

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**Section II: Operation Theatre Techniques, Surgical Instruments and Emergency Care: 50 Marks**

| Topic                                       | Subtopics                                                                                                                                  |
|---------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| Operation Theatre Techniques                | OT design, OT preparation, aseptic techniques, surgical scrubbing, gowning, painting and draping                                           |
| Sterilization and CSSD                      | Sterilization techniques, autoclaving, CSSD functioning, care of sterile materials and linen                                               |
| Surgical Instruments and Equipment          | Identification, handling and sterilization of instruments, operating tables, suction apparatus, cautery machine and anesthesia workstation |
| Anesthesia and Emergency Care               | Types of anesthesia, assisting anesthetist, CPR, BLS, monitoring equipment, code blue and emergency response                               |
| Surgical Procedures and Patient Positioning | General surgical procedures, orthopedic, ENT, gynecological and pediatric surgeries, patient positioning and transport                     |
| Bandaging and Surgical Materials            | Needles, sutures, knots, plastering, splint application and dressing materials                                                             |
| Hospital Ethics and Medico-Legal Aspects    | Consent forms, OT staff duties, professional ethics, discipline and medico-legal responsibilities                                          |

**Section III: General Awareness, Ethics and Computer Knowledge: 10 Marks**

| Topic                  | Subtopics                                                                                |
|------------------------|------------------------------------------------------------------------------------------|
| General Awareness      | Current affairs, general science, environmental awareness and healthcare related schemes |
| Reasoning and Aptitude | Basic mathematics, logical reasoning and analytical ability                              |
| Computer Fundamentals  | MS Word, Excel, PowerPoint, Internet, email usage and digital documentation              |
| Professional Ethics    | Discipline, teamwork, communication skills and patient confidentiality                   |

