

JAWAHAR NAVODAYA VIDYALAYA, DIHIBAGNAN, HOOGLHY

List of Lab Equipments ITEMS FOR THE SESSION 2018-19

.NO.	NAME OF ITEM	RATE
PHYSICS		
01	Accumulaters - Omega , Pico	
02	Balance Physical	
03	Bar Magnets - Omega , Pico	
04	Battery Charger - Omega , Pico	
05	Battery Eleminator(0 to 15v)	
06	Bob (Brass) - Omega , Pico	
07	Compass Magnet	
08	Compass Needle on stand	
09	Connecting Wires - Omega , Pico	
10	Copper Voltmeter	
11	Cork Set on six	
12	Drawing Board - Omega , Pico	
13	Galvanometer (With Stand) - Omega , Pico	
14	Glass Prism - Omega , Pico	
15	Glass slab	
16	Horsemagnet	
17	Iron Dust - Omega , Pico	
18	Lens Concave/ Convex	
19	Lens Holder - Omega , Pico	
20	Magnetic Compas Needle - Omega , Pico	
21	Meter Bridge - Omega , Pico	
22	Meter Scale - Omega , Pico	
23	Milli & micro Ammeter (With Stand) - Omega , Pico	
24	Milli Voltmeter (With Stand) - Omega , Pico	
25	Mirror Concave / Convex	
26	Navey Compass	
27	Ohm's Law Apparatus - Omega , Pico	
28	Periscope Wooden/ Metal	
29	Plain Mirror	
30	Plane Glass Sheet - Omega , Pico	
31	Resistance Box - Omega , Pico	
32	Voltmeter	
33	Spring Balance	
34	Iron clamp Stand	
35	Screw Gauge	
36	Sprit Lamp	
37	Verniers Calipars	
38	Potentiometer	
39	Extesion Board	
40	Multimeter	
41	Lasar light	
42	A.C.Main Sonometer	
43	Wire cutter	
44	Transister	
45	Capacitor	
46	Logic gate	
47	Stokes law apparatus	
48	Boyle's law apparatus	

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49	parallelogram law apparatus	
50	Newton's law apparatus	
51	Resonance air coloum apparatus	
52	Resonance Tube Apparatus - Omega , Pico	
53	Sonometer - Omega , Pico	
54	Spherometer - Omega , Pico	
55	Stop Clock - Omega , Pico	
56	Stop watch Electronic	
57	Stop watch Mechanical	
58	Thermometer C/F	
59	Vernier Calliperse - Omega , Pico	
60	A.c. Sonometer	
61	Capacitor	
62	Carbon registers	
63	Digital Multimeter	
64	Diode (P-njunction, zener)	
65	Extention Box	
66	Fuse (1 Ω , 2 Ω ,3 Ω)	
67	Hook's Law Apparatus	
68	Ic (different hypes)	
69	Leclanche cell	
70	LED (DIFFEREBT COLOURS)	
71	n-p-n or p-n-p transistor characteristics	
72	Optical Bench	
73	P-n junction diode characteristics	
74	Polaroids	
75	Potentiometer	
76	Prism	
77	Sand Paper	
78	Tranisistor(n-p-n, p-n-p)	
79	Travelling Microscope	
80	Tuning fork (set)	
81	Digital Balance	
82	Wheat stone Bridge	
CHEMISTRY		
01	2,4 D.P.H (BDH) Dinitro Phenyl Hydrazine	
02	3-1 Sulpha Solicyliz acid	
03	Acetic Acid (BDH)	
04	Ammanium Sulphate Crystal	
05	Ammonium Carbonate (BDH)	
06	Ammonium Carbonates	
07	Ammonoum Chloride (BDH)	
08	Beaker (100 ml) (Borosil)	
09	Beaker (250 ml +500 ml) (Borosil)	
10	Bendict Solution (BDH)	
11	Bendicts Solution (Reagent)	
12	Benzene	
13	Bismuth Mitrate (BDH)	
14	Bleaching Powder 500gm.	
15	Blow pipe	
16	Boric Acid 500gm.	
17	Bottle Opener	

