

Standard List of Science Laboratory Equipment, Glassware & Chemicals for Lower Secondary School

Glassware

Sl. #	Items	Qty.
1	Bell jar, round bottom, edge ground (200x350)	1 nos.
2	Beakers:	
	50 ml	10 nos.
	100ml	10 nos.
	250 ml	10 nos.
	500 ml	10 nos.
3	Beakers PP Autoclavable (plastic) -	
	50 ml	10 nos.
	100ml	10 nos.
	250 ml	10 nos.
	500 ml	10 nos.
4	Boiling tube	6 nos.
5	Burette (50ml) - straight bore stopcock, accuracy as per Class A of I.S. 1997: 1982, with work certificate	2 nos.
6	Conical flask (100ml)	4 nos.
7	Cover slip	1 pkt
8	Distillation flask, with side arm (vensil, 100ml)	2 nos.
9	Flat bottom flask (250ml)	4 nos.
10	Funnel- Plain, 60° (100mm)	10 nos.
11	Gas jar with cover (small)	4 nos.
12	Glass beads	500g
13	Glass rod (8mm)	1 kg
14	Glass slab (7.2 x 5.2 x 1.8cm)	6 nos.
15	Glass tube (8mm)	1 kg
16	Liebig condenser (vensil, 100ml)	2 nos.
17	Measuring cylinder:	
	50 ml	5 nos.
	100 ml	5 nos.
	200 ml	5 nos.
18	Microscope glass slide	2 pkts
19	Petri dish 100 x 17	10 nos.
20	Pipette (10ml)	6 nos.
21	Reagent bottle with lids amber	6 nos.

Standard List of Science Laboratory Equipment, Glassware & Chemicals for Lower Secondary School

22	Round bottom flask (100ml)	3 nos.
23	Separating funnel (250ml)	2 nos.
24	Specific gravity bottle	2 nos.
25	Test tube:	
	15 mm x 125 mm	200 nos.
	25 mm x 150 mm	200 nos.
26	Thistle funnel (small)	4 nos.
27	Trough glass	4 nos.
28	Wash bottle (500ml)	10 nos.
29	Watch glass (75mm)	20 nos.