

NON CLINICAL EQUIPMENT PROGRAMME

Anatomy	Table with marble for stainless steel tops 6'1" x 2' x3'	20	
	Tables with marble top or stainless steel, Half standard size.	5	
	Drill machine	3	
	Hand saw	4	
	Band saw for sectioning body and limbs	1	
	Stools, preferably metal	90	
	Brain knife	5	
	Mortuary cooler with arrangement to keep at least 8 bodies or suitable alternative arrangement.	1	
	Storage tank to hold 10 cadavers, made of concrete with copper lid.	1	
	Plastic tanks for storing soft and dissected parts.	10	
	Trolley Table (Steel, Light).	3	
	Projectors including overhead projectors	4	
	X-ray Viewing lobby.	4	
	Charts, Diagrams, Models, Slides etc.	lot	
	Dissecting instruments	lot	
	Meat cutting machine for thin body sections (trans and vertical) for gross anatomy sectional study	1	
	Instruments For Histology		
	Dissection microscope	5	
	Microtomes, rotary	2	
	Microtomes, Sledge, large cutting	1	
	Cabinet for slides (1000)	6	
	Incubators	1	
	Paraffin embedding bath	1	
	Hot plates for flattening sections	2	
	Hot air cover for drying slides (45°C)	1	
	Balance Analytical capacity 200 grms. and Sensitivity 1/10 mg.	1	
	Balance Earanger capacity 6 kilos Sensitivity, 1/5 gram	2	
	Refrigerators	2	
	Distilled water still menesty type capacity gallon per hour	2	
	Diamond pencils	4	
	7 colour marking pencils	2	
	Anatomy Museum		
	Skeletons articulated	7	
	Bones (Dis-articulated) sets	30	
	Specimen jars	100	
	Racks steel	25	
Embalming machines for cadavers	2		
Micelleanous	8%		

Biochemistry		1
	Fume cupboards	2
	Boiling Water baths, with lids having 8-12 Holes	6
	Autoclave electric	2
	Balance open pan	6
	Balance semi micro	2
	Balance micro	1
	Vortex mixers	2
	Urinometers	50
	Constant temperature water bath	4
	Incubator electric with thermostat	4
	Hot air oven	4
	Magnetic stirrer	2
	Pump vacuum	2
	Calorimeters	6
	Refrigerators	4
	Flame Photometer	2
	Thermometers 0-250°C	4
	Thermometers 0-110 °C	4
	Cork borer set	1
	Stop watch	4
	Spirit lamp	50
	Chromatographic chamber	2
	Water distillation plant (metallic)	3
	All glass distillation apparatus	3
	Desiccators large size	6
	Desiccators small size	6
	Centrifuge clinical for 12 tubes	6
	PH meters	3
	Homogeniser	3
	Microscopes	6
	Ultra Violet (U.V.) lamp	1
	Tools for small workshop for glass blowing and mending	1
	Bottle dispensers	15
Samplers (autopipettes) different volume range	15	
Electrophoresis apparatus with power supply for Paper PAGE AGAROSE	6	
Spectrophotometer	1	
Binocular research microscopes	2	
Glass ware as required by standard lab. Like pipettes, beakers and conical flasks, etc.	lot	

Physiology		1	
	Electric time makers, 100/sec.	10	
	Tuning fork, time marker, 100/sec.	10	
	Electrodes, X-blocks, burette clamps, enamel bowls brass uprights, coarse and fine adjustments basin, spirit lamps, cooper wire (double cotton covered) Kymograph paper etc.	lot	
	Mammalian Experiments		
	Large extension kymographs-Brodie- Starling complete with respiration pump, motor time marker manometer etc.	lot	
	Operation table	1	
	Volume recorders	8	
	Dale's bath for internal organ	30	
	Isolated Organs. Bath for students complete with liver etc.	40	
	Animal Weighing Machine, for small and big animals (for each)	1	
	Mary's Tambour	40	
	Venus and arterial canula (different sizes) (each)	40	
	Smoking outfit, with fume cupboard	1	
	Varnishing outfit, for long and short papers	1	
	Anaesthesia boxes.	5	
	Surgical instruments for operative procedures, syringes, pulleys, etc.	lot	
	Human & Other Experiments		
	Microscopes, Oil immersion	58	
	Demonstrations eye piece	4	
	Double Demonstration eye piece	4	
	Stage incubator	1	
	Wastergen's Pipettes for E.S.R. on Stand (with space pipettes)	40	
	Perimeter Priestly Smith S/LP.984 B & T	10	
	Haemoglobinometer, Sahil or hellige (with spaces)	40	
	Haemocytometers	40	
	Sphygmomanometer	15	
	Stethoscopes	20	
	Stethoscopes, Demonstration with Multiple ear pieces	4	
	Polygraphs	4	
Venus Pressure apparatus	2		
Spirometer, Ordinary	10		
Gas analysis apparatus, Haldane's students type	1		
Van Slyko's apparatus manometric	2		
Douglas bag, complete	6		