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18	Bruss Test Tube	
19	Burette Clamp	
20	Burette Stand (Plastic)	
21	Burette Stand (Iron)	
22	Burette (Borosil) Per 50ml	
23	Cabait Nitrate	
24	Calcium Carbonate (BDH)	
25	Chemical Balance (Electronic) (Borosil)	
26	Conical Flask (100ml+ 250 ml) (Borosil)	
27	Conical Flask (500 ml) (Borosil)	
28	Copper Sulphate (BDH)	
29	Copper turnings	
30	Cotton wool	
31	Crock Borer	
32	Distilled Water	
33	Dixtrose / Glucose 500gm	
34	Eosin Solution	
35	Farmalin	
36	Feling Solution, No, A 100ml.	
37	Feling Solution, No, B 100ml.	
38	Ferrous Sulphate 500ml.	
39	Ferrous Sulphate (BDH)	
40	Fitter Paper 9cm./11cm	
41	Fixation of GAS PLANT	
42	Flat Bottom Flask 250ml.	
43	Formal Dehyde(BDH)	
44	Fusion Tube (Borosil)	
45	Glass rod	
46	Glucose Powder	
47	Glycerine	
48	H ₂ So ₄ (BDH)	
49	Hand Gloves	
50	Hydrozen peroxide	
51	Iodine Solution	
52	Iron Fillings	
53	Lead Acetate 500gm	
54	Litmus Blue paper	
55	Magnese Dioxide	
56	Magnesium Sulphate	
57	Methanol	
58	Methyl Orange 100ml.	
59	Mohr Salt (BDH)	
60	Neslar Reagent 100ml.	
61	Nickel Chloride (BDH)	
62	Nine Hydrin Solution	
63	Nitric Acid (BDH)	
64	Osimic acid	
65	P.H. paper	
66	Phenol Phthaneing ml.	
67	Phenopthalin 100ml	
68	Pipette (25 ml) (Borosil)	
69	Pipette (20 ml) (Borosil)	

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70	Platinum Wire	
71	Potassium Hydroxide 500ml.	
72	Potassium Bicarbonate 500 gm.	
73	Potassium Iodide	
74	Potassium permanganate	
75	Reagent Bottle (250 ml +500 ml) (Borosil)	
76	Silver Nitrate 100 gm. (BDH)	
77	Sodium Bicarbonate (BDH)	
78	Sodium Chloride (BDH)	
79	Sodium Hydroxide (BDH)	
80	Sodium Sulphate	
81	Soframinine	
82	Sodium Nitrate 500gm.	
83	Spatula (steel)	
84	Spirit (BDH)	
85	Starch	
86	Starch Soluble(BDH)	
87	Test Tube Holder (Iron)	
88	Test Tube Stand (Plastic)	
89	Wash Bottle	
90	Weight Box Calibrated	
91	Zinc granular	
92	Zinc Metal (BDH)	
93	Glass funnel	
94	Kipp's apparatus	
95	Volumetric Flask (250ml)	
96	Chaina Disk	
97	Volumetric Flask (500ml)	
98	Sulphur powder	
99	Oxalic Acid	
100	Sodium Nitroprusside	
101	Dimethyl Glyoxime	
102	Magnesium Ribbon	
103	2 - Naphthol	
104	1 - Naphthol	
105	2,4- DNP	
106	Acetanilide	
107	Paraffin liquid	
108	Aniline	
109	Iron Dust	
110	Ethanol	
111	Carbon-di Sulphide	
112	Sodium metal	
113	EDTA	
114	PH Paper	
115	Litmus Blue & Red paper	
116	Measuring Cylinder 500 ml	
117	Measuring Cylinder 100 ml	
118	Measuring Cylinder 10 ml	

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BIOLOGY		
01	Acid Water	
02	Alco 450ml.	
03	Ammonium Hydroxide	
04	Amoeba	
05	Animal cell Model	
06	Antiserum A,B,D	
07	Articulated Bones of Frog	
08	Astronomies	
09	Beaker 250 ml (Borosil)	
10	Beaker 500 ml (Borosil)	
11	Benedict Reagent 100ml.	
12	Benedict's Solutions	
13	Biology Box	
14	Biology Chart on Black rexine Size 75 x 100 cm	
15	Blank side	
16	Bluret Reagent	
17	Brush	
18	Chloroform	
19	Cobalt Chloride	
20	Compound Microscope	
21	Cone Hel	
22	Conical Flask	
23	Cover Slip	
24	Dicot Leaf	
25	Dicot Stem	
26	Digestive System of Human	
27	Dihybride Crossing	
28	Disecting Tray	
29	Display and Demonstration Chart	
30	Dissecting Microscope	
31	Dissecting Pins long Size	
32	DNA Replication	
33	Dodium Hydroxide Solution 500ml.	
34	Fomoline	
35	Formalin 500ml	
36	Funnel	
37	Fusion Tube	
38	Gas jar	
39	Glass Biker (Borosil)	
40	Glass Funnel	
41	Glycerin 500ml	
42	Glycosis	
43	Heard glass test tube	
44	Human Bones (Type of Joints)	
45	Human Kidney Model	
46	Human Lung Model	
47	Hydra	
48	Kerb's Cycle	
49	KH ₂ Po ₄	
50	Lac Insact	
51	Lens tissue Paper	

