

BASIC REQUIREMENT

BASIC REQUIREMENTS OF DIFFERENT REAGENTS, INSTRUMENTS AND GLASSWEARES IN LABORATORY

REAGENTS:

• Serum Cholesterol Kit (Wybenga Piliggi Method)

• Serum Bilirakis Kit (Malloy & Evelyn Method)

• W.B.C. Diluting fluid (Trucks Fluids)

• R.B.C.

• Diluting fluid (Heym's Fluid)

• Platelets Diluting Fluid (Reeseckers Fluid)

• Eosinophils Diluting Fluid (Hageman's solution)

• Leishman's Stain

• Reticulocyte Diluting Fluid (1% Brilliant Cresyle blue)

• N/10 Hydrochloric Acid, 3.8% Sodium Citrate

• Windrops Mixture

• Methyle Alkohole

• Normal Saline

• Distilled water

• Blood Grouping and Typing kit

• Cedar wood oil

• E.D.T.A. Solution

• 3% Glacial acitic acid

• Benedict's Qualitative Reagent

• 10% Barrium Chloride

• Sulphur Powder

• Beta Gravindex Kit for Pregnancy

• V.D.R.L. Kit

• Rheumatoid Arthtis Factor Kit

• Widal Test Kit

• Strong Carbol fishion

• 25% Sulphuric acid

• Gram's Iodine

• 1% Methylene blue

• Semen Diluting fluid

• Sprit

• Blood Glucose Kit (GOD & POD Method)

• Blood Urea Kit (DAM Method)

INSTRUMENT :-

→	Simple Microscope	(3)
→	Compound Microscope	(1)
→	Centrifuging Machine	(1)
→	Common Balance	(10)
→	Hot Air Oven	(1)
→	Auto Clave	(1)
→	Water Bath	(1)
→	Incubator	(1)
→	Esbach's Albuminometer	(1)
→	Shali's Haemoglobinometer	(1)
→	Urinometer	(4)
→	Newbour Counting Chember	(1)
→	Calorimeter	(1) of full size
→	Refrigerator	(1)
→	D.L.C.Counting Chember	(1)
→	Westergren Stand	(1)
→	Sprit Lamp	(2)
→	Stop Watch	(1)
→	Slide Stand	(1)
→	Needles	(100)
→	Syringe	(4 of 5 ml.)
		(4 of 2 ml.)
→	Sides of different tissues and Organs of Human Body	(25-30)
→	Test Tube Stands and Holders	(12)

APPARATUS:

→	Blue Star Glass Side Box	(1)
→	E.S.R. Pipetters (Westergrant)	(6)
→	Test Tubes	(20) of 10 ml.
		(20) of 30 ml.
		(10) of 25 ml.
→	Beekar	(4) of 100 ml.
		(2) of 150 ml.
→	Pipettes	(5) of 1 ml.
		(5) of 2 ml.
		(5) of 5 ml.
		(5) of 10 ml.
→	Conical Flask	(5) of 250 ml
		(5) of 500 ml
→	RBC Pipettes	(2)
→	WBC Pipettes	(2)
→	Shali's Pitettes	(6)
→	Patri's Dishes	(25)
→	Centrifuging Tubes	(20)
→	Turniquate	(2)
→	Capillary Tubes	(1 box)
→	Coverslips	(6 boxes)
→	Pasture Pipettes	(6 of different size)

- **Wintrops Tubes** (6)
- **Measuring Cylinders** (1) of 100ml.
(1) of 200 ml.
(1) of 500 ml.

- **Filter Paper** (2) boxes
- **Cotten** (2) Rolls
- **Glass Marking Pencils** (6)

Requirements for X-Ray : A good Machine of 100 M.A. is required preferably 300 M.A.

Requirements for E.C.G. : A good Machine of Electro Cardiology required.

Requirements for O.T. Technician : Auto Clave Machine. All Surgical & Vision box.
Refraction box.
Refraction mirror.

Requirement for Eye Dental Technician : Dental Chair and equipments are required.

Requirement for Plaster Technician : Facility of a good Orthopidician with apparatus is required.