

## SEM-3

### VML-301

### Basic Concepts of MLT-II

**Objective** student will learn about the safety protocol in lab, and about the role of lab technician

**UNIT - 1** **Laboratory Protocols:** Role of the acts and regulation including safety protocols, confidential protocols and home visit protocols, training the technicians, laboratory infrastructure, clinical laboratory management, requisition form, accession list, guidelines of good clinical laboratory, specimen rejection record, data management.

**UNIT - 2** **Roles and Responsibility of MLT:** To develop broad understanding of the role of MLT. Duties and Responsibilities of medical lab technician, patient comforts & safety, to exhibit ethical behavior, to develop techniques of grooming, to be vaccinated against common infectious disease, precautions to ensure sample preservation while transport, basics of the first aid, precautions to ensure self-safety.

**UNIT - 3** **Documentation:** Understand guidelines for documentation, various types of records in laboratory setup, uses and importance of records in laboratory setup, essential requirement of records, understand abbreviations and symbols, enter transcribe, record, store, or maintain information.

**UNIT -4** **Professional behavior in healthcare setting:** Learn to maintain restful environment, general and specific etiquettes, legal and ethical issues, impact of comfort on patients' health, importance and methodology of cleanliness, and hygiene environment in collection, acquire elementary knowledge on good clinical laboratory practices of WHO.

### **Recommended Books:**

- [P.B Godkar, Henry's clinical diagnosis and management by laboratory methods]
- Textbook Of Medical Laboratory Technology 1St Edition 2020 by Mrinalini Sant, CBS Publishers