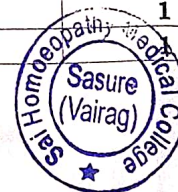


List of Instruments in Department of Human Physiology & Biochemistry Physiology

Details	Requirement as per MSE 2024	Available
Medical microscope with oil immersion	25	25
Equipment for Erythrocyte sedimentation rate estimation or westergren's pipette for Erythrocyte sedimentation rate on stand	25 (with sparepipettes)	25
Haematocrit tubes	35	35
Sahli's haemoglobinometer	35	38
Sphygmomanometer	25	35
Stethoscope	25	24
Clinical thermometer (digital or mercury)	25	25
Knee Hammer	25	25
Tuning forks to test hearing (32-10000hzs)	1 set	1 set
Electrocardiograph (ECG machine)	1	0
Electronic stop watches 1/10 sec.	4	4
Glass distillation (double) apparatus	1	1
Centrifuge		2



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Colorimeter (photo electric)	2	2
Ph meter electric	2	2
Color perception lantern (edridge green)	1	1
Educational compact disc, digital video disc, films, slides, models with audio visual aids	as required	as required
Perimeter	1	3
Spirometer	1	1
Tonometer	1	1
Handgrip dynamometer	1	1
Bicycle ergometer	1	1

Biochemistry

Details	Requirement as per MSE 2024	Available
Electronic or monopan balance	1	3
Centrifuge	1	1
Balance, Chemical or ordinary	1	1
Water baths	1	
Urinometer	25	50
Chemicals:		
a. Iodine	As required	
b. Ammonium oxalate		



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c. Barium Chloride		
d. Silver nitrate		
e. Sodium Hydroxide		
f. Mercuric sulphate		
g. Salicylic acid		
Hydrometer (0.700 to 1.00)	As required	
Albuminometers	2	2
Glucometer	10	10
Thermometer	10	10
Colorimeter	10	10
Hot air oven 14x14x14 (electric)	1	1
	1	1
Glass ware like pipette, beakers, burettes, wire gouge with asbestos, center hot plate, stove, syringes, burners, rubber tubing stand	As required	7
clamps, flash etc.	As required	
Ph (Pontential of hydrogen) meter	1	1
Binocular research microscope	2	1
Stethoscope : demonstration with multiple pieces	2	
Ophthalmoscope	1	1
Otorhinolaryngoscope	1	
Revolving stools, metal	45	




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