Physiology	Basal metabolism apparatusa	1
	Erogograph Mosse's	10
	Clinical thermometer	30
	Compas	10
	Thermanaesthesiometer	5
	Algometer	5
	Knee hammer	15
	Stethograph	15
	Bicycle ergometer	6
	Ophthalmoscope	2
	Schematic eye	4
	Perimeters, with charts	5
	Colour perception lantern Edridge Green	1
	Maddox rod	1
	Newtons colour wheel	1
	Tuning forks to test hearing 32-10,000 cps (sets)	4
	Dynamometer	2
	Otorhinolaryngoscope	5
	Steriliser Electric	2
	Instrument trolley	1
	Stop watches	10
	General	
	Physiograph, 3 channels, complete with accessories	2
	Physiograph, single channel, with accessories	8
	Centrifuge, high speed with technometer etc.	1
	Calorimeter, photo-electric	1
	pH meter, electric	1
	Refrigerator, 9-10c ft.	1
	Oxygen Cylinder with trolley	6
	Co cylinder with trolley	2
	Electronic stimulator	1
	Water distillation still, with spare heating elements	1
	All glass distillation apparatus double stage	1
Voltage stabilizer	3	
Stepdown transformers	1	
Thermometers, balances, microslides and glassware	lot	
	1	
Microbiology		
Incubators, electrical (large) 37 degree Celsius	5	
Autoclave	3	
Hot air steriliser	3	
Arnolds steriliser	3	

Microbiology	Serum inspissators	2
	Balance, Chemical	2
	Lovibond comparators	1
	Flasks flat bottom 50 cc.	10
	Microscope oil-immersion moveable stage Abbe, condenser etc.	80
	Microscope, dark ground work with arc lamp arrangement etc.	1
	Refrigerators	3
	Micrometer eye pieces	2
	Micrometer stage	2
	Centrifuge, electrical high power	3
	Refrigerated centrifuge	1
	Distilled water plant	2
	Distilled water plant all glass	1
	Oil immersion lens for students microscope.	80
	Dropping bottles for stains (Plastic)	750
	Staining troughs	100
	Anaerobic apparatus	4
	Electrophoresis complete set	1
	B.O.D. incubator	2
	Laminar flow table	1
	Ultra Violet (U.V.) Lamps	1
	Venereal Diseases Research Laboratory (V.D.R.L.) shaker	2
	Computer unit	1
	Overhead Projector	1
	Water bath (Serological) 37 degree Celsius	1
	Water bath (Serological) 56 degree Celsius	1
	Deep freeze (-20 degree Celsius)	1
	Elisa Reader, dispenser and washer	1
	Binocular microscope	3
	<u>Culture facilities</u>	
	Thermometers (Assorted)	12
	Incubators, electrical (large) 37 degree Celsius	2
	Hot air steriliser	1
Laminar flow table	2	
Glassware, such as pipettes burettes, beakers, conical flasks, petri dishes of different sizes, reagent bottles etc.	lot	
Miscellaneous	8%	
	1	
Pathology	Morbid Histology and Morbid Anatomy Sections	
	Weighing machine for cadavers	1
	Rotary Microtome	2
	Freezing Microtome with a stand for carbondioxide cylinder	1

Pathology

Hot plates	2
Hot air (50 degree Celsius) for special staining	2
Paraffin embedding bath (Ordinary)	2
Electric vacuum embedding baths if Histo Kinetite is not available.	2
Autoclave electric	2
Distilled water still	1
Water bath 57 degree Celsius	1
Rectangular water bath	1
Centrifuge machine electric Rotofix	1
Colorimeter Photoelectric Klett.	1
Cabinet for 1000 slides	lot
Band saw	1
Autopsy tables	2
Automatic tissue processor, Histokinmettee or similar, complete.	1
Staining racks for staining in bulk	15
Troughs for staining in bulk	18
Coplin jars	24
Water bath electric (Tissue Floatation	2
Balance, Chemical with weights	2
Microscopes, Monocular, with double nose piece, High power objective 2 eye-pieces, mechanical stage and condensor	90
Oil immersion lens for above	90
Polarising attachments for microscopes	1
Micrometers, ocular	1
Demonstration eye pieces	6
Magnifying lens	6
Blood pressure instrument	2
Micrometer stage	2
Hot plat electric	2
Laboratory Counter nine keys clay Adams	8
Laboratory stirrer	1
Automatic timer	2
Balance for weighing organs	1
Saws, wire for cutting bones	1
Slide boxes for 100 slides for students	200
Drill for boring glass	2
Blow piece with bellows for bending glass	2
Microphotographic apparatus	1
X-ray viewing box	2
Double Demonstration Eye piece	4
Microprojection apparatus	2

