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No.5/1, General Collins Road, Choolai, Chennai-112.

UNIVERSITY OF MADRAS: B.Sc. DEGREE COURSE IN CHEMISTRY & ALLIED CHEMISTRY SYLLABUS WITH EFFECT FROM 2020-2021

Chemistry Laboratory - Non Consumables Items

DSC03 & CSAP1 : CORE-III: CORE PRACTICAL – I (List of equipment for Major Chemistry & Allied Lab for First Year only)

S.No.	Name of the Equipments and Glassware	Quantity Required		
1	Burette 50ml	40		
2	Beaker (1 litre glass)	3		
3	Beaker (1 litre plastic)	3		
4	Beaker (100 ml)	30		
5	Beaker (250 ml)	10		
6	Beaker (500 ml)	5		
7	Boiling tube	30		
8	Bunsen burners	30		
9	Burette stand with clamp Iron	30		
10	Burette(50ml) glass	30		

11	Conical flask 250 ml – Borosil	80		
12	Copper coated Water bath 5"	30		
13	Dropper	40		
14	Dropping bottle(125ml) plastic	10		
15	Funnel small(5/7.5 cm)	40		
16	Funnel big size	5		
17	Funnel medium	10		
18	Glass rod	40		
19	Iodine flask (250ml)	10		
20	Measuring jar (100 ml glass)	30		
21	Measuring jar (10 ml glass)	10		
22	Measuring jar (1lit plastic)	3		
23	Measuring jar (25 ml glass)	10		
24	Measuring jar (500 ml plastic)	5		
25	Measuring jar (50 ml glass)	10		
26	Pipette Bulb (Rubber)	40		
27	Pipette Gradual (10ml)	5		
28	Pipette Gradual (5ml)	5		
29	Pipette(20ml)	60		
30	Procelian tiles	30		
31	Reagent bottle (125ml)	30		
32	Reagent bottle (250ml brown)	5		
33	Reagent bottle (250ml)	30		
34	Reagent bottle (500ml)	30		
35	Reagent bottle (60ml)	30		
36	Reagent storage can (10lit)	5		
37	Reagent storage can (15lit)	5		
38	Reagent storage can (20lit)	3		
39	Reagent storage can (5lit)	5		
40	Spatula Nickel	30		
41	Spatula semi	10		

42	Std .flask(1000ml)	3		
43	Std .flask(100ml)	40		
44	Std .flask(250ml)	40		
45	Std .flask(500ml)	2		
46	Test tube Borosil	400		
47	Test tube cleaning brush	40		
48	Test tube holder	30		
49	Test tube stand (plastic)	30		
50	Tri pod stand 8"x4"	30		
51	Wash bottle 500 ml PVC	30		
52	Watch glass 4 inch	40		
53	Weighing bottle with stopper 15ml	30		
54	Ordinary filter paper	100		
55	Wire gauge	30		
56	Electronic balance (3digit)	1		
	Capacity: 210 gm, Accuracy : 0.001 gm			
57	Chemical weighing balance	1		
	Capacity : 200 gm			
	Sensitivity : 0.2 mg			
58	Weighing box	1		
59	Gravimetric Weighing box	1		
60	First aid kit	1		