

RVS COLLEGE OF EDUCATION - DINDIGUL

PHYSICAL SCIENCE

LABORATORY EQUIPMENT

CHEMISTRY SOLUTION AND SALT:

S.NO	IDEM	QUANTY
1	Sulphuric acid	500 ml
2	Hydrochloric acid	500 ml
3	Xylene rectified	500 ml
4	Ammonia solution	500 ml
5	Acetone	500 ml
6	Acetic acid glacial	500 ml
7	Ammonium borate	250 ml
8	Potassium Ferricyanide	100 ml
9	Lugol's Iodine	125 ml
10	Acetone	500 ml
11	Copper metal	100gm
12	Fouchet's reagent	125 ml
13	Aluminum nitrate	500 ml
14	Ferrous sulphate	500 gm
15	Hydrochloric acid	500 ml
16	Silver nitrate	125 ml
17	Schiff's reagent	125 ml
18	Zinc carbonate (Basic)	500 gm
19	Potassium hydroxide pellets	500 gm
20	Copper metal turnings	100 gm
21	Solo chrome black	25 gm
22	Lead acetate	500 ml
23	Nitric acid	500 ml
24	Cupric carbonate	250 gm
25	Sodium nitrate	500 gm
26	Phenolphthalein	100 gm
27	Amm.ferrous sullphate	500 gm
28	Ferrous sulphate sticks	1 kg
29	Ammonium solution	500 ml
30	Sodium Bismuthate	100gm
31	Methyle Orange solution	125 ml
32	Ammonium Bifluoride	250 gm
33	Sodium hydroxide	500 gm
34	Amm.solution(Amm.Hy	
35	Pottasium Iodide	100 gm
36	Manganous chloride	500 gm
37	Amm.ferrous sulphate	500 gm
38	Sodalime with indicator	500 gm
39	Ammonium sulphate	500 gm
40	Pottassium chromate	500 gm
41	Potassium permanganate	500 gm
42	Manganese nitrate	500 gm

43	Manganese dioxide	500 gm
44	Mercuric chloride	100 gm
45	Oxalic acid	500 gm
46	Aluminum reagent	500 ml
47	Sodium hydrogen carbonate	500 gm
48	Sodium carbonate anhydrous	500 gm
49	Ammonium nitrate	500 gm
50	pH buffer solution	500 ml
51	Fehling solution	500 ml
52	Starch soluble	500 gm
53	Barium sulphate	500 gm
54	Potassium dichromate	500 gm
55	copper sulphate	500 gm
56	Calcium sulphate dehydrate	500 gm
57	Magnesium reagent	500 ml
58	Nessler's reagent	125 ml
59	Methylene blue alkaline	125 ml

CHEMISTRY APPARATUS:

S.NO	ITEM	QUANTITY	NO.OF.ITEM
1	Beaker	100ml	14
2	Beaker	150ml	2
3	Burette	100ml	49
4	pipette	20ml	41
5	Beaker	500ml	10
6	Beaker	200ml	24
7	Beaker	100ml	15
8	Gas Beaker	1000ml	2
9	Beaker	250 ml	11
10	Glass rod		20
11	China Dish		6
12	Spatula		20
13	Test Tube holder		14
14	Brush		9
15	Reagent Bottles		24
16	Tripod Stand		11
17	Spirit Lamp		11
18	Litmus Blue		1 box
19	Litmus Red		1 box
20	Starch iodide		1box
21	Density hydrometer		2
22	Test tube stand		34
23	Atomic model set box		1
24	Conical flask		33
25	Test tube		121
26	funnel glass		6
27	plastic funnel		3

28	Reagent Bottles		29
29	Water bottle		4
30	Periodic table chart		1

PHYSICS APPARATUS:

S.NO	ITEM	NO.OF.ITEM
1	Screw guage	10
2	Vernier calipher	11
3	Key	3
4	Knife Edge	7
5	High resistance	1
6	Weight hanger - 100gm	2
7	Weight hanger - 200gm	1
8	Sodium lamp	1
9	Thermometer	2
10	Lens	10
11	Convex lens	3
12	Concave lens	3
13	Spectrum	2
14	Temperrature meter	4
15	Voltmeter	3
16	Galvanometer	4
17	Ammeter	2
18	Stop watch	2
19	Tangent Galvanometer	1
20	Resistance box	2
21	Rheostate	1
22	Field along axis of a coil	1
23	Mangnet	4 set
24	Two stroke engine diesel engine	1
25	magnet needle	1
26	Klinostat	7
27	Tuning fork	4
28	Hanslab	5
29	Weight box	5
30	Stand	1
31	Switch box	5
32	Spring scale	1
33	Jockey	1
34	Glass slab	1
35	Four way key	2
36	Sprit level	2
37	Physical balance	4
38	Spectrometer	3
39	Telescope	1
40	Sonometer	2
41	Potentiometer	1

42	Carey foster	2
43	Stand	49