	Box weight analytical	2
	Stop watch reading at 1/5 second.	6
	Ultraviolet lamp.	1
	pH Meter electric.	1
	Microscope, Binocular, research.	1
	Paper Electrophoresis apparatus vertical	1
	Paper electrophoresis apparatus, horizontal	1
	Water still electric	1
	2 x 2 slide Projector.	3
	Overhead projector	1
	Museum jars.	lot
	Surgical instruments.	1
	Dark room lamp, developing troughs Chemicals etc. for photo artist	1
	Glassware, stains, chemicals reagents etc. for Histological work.	lot
	Clinical Laboratory:	
	Microscope high power with oil immersion lens moveable stage and condensor for the routine microscope work.	15
	PH meter, with ultra micro blood PH electrodes and Electrical Contrifuge One higher power contrifuge for serological works, one for haematological work and one other	3
	Incubator	1
	Haemacytometers with red and white pipettes	90
	Haemoglobinometers, Sahili'type	90
	Sedimentation apparatus-one wester green and one wintrobole	2
	Syringes disposable one set from 10 cc to 2cc	30
	Staining jars for slides.	12
	Urinometers	9
	Albuminometers, esbachs & Aufrech's type	2
	Urine Glasset (Conical)	12
	Water baths with lids and holes thereon for holding test tubes etc.	3
	Pipettes of various sizes, graduated sets, Reagent bottles, Dropping bottles 4 ounce ,Reagents	lot
	Balances-(1) Sensitive balance	2
	(2) Chemical balance with weight boxes	2
		1
Forensic science	Weighing machine, dial type human	2
	Equipment for reporting height	2
	Balance chemical	1
	Balance, single pair for weighing foetus	1
	Weighing machine for organs	2
	Folding metal scale to measure upto 7 ft.	1
	Steel tape roll	2
	Warnier calipers	1

	Autopsy table	2
	Styker autopsy saw, with accessories	3
	Hacksaw	4
	Dissection sets, consisting of cartilage knife bone cutting forceps scissors, straight and curved Enterotome Scaples, knives with spare blades, probe metal scale graduated in cms. Etc.	4
	Viscerotome with attachment for illumination (Battery operated)	1
	SLR camera with accessories	1
	Microscope student type	30
	Microscope Binocular, research	4
	Stopwatch	2
	X'ray view box one in four	5
	View Box Two in one	4
	B.P. Apparatus	5
	Anthropometric set	1
	Automatic tissue processing machine	1
	Microtome with knife	1
	Hot plates	1
	L.Modes	16
	Leather Strops	2
	Parafin Bath Embedding	1
	Slide Warming Table	1
	Stone Carbarandon	2
	Water bath (Tissue Flowing)	1
	Distillation plant	1
	Brain knife	8
	Black Holder	50
	Digital Spectrometer	1
	Digital PH meter	1
	Electric Auto slide projector	1
	Glass cutting Pencil	1
	Hand Set heat Sealer	1
	Spectroscope Lens with adjustable slit	2
	Refrigerator	1
	Cold Storage for keeping dead bodies	1
	Deep freezer for keeping tissues	1
	Video Camera, Television and Video Cassette Recorder	1 Each
		1
Pharmacology	Experiemental Pharmacology	
	Starling's long extension kymographs with time markers.	3
	The ideal Respiration Pump (500 cc. CAP.)	3
	Brodi's operation tables	3

Pharmacology

Incubators	2
Refrigerators	2
Assembly perfusion apparatus for mammalian heart	4
Assembly for mammalian classes	4
Automatic electric recording drums	4
Gadum's out-flow recorder	2
Centrifuge.	2
Colorimeters	3
Canulas (different types)	48
Cautery machine, electric Blendsone	1
Varnishing Tray with foot lever	2
Four Unit isolated organ bath palmer F.67	1
Analgesiometer	1
Smoking Burners Palmer A-291 and A-265	1
Tracheal Canula Metal Palmer E.76	4
Condons Drop Recorder – Palmer B-75	1
Prof.Inchleys Drop Recorder-Palmer B.78	1
Animal weighing	
a) Machine for small animals like rats and guinea pig	3
b) Machine for big animals like dogs	3
Dissection instruments and injection syringes As required	Lot
Kymograph (students) Electric independent unit	150
Electric Motor ¼ with split pulleys	2
Shafting steel rod ¾" diameter and 18" long	8
Standard Shafting and fittings	40
Pulleys	30
Plain stand	150
Apparatus for isolated rabbit intestine etc.	150
Frog Boards Palmer c. 120	150
Hair Aesthesiometer-Palmer W.290	3
Long Extension for paper palmer A-130	2
Animal Balance Tripple Beam	2
Manometers mercury Palmer C-200	6
Metronome Palmer B-5	2
Oncometer Kidney	2
Copper Trays (10"x8"x1")	150
Thermometer (upto 110 degree Celsius)	150
Distillation apparatus	6
Microscopes ordinary	4
Working tables with racks each table 36' long	9

