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. Photcopies-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

- **ST-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:





RPR:





Burcela reagent:





Widal Test: Test: HbV:





HbC:



HIV/IADS test: syphilis RDT:

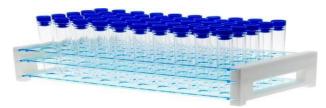
Glucose:







HBG:



Tests tubes:



test tubes:

Urine/stool







Giemsa stain:



centrifuge:



CPC machine:



Microscope:





Chemistry analyzer:









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



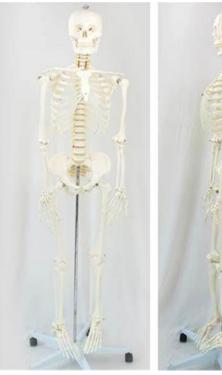
1. TWO HAND -IN-ONE CPR MANIKIN



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