

JAWAHAR NAVODYA VIDYALAYA DEVRALA (BHIWANI)

TENDER FORM FOR LAB'S ITEMS FOR 2017-18

Sr. No.	Name Of Items	Brand/Specification	RATE FOR 2017-18
BIOLOGY LAB			
1.	Compound Microscope	Olympus	
2.	Dessection Microscope	Olympus	
3.	Distillation Unit(water)		
4.	Beakers(250,500 and 100 ml)	Borosil	
5.	Dicot and Monocot root and stem samples	Standard	
6.	Digital Balance	Standard	
7.	Whatmans filterpaper	Standard	
8.	Models of Cockroach and Frog	Standard	
9.	Slides and Specimen	Standard	
10.	Bacteria	Standard	
11.	Oscillatoria	Standard	
12.	Spirogyra	Standard	
13.	Rhizopus	Standard	
14.	Mushroom	Standard	
15.	Yeast	standard	
16.	Riccia	Standard	
17.	Moss	Standard	
18.	Fern	Standard	
19.	Lichen	Standard	
20.	Amoeba	Standard	
21.	Hydra	Standard	
22.	Liverfluke	Standard	
23.	Ascaris	Standard	
24.	leech	Standard	
25.	Earthworm	Standard	
26.	Prawn	Standard	
27.	Silkworm	Standard	
28.	Honey bee	Standard	
29.	Snail	Standard	
30.	Star Fish	Standard	
31.	Rohu	Standard	
32.	Frog	standard	
33.	Lizard	Standard	
34.	Tissues	Standard	
35.	Parenchyma	Standard	
36.	Collenchyma	Standard	
37.	Sclerenchyma	Standard	
38.	Xylem8901353436	Standard	
39.	Phloem	Standard	
40.	Squamous epithelium	Standard	
41.	Muscle fibre	Standard	
42.	Blood smear(mammal and Frog)	Standard	
43.	Mitosis all stages	Standard	
44.	Meiosis all stages	Standard	
45.	T.S.of testis	Standard	
46.	T.S.of Ovary	Standard	
47.	Human Blastula	Standard	

48.	Entamoeba	Standard	
49.	Taeniasolium	Standard	
50.	Ringworm	Standard	
51.	Hydrilla	Standard	
52.	Vallisnaria	Standard	
53.	<u>Skeleton model(human)</u>	Standard	
54.	skeleton box	Standard	
55.	Tape	Standard	
56.	Meter scale	Standard	
57.	Models/Charts asper curriculam	Standard	
58.	Chemicals	nice	
59.	Iodine per ml	nice	
60.	Benedicts solution per ml	nice	
61.	Fehling solution A and B per ml	nice	
62.	Sudan-III per ml	nice	
63.	Safranin per ml	nice	
64.	Methylene bblue per ml	nice	
65.	All types of acids per ml	nice	
66.	Millons reagent per ml	nice	
67.	Biuret reagent per ml	nice	
68.	Phenolphthalein per ml	nice	
69.	Buffer tablets per ml	nice	
70.	Ph paper	nice	
71.	Boric acid per ml	nice	
72.	magnesium sulphate per ml	nice	
73.	watch glass	nice	
74.		nice	
75.		nice	

SIGN OF TENDERER

JAWAHAR NAVODAYA VIDYALAYA DEVRALA-BHIWANI (HARYANA)
TENDER FOR PHYSICS LAB EQUIPMENT FOR 2017-18

S. No.	Name of the equipment	SPECIFICATION	RATE
1	Spring balance		
2	Measuring cylinder		
3	Helix spring		
4	Cuboids of different sizes		
5	Human ear model		
6	Stethoscope		
7	Simple pendulum		
8	Stop clock		
9	Meter scales		
10	Flute		
11	Change of P.E to K.E and vice versa		
12	500ml beakers		

S.No	Name of the item		
1	Plane mirror		
2	Concave mirror		
3	Convex mirror		
4	Glass slab		
5	Drawing board		
6	Glass prism		
7	Convex lens		
8	Concave lens		
9	Voltmeter		
10	Ammeter		
11	Galvanometer		
12	Rheostat		
13	Resistance boxes		
14	Connecting wires		
15	Key		
16	Optical bench		
17	Electric battery		
18	Magnets		
19	Connecting wires		
20	One-way key		
21	Rheostat		
22	Source of LASER beam		
23	Metre bridge		
24	Potentiometer.		
25	Galvanometer		
26	Multimeter.		
27	Concave mirror		
28	Convex lens.		
29	Concave lens		
30	Prism		
31	Travelling microscope		
32	Plane mirror.		
33	p-n junction diode		
34	Zener diode		

35	Common - emitter npn or pnp transistor characteristics		
36	Glass slab.		
37	Polaroids.		
38	Voltmeter		
39	Ammeter		
40	Microammeter		
41	Microvoltmeter		
42	Logic gates		
43	Hollow prism		
44	Tangent galvanometer		
45	Bar magnets (Alnico)		
46	Horseshoe Magnet		
47	Electro Magnet		
48	Magnetic compass		
49	Optics kit (Lenses, mirrors, glass slabs, plane mirror strips, Prisms (Equilateral and Rightangled), Slits.		
50	Lens holder / V- Stand (Wooden)		
51	Wooden Screen		
52	Bulb with holder and wire gauge for measuring focal length		
53	Plano convex , plano concave, double convex, double concave, glass slabs, plane mirrors, cylindrical lens, thin and thick lenses		
54	Sand Paper		
55	Triangular File		
56	Overflowing vessel		
57	Battery eliminator		
58	Transformer (step up and step down)		
59	AC & DC Generator		
60	DC Motor and AC Motor		
61	Gold leaf electro scope		
62	Solenoid		
63	Glass cutter		
64	Nichrome wire		
65	One way key		
66	Rubber Hammer		
67	Drawing board		
68	Vernier Callipers		
69	Screw gauge.		
70	Spherometer.		
71	Simple pendulum		
72	Demonstration of longitudinal and transverse waves.		
73	Demonstration of the phenomenon of beats, due to superposition, of waves produced by two sources of sound of slightly different frequencies		
74	Demonstration of resonance with a set of coupled pendulums.		

75	Demonstration of the effect of angle of launch on range of a projectile		
76	Demonstration of inter-conversion of potential and kinetic energy.		
77	Demonstration of conservation of linear momentum.		
78	Double inclined plane		
79	Bi-metallic strip		
80	Demonstration of free oscillations of different vibrating systems.		
81	Demonstration of Bernoulli's theorem with simple illustrations		
82	Demonstration of resonance using an open pipe.		
83	Demonstration of conservation of angular momentum.		
84	resonance tube		
85	helical spring		
86	Sonometer.		
87	Demonstration of resonance with a set of coupled pendulums.		
88	Rolling cylinders		
89	Wooden block with hook		
90	Metal balls / lead shots		
91	Glass Measuring cylinders (50ml, 100ml, 250ml,500ml)		
92	Spring balance		
93	Pendulum bobs		
94	Retort stands		
95	Stop watch		
96	Meter scale		
97	Half Meter scale		
98	Thermometers (degree C and degree F)		
99	Maximum and minimum thermometer		
100	Wet and Dry thermometer		
101	Clinical Thermometer		
102	Digital thermometer		
103	Common Balance		
104	Weight box		

SIGN OF TENDERER