Pharmacology

Chemical Balance-ordinary Apothecary's	2
Chemical Balance-Sensitive	2
Dissection instrument	lot
Pneumograph Palmer E	1
Piston Recorder Palmer C.51	1
Tambours mareys Palmer C.5 & C.11	4
Tetanus Set Palmer H2O	1
Oxygen Cylinders with Trolleys 20 cu.ft	6
Carbon-di-oxide cylinder	2
Operating lamps	4
Animal trolley with 12 cages	4
Miscellaneous:	
Electrodes, Ordinary and non polarisable, insulated wires,time markers, electric signals, Mercury manometer, perfusion apparatus, myograph lever, small pulley's upright stands and chemicals etc.	lot
Pharmacy Laboratory:	
Dispensing Balance with metric system weights	50
Pill Tiles	50
Suppository moulds	50
Procelain dishes	15
Crucibles with tongs	15
Pestle and Mortar	50
Iron Spatula	50
Measure glass all sizes	50
Water bath, metal	15
Special Chemical and pharmacology Equipment	
Stimulator Electronic Arthus Thomas	1
Balance Semi micro Analytical Pan Mottler	1
Electrocardiograph	1
Spectrophotometer (UV Visible range)	1
Antihistamine Chamber with manometer	1
Flame photometer	1
Stop clock	18
Water bath 4 hole electrically heated	12
Bell jars Assorted	4
Petri dishes assorted	36
Museum drugs specimen jars	30
All glass distillation apparatus cap.2 litres	2
Centrifuge Electric international R.P.M. 3000	4

Pharmacology	Microscope students type with mechanical stage and oil immersion	4
	Microscope lamps	4
	Magnetic stirrer B.T.L.	1
	Autoclave electric	1
	Hot air oven size 14"x14"x14"	1
	Incubator Electric Size 14"x14"x14"	1
	Vacuum & Pressure Pump Cenco	2
	Instruments Sterilliser Electric size 12" x 8"x6"	3
	B.P. Apparatus	12
	Distilled water still Manesty Electrical Cap.2 gallon per hour	2
	Stethoscope	12
	Multimeter	1
	Temperature controlled water bath 37 0 C	1
	Razor Hone	2
	Electric Hot Plate	2
	Deionizer-two of capacity 20 litres per hour and 6 litres per hour (mixed bed type) connected in series	1
	Physiographs with Transducers and other relevant accessories (may substitute kymographs)	60
	Vortex mixer	2
	Actophotometer	1
	Rotarod Assembly	1
	Electro-Convulsimeter	1
	Cook's Pole Climbing Apparatus	1
	Digital pH meter	1
	Tablet Disintegration Machine Glass tubing (length of 6 ft.)	1
	Glass rods-assorted sizes of 6 ft.	150
	Holder for platinum wireloop	160
	Magnifying glass with metal handle	80
	Postmortem instruments sets complete	2
	Suction pumps	1
	Colony counter	1
	Phase contrast Microscope	1
	Vortex mixer	1
	Electronic Balance	1
Flourescent Microscope	1	
	1	
Community medicine	Extraction Apoparatus, fat, complete	1
	Filter, berke fed	1
	Hydrometres, Spirit	3
	Hydrometres, milk	3
	Hydrometers, wet and dry BULB	1

Incubator, electric	1
Museum jars	50
Models, charts, diagrams etc.	lot
Balance Analytical 200 gm	3
Balance for weighing food stuff Capacity 2 Kg.	1
Centrifuge clinical	1
Weighing machine adult	4
Salters Baby weighing machine	4
Harpenders Callipers (for skinfold thickness)	2
Height measuring stand	1
Aqua guard	1
Refrigerator 9 cu.ft.	1
Ice Lined Refrigerator (I.L.R.)	1
Dissecting microscope	20
Microscope oil immersion	3
T.V., DVD.	1 Each
Still for distilled water	1
Autoclave	1
Sterilizers, electric	2
Computer	1
Over Head Projector	1

Vehicle		
Item		Qty
Critical Care Ambulance		2
Ambulance		4
Staff Car		5
Bus for Students		2