

LAFEY GIRLS SECONDARY SCHOOL

LABORATORY EQUIPMENT

NO.	Apparatus/chemical	unit	Qty
1	Test-tube holders	pc	100
2	Test tubes	pc	500
3	Measuring cylinder 10 ml-glass	pc	40
4	Measuring cylinder 10 ml---plastic	pc	40
5	Measuring cylinder 100 ml glass	pc	30
6	Measuring cylinder 100 ml plastic	pc	30
7	Glass Beaker 100 ml glass	pc	100
8	Glass Beaker 250 ml glass	pc	40
9	Volumetric flask 250 ml	pc	100
10	Volumetric flask 500 ml	pc	10
11	Volumetric flask 1000 ml	pc	8
12	Volumetric flask 2000 ml	pc	6
13	Volumetric flask 5000 ml	pc	2
14	Portable Bunsen burners	pc	20
15	Gas cartridges for portable bunsen burners	pc	10
16	Cork Borer	set	1
17	Liebig's condenser	pc	10
18	Thermometer (mercury) (-10 t 110°)	pc	100
19	Beaker 100 ml plastic	pc	80
20	Beaker 250 ml plastic	pc	40
21	Glass beaker 500 ml glass	pc	10
22	Beaker 500 ml plastic	pc	10
23	Beaker 1000 ml plastic	pc	8
24	Glass beaker 1000 ml	pc	8
25	Filter funnel plastic(small size)	pc	30
26	Filter funnel GLASS(small size)	pc	30
27	Filter papers whatman (original)	pkt	5
28	Stirring rod(glass with blade head)	pc	40
29	Watch glass	pc	20
30	Conical flask 100 ml	pc	10
31	Conical flask 250 ml	pc	100
32	Round bottomed flask 250ml	pc	5
33	Flat-bottomed flask 250ml	pc	5
34	Evaporating dish	pc	20
35	Crucible	pc	10
36	Pestle and mortar 4''	pc	15
37	Pipe clay (ceramic) triangle	pc	4
38	Tripod stand	pc	30
39	Wire gauze	pc	30
40	Clamp and stand(complete)-metallic and short	pc	50
41	Clamps(metallic)	pc	20
42	Bosshead(metallic)	pc	20
43	Deflagrating spoon	pc	5
44	Spatula(stainless steel)	pc	50
45	Tongs	pc	6
46	Separating funnel	pc	6
47	Thistle funnel	pc	5

48	Thistle funnel with a tap	pc	5
49	Wash bottle 250ml	pc	40
50	Wash bottle 500ml	pc	15
51	Dropping funnel	pc	4
52	Dropping funnel with tap	pc	4
53	Test tube rack (wooden) with 6 holes	pc	30
54	Teat pipette(dropper) glass	pc	50
55	Teat pipette(dropper) plastic	pc	50
56	Burette 50ml	pc	50
57	Pipette 25ml	pc	50
58	Gas jar with lid	pc	5
59	Trough (glass)	pc	2
60	Reagent bottles glass clear- china 125ml	pc	30
61	Reagent bottles glass amber 125ml	pc	30
62	Desiccator	pc	1
63	Stop watches digital	pc	50
64	Electronic balance digital 0.01	pc	2
65	Electronic balance digital 0.1	pc	1
66	Bee-hive shelf	pc	4
67	U-tube glass	pc	5
68	Wooden splint	pkt	4
69	Syringe	pc	10
70	Rubber tubing	mtr	4
71	Delivery tubes small(glass)	kg	2
72	Delivery tubes large(glass)	kg	2
73	Combustion tube 12''x1''	pc	5
74	Retort flask	pc	3
75	Boiling tubes 24 x 150mm	pc	100
76	Silica tube	pc	5
77	Cotton wool	roll	2
78	Steel wool	pc	2
79	Rubber stopper for conical flask 250ml) with two holes	pc	30
80	Rubber stopper for conical flask 250ml) with one hole	pc	30
81	Fine copper wire	roll	1
82	Rubber stopper for boiling tubes with one hole	pc	30
83	Rubber stopper for test-tubes	pc	50
84	Blue and red litmus paper	pkt	6
85	Filter pump	pc	1
86	Cobalt chloride paper	pkt	2
87	Sodium chloride model	pc	5
88	Platinum wire per inch	inch	4
89	Nichrome wire	roll	1
90	Zinc powder	1x500g	1
91	Zinc granules	1x500g	1
92	Magnesium powder 100g	1x100g	1
93	Conc.Hydrochloric acid 2.5ltr	1 x 4lit	2
94	Conc.Sulphuric acid 2.5ltr	1 x 4lit	2
95	Conc.Nitric acid 2.5ltr	1 x 4lit	1
96	Barium chloride	500g x1	1
97	Sodium hydroxide	500g x3	3

