

# **Jarriiban University and Jarriiban Hospital**

**Jarriiban,Puntland Somalia**

## **The needs of Jarriiban University and its Hospital.**

### **A. Teaching equipment**

1. Computers (for the Computer Lab)-100
2. White Boards- 50
3. Chairs and Tables-200
4. Photocopies-4
5. Stationery and Bags.

### **B. Medical equipment**

#### **1. Medical Laboratory Demonstration ITEMS/Equipments (QALABKA SHAYBAARKA)**

- ❖ RF
- ❖ CRP
- ❖ Widal reagents
- ❖ Hpylor kit
- ❖ Burcela reagent
- ❖ HIV/AIDS kit
- ❖ HB-ag
- ❖ HCV
- ❖ RPR
- ❖ TOX
- ❖ HCG
- ❖ ASO
- ❖ ABO
- ❖ Torniquit
- ❖ Microscope
- ❖ Centerfuge
- ❖ Hb-machine
- ❖ Hb-strip
- ❖ Glucose strip
- ❖ Glucos machine
- ❖ Pipates
- ❖ Talagad
- ❖ Gemsa stain
- ❖ Blane-tube

- ❖ EST-tube
- ❖ EDTA tubes
- ❖ Rackes
- ❖ Urine-tubes
- ❖ Urine/stool cubes
- ❖ Ppt-tube
- ❖ Hematology Analyser / Cell Counter
- ❖ Hematology Analyser / Cell Counter
- ❖ Bio-chemistry Analyser
- ❖ Electrolyte Analyser
- ❖ Urine Analyser
- ❖ Coagulometer
- ❖ HB1Ac machine
- ❖ Eliza Plate Washer & Reader
- ❖ Immunoassay Analyser
- ❖ ESR Analyser
- ❖ Serum protein analyser
- ❖ Microscope
- ❖ Incubator
- ❖ Centrifuge
- ❖ Tissue Diagnostics
- ❖ Microtome
- ❖ Paraffin wax bath
- ❖ Grossing workstation
- ❖ Tissue floatation Bath
- ❖ Tissue processor
- ❖ Freezer/ Refrigerator
- ❖ Autoclave
- ❖ Lab balance, mixers, shakers, stirrers, pipettes
- ❖ Laboratory glassware such as the beaker or reagent bottle
- ❖ RBC Pipette
- ❖ WBC Pipette
- ❖ Bio-Waste Management Items
- ❖ Digital Stopwatch
- ❖ Neubauer's Chamber (Counting Chambers)
- ❖ ELISA Reader (Fully Automated)
- ❖ Blood Mixer (Roller Mixer)
- ❖ Blood Collection Monitor
- ❖ Blood Bank Refrigerator
- ❖ Syringe & Needle Destroyer
- ❖ Microscope – 20
- ❖ Patient Bed (Sariirta Bukaanka) -50
- ❖ Human Organ Model -10
- ❖ Skeleton (Adult) 10
- ❖ CPR Model -10

## Serology Kits

ASO:



CPR:



RPR:



RF:



Burcela reagent:



H.Pylor:





Test:



Widal Test:

HbV:



HbC:



HIV/IAIDS test:

syphilis RDT:

RDT:



Glucose:



HBG:



Tests tubes:



test tubes:

Urine/stool



kit: pipettes X 25 xabo:



Giemsa stain:



centrifuge:



Microscope:



CPC machine:



Chemistry analyzer:



Talaagad:



Autoclave



lab Incubators







**Laboratory glassware**

### **Microbiology culture lab equipment**

1. Analytical Balance
2. Autoclave
3. Bunsen burner
4. Centrifuge
5. Colony Counter
6. Deep Freezer
7. Homogenizer
8. Hot plate
9. Hot air oven
10. Incubator
11. Laminar Air Flow/ Laminar Hood
12. Magnetic Stirrer
13. Microscope
14. pH Meter
15. Spectrophotometer
16. Vortex Mixture/ Vortexer
17. Water Bath

### **Culture Media used in Microbiology**





1. **TWO HAND -IN-ONE CPR MANIKIN**



2. **INTRAMASCULAR INJECTION TRAINING MANIKIN**



3. **170 CM HUMAN SKELETON MODEL**



3. **BREAST EXAMINATION SIMULATOR**



## **5. HUMAN MUSCLES ANATOMY MODEL**



## **6. FEMALE CATHETERIZATION SIMULATOR**

## **7. INTRAVENOUS INJECTION SIMULATOR**

## **8. HUMAN TORSO MODEL**

## **9. FETALSCOPES**

## **10. VACUUM EXTRACTOR**

### **2. Books: Health**

- Anatomy and Physiology
- Fundamentals of Nursing
- Medical English
- Chemistry
- Cytology and Histology
- First Aid and Emergency Care
- Communication Skills
- Probability and Biostatistics
- Biochemistry
- Microbiology and Immunolog
- Fundamentals of Pathology
- Nutrition
- Medical and Surgical Nursing
- Obstetrics and Gynecology
- Introduction to Embryology
- Communicable
- Non-Communicable Diseases
- Epidemiology
- Health Education
- Clinical Leadership and Management
- Paediatric Nursing
- Community Nursing and Public Health
- Research Methodology
- Ophthalmology
- Community Medicine

- Forensic Medicine and Toxicology
- Introduction to Nutrition and Food Science
- Food Microbiology
- Pharmacology
- Dietetics
- Introduction to Environmental Health
- Food Processing and Preservation
- Nutritional Psychology
- Nutrition Assessment and Intervention
- Food Quality Assurance and Standards
- Public Health Policy
- Health Economic
- Occupational Health and Safety
- Global Health
- Haematology
- Parasitology and Entomology
- Histopathology
- Immunology and Serology