

SCHEDULE IX

Minimum Essential Requirements for Department of Dravyaguna

Serial number	Standard	Requirements per intake capacity				Available Quantity	Defi
		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		One each	
19.	Bunsen burner electric or 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				Assorted	
25.	Needle						

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