98	Conc. Ammonia solution	2.5lit x3	3
99	Universal indicator paper(Johnson)	pkt	4
100	Universal indicator solution 500ml	500ml x 1	1
101	Universal PH chart(1-14)	pc	50
102	Zinc oxide	500g x1	1
103	Magnesium oxide	500 x 1	1
104	Copper (II) oxide 100g	100g x2	2
105	Potassium manganate (VII)	500g x 2	2
106	Potassium dichromate (VI)	500g x 1	1
107	Bromine water(in amber bottle) ltr	1litre x 1	1
108	Ethanol	2.5 lit x 4	20
109	Ethanoic acid 2.5ltr	1litre x 1	1
110	Propanone 2.5ltr	2.5 litx 3	3
111	Oxalic acid 500g	500g x 1	1
112	Iron filings 500g	500g x 1	1
113	Calcium oxide	500g x1	1
114	Magnesium ribbon	roll	4
115	Copper turnings 250g	250g x1	1
116	Calcium powder 100gm	100g x1	1
117	Calcium granules 100g	100gx1	1
118	Sodium metal 25g	25g x3	3
119	Sodium chloride	500g x 1	1
120			
121	Phenolphthalein indicator 500ml	500mlx2	2
122	Bromothymol blue indicator 500ml	500ml x 1	1
123	Bar magnet	pc	10
124	Cotton thread	roll	2
125	Wooden stand	pc	6
126	Aluminium strip(plate)	pc	5
127	Carbon rod	pc	5
128	Magnetic needle	pc	8
129	Iodine crystals 100g	100g x 1	1
130	Iodine solution ltr	1litre x 1	1
131	Sulphur powder 500g	500g x1	1
132	Phosphorus 100g	100g x 1	1
133	Crocodile clips	pkt	2
134	Fractionating column	pc	3
135	Aluminium foil	roll	3
136	Methyl orange indicator 500ml	500ml x 2	2
137	Tape measure carpenter's 50mtrs	roll	2
138	Spring balance	pc	15
139	Convex mirror	pc	10
140	Concave mirror	pc	10
141	Plane mirror	pc	10
142	Rheostat	pc	4
143	Switch	pc	5
144	Hand lens	pc	30
145	Smoke cell	pc	20
146	Ball and ring apparatus	pc	5
147	Brass-iron bimetallic strip	pc	8
148	Six's Maximum and minimum thermometer	pc	5
149	Bimetallic thermometer	pc	5

150	Pin hole camera	pc	5
151	Polysterene ball coated with aluminium paint	pc	10
152	Silk thread	pc	3
153	Glass rod	pc	10
154	Polythene rod	pc	10
155	Gold-leaf electroscope	pc	2
156	Torch bulbs 2.5v ,2.8v	pc	30
157	Cell holders (2 dry cell holders)	pc	15
158	Cell holder (4 dry cell holders)	pc	8
159	Voltmeter (0-5V)	pc	8
160	Voltmeter (0-2.5V)	pc	8
161	Ammeter (0-5A)	pc	8
162	Ammeter (0-2.5A)	pc	7
163	Eureka can	pc	5
164	Beam balance	pc	10
165	Density bottle	pc	30
166	Lead powder 500gm	500gx1	10
167	Electronic balance(top pan 0.1g-200g)	pc	10
168	spiral spring with pointers small 1"	pc	20
169	Spiral springs big with pointers 3"	pc	20
170	Starch powder indicator	1x500g	1
171	Metal cubes	pc	10
172	Ball bearings	pkt	4
173	Glycerin 2.5ltr	2.5litx 1	10
174	masses 5g	pc	30
175	masses 10g	pc	20
176	masses 20g	pc	20
177	masses 50g	pc	20
178	masses 100g	pc	20
179	Masses 200g	pc	20
180	Optical pins	pkt	20
181	Soft boards	pc	50
182	Round bottomed flask with holes of same diameter drilled along same level	pc	4
183	syringes 20ml	pc	10
184	Syringes 10ml	pc	10
185	Test-tube brushes	pc	40
186	Dropper bottle(eye drop)-plastic(20ml)	pc	40
187	Electrodes plates(copper,zinc,carbon,lead) each 2	pc	15
188	Electrodes rods(copper,zinc,carbon,lead) each 2	pc	15
189	Pipette filler 3 way	pc	50
190	Porcelain boats pcs	pc	5
191	Plotting compass	pc	6
192	Drawing board	pc	3
193	Horse- shoe magnet	pc	15
194	Solenoid	pc	4
195	Battery	pr	5
196	Vernier calipers	pc	10
197	Micrometer screw gauge	pc	10
198	Metre rule	pc	15

199	Half metre	pc	10
200	Tape measure tailor's 1mtr	roll	3
201	Tape measure surveyor's 100mtrs	roll	2