

SOPHIA HOMOEOPATHIC MEDICAL COLLEGE & RESEARCH INSTITUTE

(Run under Swastik Educational & Social Welfare Society - Reg. No. 4886/97)

• Recognised by Central Council of Homoeopathy, New Delhi • Deptt. of Medical Education, Govt. of M.P.
• Affiliated to Madhya Pradesh Medical University Jabalpur

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Opp. R.I. Training Institute
Mahal Gaon, City Centre
Gwalior-474 002

Ref. No.

Date.....

DEPARTMENT OF PHYSIOLOGY & BIOCHEMISTRY

S. No.	Items	Required	Available
1	<i>For human experiments:</i>		
1	Medical Microscope	25	25
2	Equipment for ESR estimation/ Westergren's pipette for ESR on stand	25 (with spare pipettes)	25/38
3	Haematocrit tubes	30 (with spares)	30
4	Auto Analyzer or Semi Auto Analyzer	01	01
5	Haemoglobinometer(Sahli)	25(with spare)	33
6	Haemocytometer	25(with spare)	25
7	Sphygmomanometer	25	25
8	Stethoscope	25	25
9	Clinical thermometer (Digital)	25	25
10	Knee hammer	25	25
11	Tuning forks to test hearing (32-10000 hzs)	01 set	01 set
12	Stethographs or pneumographs	05	05
13	Electrocardiograph (ECG Machine)	01	01
14	Electronic Stop Watches (1/10 sec.)	04	04
15	Glass Distillation (double) apparatus	01	01
16	Centrifuge (Medium speed)	02	02
17	Colorimeter (photo electric)	02	02
18	pH Meter (electric)	01	01
19	Colour perception lantern (Edridge Green)	01	01 set
20	Incubator	01	02
21	Educational CD	As required	01
	DVD	As required	01
	Films	As required	16
	Slides	As required	50
	Models	As required	10
	Audio Visual Aids	As required	01
22	Perimeter	03	03
23	Spirometer	01	01
24	Tonometer	01	02
25	Handgrip dynamometer	01	01
26	Bicycle Ergometer	01	01
	Facility for Animal Experiments demonstration with the help of Audio-visual Aids.		Available
2	Number of additional items available		Color Blindness Chart- 01,

3	Biochemistry			
	1	Electronic/Monopan Balance	01	01
	2	Centrifuge	01	01
	3	Balance, chemical/ordinary	02	02
	4	Water baths	02	02
	5	Urinometer	25	25
	6	Hydrometer (0.700 to 1.00)	02	02
	7	Albuminometers	10	10
	8	Glucometer	10	10
	9	Thermometer	10	10
	10	Colorimeter	01	01
	11	Hot air oven 14"x14"x14" (Electric)	01	01
	12	Double Distillation apparatus (Glass)	01	01
	13	Centrifuge, medium speed (electric)	01	01
	14	Glass ware like	As required	Available
	Pipette,	35		
	Beakers,	37		
	Burettes,	07		
	Wire gauze with asbestos	As required	22	
	Centre hot plate	As required	01	
	Stove	As required	01	
	Syringes	As required	70	
	Burners	As required	25	
	Rubber tubing	As required	01	
	Stands Clamps	As required	07	
	Flask	As required	38	
15	pH meter	01	01	
4	Number of additional items available			33
5	Total number of Charts			65
6	Whether the Laboratories for Physiology & Biochemistry are separate			Yes