

**JAWAHAR NAVODAYA VIDYALAYA ANAUGI KANNAUJ**  
**COMPRETIVE STATEMENT LAB EQUIPMENT 2017-18**  
**CHEMISTRY LAB ITEMS**

SN	Name of Article	Company/Specification	RATNA
1	Distilled water	100 litre	
2	Ammonium Iodide	100 gm	
3	ammonium sulphate	500 gm	
4	Lead chloride	500 gm	
5	Lead bromide	500 gm	
6	Lead iodide	500 gm	
7	Lead nitrate	500 gm	
8	Lead carbonate	500 gm	
9	Lead acetate	500 gm	
10	Lead Sulphate	500 gm	
11	Lead phosphate	500 gm	
12	Ammonium phosphate	500 gm	
13	Hydrochloric acid	2.5 litX2, 500 ml X1	
14	Nitric acid	2.5 litX2, 500 ml X1	
15	Sulpheric acid	2.5 litX2, 500 ml X1	
16	Acetic acid (Glacial)	500 ml x 4	
17	Wick thread	100 no.	
18	Surit or Burning Oil	5 lit X 2	
19	PH-paper	5 packer	
20	Litmus paper red	5 packer	
21	Lutmus paper nlue	5 packer	
22	Universal indicatur solntion	500 ml x 4	
23	Filter paper	15 packet	
24	Ferric chloride	500 ml	
25	Ammonia Slution	500 ml X 5	
26	Methyl orarge	500 ml	
27	Potash alum	500 ml X5	
28	Gelatin	500 ml	
29	Gum Acacia	500 gm	
30	Starch Soloble	500 ml	
31	Diphenylamine	500 ml	
32	Manganese dioxide	500 gm	
33	Chlorine water	500 ml	
34	Starch iodide paper	01 packet	
35	Red ink ( for Chromatography)	100 ml	
36	Blue ink (for chromatography)	100 ml	
37	Phenol	500 gm	
38	Magnesium ribbon	02 rill	
39	Benzoic acid	500 gm	
40	carbon disulphide	500 ml	
41	aluminium metel turnings or granulis	100 gm	
42	Conc.H2so4	2.5 lit	

43	Conc. Hcl	2.5 lit	
44	Conc. HNO <sub>3</sub>	500 ml	
45	Glacial acetic acid	500 ml	
46	Sodium hydride	500 ml	
47	Ammonia Solution	500 ml	
48	sodium acetate	500 ml	
49	carbon disulphide	500 ml	
50	Sodium Acetate	500 ml	
51	Barium chloride	500 ml	
52	oxalic acid	500 ml	
53	Ferrous ammonium sulphate	500 ml	
54	Potassium sulphate	500 ml	
55	Aluminium Sulphate	500 ml	
56	Chromatography paper	02 sheet	
57	Bromine Water	500 ml	
58	Ethanol	500 ml	
59	Calcium Sulphate	500 ml	
60	Butyl chloride	500 ml	
61	Iodine crystals	500 ml	
62	Lucas chloride	500 ml	
63	Nessler reagent	500 ml	
64	Sodium nitrite	500 ml	
65	2,4 DNP hydrazine	500 ml	
66	Sodium disulphite	500 ml	
67	Schiff reagent	500 ml	
68	Tollen's reagent	500 ml	
69	Sodium nitroprusside	500 ml	
70	N- dinitrobenzene	500 ml	
71	Sodium Carbonate	500 ml	
72	Sodium bicarbonate	500 ml	
73	Aniline	500 ml	
74	Potassium hydroxide	500 ml	
75	Formaldehyde	500 ml	
76	Chloroform	500 ml	
77	Lead acetate	500 ML	
78	LEAD SULPHATE	500 ml	
79	LEAD BROMIDE	500 ml	
80	LEAD NITRATE	500 ml	
81	LEAD CHLORIDE	500 ml	
82	AMMONIUM PHOSPHATE	500 ml	
83	AMMONIUM BROMIDE	500 ml	
84	AMMONIUM CARBONATE	500 ml	
85	AMMONIUM ACETATE	500 ml	
86	AMMONIUM NITRATE	500 ml	
87	FERRIC CHLORIDE	500 ml	
88	POTASSIUM IODIDE	500 ml	
89	SODIUM SULPHIDE FLAKES	500 ml	
90	AMMONIUM OXALATE	500 ml	
91	IODINE CRYSTALS	500 ml	

92	B.NAPHTHOL	500 ml	
93	NESSLER REAGENT	500 ml	
94	BEZALDEHYDE	500 ml	
95	ETHANOL	500 ml	
96	LIME WATER	500 ml	
97	BURNING SPRIT	5 LTR.	
98	HYDROCHLORIC ACID	500 ml	
99	SODIUM HYDROZIDE	500 ml	
100	POTASSIUM CHROMATE	500 ml	
101	STARCH PAPER	05 PKT.	
102	FERRIC CHLDRIDE	500 ml	
103	BARIUM CHLORIDE	500 ml	
104	AMMONIUM MOLYBDATE	500 ml	
105	POTASSIUM FERRUCYANIDE	500 ml	
106	POTASSIUM FERRICYANIDE	500 ml	
	Note: All the Chemicals are required to be of the brabds of either E-Merck		
	OR		
	BDS		
	OR		
	SD-FINE		
	<b>REQUIREMENT OF CHEMISTRY LAB.</b>		
	<b>NON - CONSUMABLE ITEMS</b>		
1	Glazed Tiles		15
2	Dropper		10
3	Test tube brush		10
4	Wash bottle (Plastic)		10
5	Wire Gaue		20
6	Buritte (50ml)- Borosil		20
7	Pipette ( 25 ml)-Borosil		20
8	Separatng funnil	500 ml	
9	Measuring flask (250ml) Borosil		15
10	Beaker (100ml) Borosil		10
11	Beaker (250 ml) - Borosil		10
12	Funnel ( Glass)		10
13	Conical flask (250ml) borosil		15
14	Chart of raouults law for positive and negative deviatiion	01+1	
15	hart of Daniell call		1
16	Chart of dry cell ( Leclanche cell)		1
17	Chart of lead storage battiry		1
18	Chart of H@-02 full cell		1
19	Chart of Mercnry cell		1
20	Chart of electromagnitic spectrum		1
21	Chart of atomic emission spectrim		1
22	Chart of atomicabsaaption spectrim		1

23	Chart of Bomb cadmium cell		1
24	Chart of Nickel - Cadmium cell		1
25	Chart of Corrosion ( Rustion)		1
26	Chart of Rutherford's 2-Particle scattering experiment		1
27	Magnet		
28	China dish		
29	Pipette stand for 30 pipettes		
30	Burette stand		
31	<b>Dropping bottle</b>	<b>50 m.l</b>	
32	Dropping bottle in brown colour	50.ml	
33	Test tube stand (for 6 test tubes)		
34	glass rod	15 piece	
35	<b>GAS JAR (FOR CHROMATOGRAPHY)</b>		