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52	Liesh Mas Stain	
53	Life cycle of frog	
54	Life Cycle of Silk Moth	
55	Liver Fluke	
56	Mamalian Bone	
57	Mamalian cartilage	
58	Mamalian Muscle	
59	Measuring Cylinder	
60	Meiosin All Stages	
61	Methylene Blue	
62	Methylene blue Solution 100ml.	
63	Methylene Orange Solution 100ml.	
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64	Millon's Reagent	
65	Mitosis All Stages	
66	Mitosis and Meiosis in Plant	
67	Monohybrid Crossing	
68	Needle	
69	Octopus	
70	P4 Tube	
71	Petridis	
72	Phenyl	
73	Photosynthesis Light & Dark Reaction	
74	Pipette 05ml	
75	Pipette 10ml	
76	Pipette 20ml	
77	Plant call Model	
78	Plane Slide	
79	Pound Bottle Flask	
80	Pricking Lance	
81	Reagent Bottle 1ltr	
82	Reagent Bottle 250 ml	
83	Reagent Bottle 500ml	
84	Reagent Bottle Stand	
85	RNA Model	
86	Sea Horse	
87	Seliwanoff's Test	
88	Simpli Microscope (Olympus)	
89	Spermato Genesis in Mamalians all Stages	
90	Spirit	
91	Spirogyra	
92	Sponge	
93	Spirit Lamp	
94	Star Fish	
95	Starch	
96	Structure of Eye & Ear of Human	
97	T.S. of Ovary	
98	T.S. of Spinal Cord	
99	T.S. of Testis	
100	Test Tube 20 mm	
101	Test Tube Holder (Iron)	
102	Test Tube Stand	
103	Test Tube Stand (Plastic)	
104	Watch Glass	
105	Water Bath	
106	Weight Machine	
107	Eosin Solution 100ml.	
JUNIOR SCIENCE LAB		
01	Hitech Microscope - per pc	
02	Clorin Water 500 ml	

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JUNIOR MATHS LAB		
01	Model to Demonstrate the formula $C=\pi d$	
02	Sand model : Circle Area and Demonstration of π	
03	Model for demonstrating the identity $(a+b)^2$	
04	Model for demonstrating the identity $(a+b+c)^2$	
05	Model for the determination of the area of a circle by forming a rectangle with circle segments	
06	Variable quadrangle with four protractors	
07	Model for pythagoras theorem	
08	Variable triangle with three protractors	
09	Geo volume set (Clear plastic,10cm, 17pc with lid.	
10	Litre cube(10x10x10cm)	
11	Geo volume set (Clear plastic,05cm, 17pc with lid.	
12	Surface area models	
13	Fraction calculation	
14	Polygon inscribed in a circle	
15	Model of complementary parallelograms	
16	Triangle with elastic thread and movable mountings on the edges	
17	Demonstrating a quadrilateral circumscribed about a circle angles of parallels	
18	Angles of Parallels	
19	Proportion sentences	
20	Area of Trapezoid	
21	Rotation and reflection	
22	Angles in & At circle	
23	Verification for pythagorean and euclid's theorem	
24	Verification for the altitude sentence	
25	Model for fraction calculation, multiplication & Division	
26	Concluding arithmetic (Inverse ratio)	
27	Model of a circle with rubber-strings	
28	Central and chordal angles of a circle	
29	Model for the demonstration of the epicycloid	
30	Model for the hypocycloid	
31	Model for the Cardioid cycloid	
32	Model for the Orthocycloid Simple	
33	Model for geometric, mathematic & trigonometric function	
34	Trigonometric function calculation model	
35	Model of the equal arcs chords and angles	
36	Model for proportions in and about a circle	
37	Determination of side lengths, Angles and Altitudes of a parallelogram	
38	Model for angle between chords and between chord and tangent	
39	Concluding arithmetic (Direct Ratio)	
40	Model for the similarities of area of different triangles and quadrilaterals	

Name of firm /Party:

Address:

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