

# **DIPLOMA IN I C U TECHNICIAN 1<sup>ST</sup> YEAR**

## **Anatomy and physiology**

1. General anatomy of human body
2. System of body
3. Function of each system
4. Diseases caused to each system
5. Care of each system

### **Physiology**

1. Psychology definition
2. Psychology of sick person
3. Needs for psychology support to sick person
4. Mental adjustment of individuals
5. Care of mentally retired and insane person
6. Human body
7. Function of each organ
8. Disorder of organ

## **Sociology & First Aid**

1. Definition of sociology and social problem
2. How illness affect society
3. Role of society in preventing epidermis diseases

### **First aid**

1. Definition
2. First aider –definition duties and responsibilities
3. Artificial respiration, electric shock, burns, control of bleeding, unconsciousness,
4. Fracture and injuries dislocation high, fever, something get struck in the throat

Drowning, insect bite, dog bite, snake bite, food poisoning, chemical poisoning

## **Pathology & Radiology**

1. Introduction of Pathology
2. Hematology
3. Coagulation & Blending Disorder
4. Liver & Kidney Disorder
5. Blood Group & Blood Transpires

6. Sample collection, storable Transpires

### **Radiology**

1. NECT & CECT – brain, joints, abdomen, chest, face, neck and secretor
2. X-ray – joints, boxes, chest, abdomen
3. Ultrasound – abdomen
4. MRI - joints, abdomen and all, part of body  
Dapper, EEG

## **DIPLOMA IN I C U TECHNICIAN 2<sup>nd</sup> YEAR**

### **MICROBIOLOGY**

1. Immunology & serology
2. Parasitological
3. Mycology
4. Clinical microbiology
5. General bacteriology
6. Systemic bacteriology
7. Immunology & serology
8. Clinical bacteriology

### **EQUIPMENTS**

#### **Introduction (Definition)**

Selection of appropriate patient Generic goals

Distributive justice

Immediate objectives: societal patient value

#### **Types of ICU and staffing pattern**

Classification on type of patient admitted

Classification on organizational structure

Staff requirements

#### **Physical facilities, planning and designing**

Location

Levels of provision

Special requirements

Intensive coronary care unit

Combined medical and surgical intensive care

Pediatric intensive care unit

### **MONITORING**

**Equipment requirement**

Monitoring equipment

Therapeutic equipment

**Policy and procedures**

Admission procedure

Day to day care and discharge procedure

Coordination and control