

SCHEDULE IX

Minimum Essential Requirements for Department of Dravyaguna

Serial number	Standard	Requirements as per intake capacity				Available Quantity	Deficiency
		60	100	150	200		
1.	Computer with internet	1	1	1	1	1	
2.	Printer	1	1	1	1	1	
3.	Electronic-Display (smart board or smart television or lighting diodes display)	1	1	2	2	1	
Dravyaguna Laboratory Museum cum Herbarium							
4.	Microscope (trinocular with digital camera, including software for projection through liquid crystal display or smart board or smart television for demonstration of histology and others)	1	1	2	2	1	
5.	Microscope [binocular with eyepiece (wide field), objectives (10x, 40x spring loaded, 100x oil immersion spring loaded) built-in illumination]	5	10	15	20	5	
6.	Dissecting microscope	5	10	15	20	5	
7.	Magnification lens with light	5	10	15	20	5	
8.	Dissection box	5	10	15	20	5	
9.	Digital weighing scale (upto 10 grams with accuracy 0.001 miligram)	2	3	4	5	2	
10.	Digital weighing scale (10-100 grams with accuracy 0.001 gram)	2	3	4	5	2	
11.	Thin layer chromatography kit with thin layer chromatography applicator, thin layer chromatography platform, atomizer, glass plate thin layer chromatography chamber and thin layer chromatography scale	1	1	2	2	1	
12.	Hot air oven	1	1	2	2	1	
13.	Muffle furnace	1	1	2	2	1	
14.	Digital pH (per Hydrogen Ion Concentration) Meter	1	1	2	2	1	
15.	Ostwald viscometer	5	10	15	20	5	
16.	Pycnometer or specific gravity bottle	5	10	15	20	5	
17.	Soxhlet's extraction apparatus	1	1	2	2	1	
18.	Heating mantle (250, 500 and 1000 millilitre)	One each		Two each		1	
19.	Bunsen burner or electric gas burner	10	15	20	25	10	
20.	Enamel trays	10	15	20	25	10	
21.	Water bath (rectangular)	1	1	2	2	1	
22.	Ultraviolet-cabinet	1	1	2	2	1	
23.	Desiccator	1	1	2	2	1	
Labwares							
24.	Dropper	Assorted				Available	
25.	Needle					Available	

Signature of Member

Signature of Member

Signature of Chairman

26.	Sharprazorblades		Available	
27.	Pipeclaytriangles		Available	
28.	Wiremesh		Available	
29.	Testtubeholders		Available	
30.	Reagentbottles		Available	
31.	Testtubestands		Available	
32.	Tripodstand		Available	
33.	Pairsoftong		Available	
Glasswareandconsumables				
34.	Testtubes	Assorted	Available	
35.	Thinlayerchromatographyplates20x20cm(prec oated)		Available	
36.	Evaporatingdish		Available	
37.	Silicacrucible		Available	
38.	Beakerstwowhundred millilitre		Available	
39.	Glassrods		Available	
40.	Conicalflaskstwowhundredfiftymillilitre		Available	
41.	Glassfunnels		Available	
42.	Chemicals		Available	
43.	Safranin		Available	
44.	Lightgreen		Available	
45.	Sudanred-III		Available	
46.	Glycerine		Available	
47.	Dragendorff's reagent		Available	
48.	Millon's reagent		Available	
49.	Wagner's reagent		Available	
50.	Benedict's solution		Available	
51.	Fehling's solution		Available	
52.	Iodinesolution		Available	
53.	Methanol		Available	
54.	Distilledwater		Available	
55.	Ethanol		Available	
56.	Hydrochloricacid		Available	
57.	Sulphuricacid		Available	
58.	Chloroform		Available	
59.	Phloroglucinol		Available	
60.	Aceticacid		Available	
61.	Ferricchloride		Available	
62.	Potassiumiodide		Available	
63.	Magnesiumturnings		Available	
64.	Ethylacetate		Available	
65.	Toluene		Available	
66.	SilicagelGF-254		Available	
67.	Blottingorfilterpapers		Available	
68.	Microscopeslidesandcoverslips	Available		