

Grizzly College of Education.

List of Laboratory equipments for Chemistry

Sl. No.	Particulars	Quantity	Rate	Amount
1	Test tube (15 x 150)	3 Packets	68.75	206.25
2	Test tube (12 x 125)	3 Packets	65.00	195.00
3	Spirit lamp	4 Pc.	10.50	42.00
4	Spirit lamp	6 Pc	32.00	192.00
5	Filter Paper	5 Packets	12.00	60.00
6	Litmus Paper (blue & Red)	(3+3) Packets	7.00	42.00
7	Stand Iron	3 Pc	80.00	240.00
8	Pipette (25 ml)	4 Pc	22.00	88.00
9	Burette	3 Pc	30.00	90.00
10	Beaker (250 ml)	12 Pc.	18.00	216.00
11	Beaker (500 ml)	8 Pc	28.00	224.00
12	Gas Jar	10 Pc.	33.00	330.00
13	Conical flask	4 Pc	15.00	60.00
14	Cork	14 dozen	36.00	504.00
15	Funnel 3"	5 Pc	12.00	60.00
16	Funnel 4"	5 Pc.	18.00	90.00
17	Measuring flask 250ml	3 Pc	38.00	114.00
18	Measuring flask 500ml	3 Pc.	45.00	135.00
19	Glass Rod (big)	06 Pc	10.00	60.00
20	Glass Rod (Small)	6 Pc	005.00	30.00
21	Tripod Stand (Big)	3 Pc	18.00	54.00
22	Tripod Stand (Small)	3 Pc	12.00	36.00
23	Wire gauge	12 Pc	6.00	72.00
24	Sulphuric Acid	2 bottle	30.00	60.00
25	Hydrochloric Acid	1/2 litre	30.00	30.00
26	Nitric Acid	1/2 litre	35.00	35.00
27	Formaldehyde	1/2 litre	40.00	40.00
28	Ammonium chloride	500 g		
29	Sulphur Powder	500 g		
30	Fehling solution	500 ml		
31	Bromine water	2 x 50 ml	100.00	200.00
32	Carbon disulphide	500 ml		
33	Carbon Tetrachloride	500 ml		

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34	Iodine Solution	500ml		
35	Sodium Sulphate	500g		
36	Potassium chloride	500g		
37	Sodium Hydroxide	2 x 500g	93.00	186.00
38	Copper Sulphate	500g		
39	Barium Chloride	2 x 500ml	140.00	280.00
40	Potassium Permanganate	500g		
41	Methelene blue	125 ml		
42	Potassium Iodide	100g		
43	Phenol phthal	125 ml		
44	Methyl orange	125 ml		
45	Nessler's Reagent	125 ml		
46	Safranine Stain solution	100 ml		
47	Watch glass	1 Packet		
48	China dish (small-big)	(8+4) Pc		
49	Blotting Paper	6 Pc		
50	Cork Borer & Chimta	(2+4) Pc		
51	Woulf Bottle	8 Pc	88.00	704.00
52	Magnesium ribbon	2 Packet		
53	Dropper	6 Pc		
54	Bleaching Powder	1 Packet	100.00	100.00
55	Aluminum potassium Sulphate	2 Packet	83.00	166.00
56	Aluminum Powder	2 Packet	200.00	400.00
57	Zinc Sulphate	1 Packet	115.00	115.00
58	Sodium Thio sulphate	1 Packet	73.00	73.00
59	Tartoric Acid	1 Packet	72.5.00	72.5.00
60	Urea	1 Packet	115.00	115.00
61	Potassium Dichromate	1 Packet	245.00	245.00
62	Starch Solution	1 Packet	400.00	400.00
63	Sodium Carbonate	1 Packet	87.00	87.00
64	Sodium Nitrate	1 Packet	115.00	115.00
65	Borax	1 Packet	150.00	150.00
66	Litmus Soln. (Red & Blue)	2 Packet	60.00	120.00

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Sl. No.	Particulars	Quantity	Rate	Amount	Remarks
68	Acetic Acid	1 Packet	137.00	137.00	
69	Citric Acid	1 Packet	210.00	210.00	
70	Sodium Bicarbonate	1 Packet	90.00	90.00	
71	pH Paper	1 Packet	35.00	35.00	
72	Copper plate with terminal	6 pc	30.00	180.00	
73	Crusher (1 Big - 1 small)	2 pc			
74	Weighting Boule	2 pc			
75	Thistle Funnel	5 pc			
76	Test tube holder	6 pc			
77	Iron Rod	3 pc			
78	Clip	2 pc			
79	Cleaner	3 pc			
80	Stand (Plastic)	2 pc			
81	Glass tube	1 pc			
82	Cupric chloride	500g			
83	Nickel Sulphate	500g			
84	Ammonia Solution	500ml			
85	Aluminium sulphate	500g			
86	Cupric Nitrate	500g			
87	Calcium Carbonate	500g			
88	Ferrous sulphate	500g			
89	Magnesium Sulphate	500g			
90	Magnese dioxide	500g			
91					
92					
93					
94					
95					

GRIZZLY COLLEGE OF EDUCATION

Telaiya Dam, Koderma - 825413

List of equipments for Psychology Lab.

Sl. No.	Particulars	No. of sets
1.	Verbal test of general Intelligence (complete set)	1
2.	Bell adjustment inventory-Indian (complete set)	1
3.	E.P.I. (Mosley-Eyesenck Personality Inventory) by Dr. B. Day (Complete set)	1
4.	Verbal Numerical Abstract Reasoning Test (Hindi) by R.N. Singh (Complete set)	1
5.	Social Economic status scale by R.M. Verma	2
6.	T.A.T Murray complete set (30 +1 cards)	1
7.	Social Awareness (Hindi-English) Marriage (1 Questionnaires 1 A/s) by Dr. Manibala accepted by sociologist also).	3
8.	16,P.F. 25 Questionnaires, 50 Answersheet, Instruction sheet, Key.	1
9.	Inkblot test (2 sets of cards & pad)	1
10.	C.A.T (Children Appreciation Test) by Bellack (colour cards complete set)	1
11.	Steward Maturity scale, Indian, English	2
12.	Ravens (Standard) Progressive Matrics (complete set)	1
13.	K.N.P.I. (Kundus Neurotic Personality Inventory) Engg.	2
14.	(A) World Association Test (Kent Resent) (B) Electronic voice key and chronoscope for W.A.T.	1
15.	Problem solving (English Indian)	1
16.	N.I.I.P. clerical test (American)	2

		No. of sets
17.	Creativity test & How to improve creativity (American)	2
18.	Statical Table - Booklet by R.P. Sinha	3
19.	Signin Form Board with norms	1
20.	Dearborns Forms Board with manual & Printed Demo. Board	1
21.	Star Pattern seats (6 stars in a sheet pkt. of 100)	1
22.	Cancellation sheet or Multiplication sheet or Digit Symbol test sheet or Perimeter chart or substitution test sheet (each pkt. of 100 sheets separately)	2
23.	Answer sheet (Pkt. of 100) of General Intelligence test	3
24.	Answer sheet (Pkt. of 100) of Bell adjustment inventory	3
25.	Answer sheet (Pkt. of 100) of E.P.I.	3
26.	Answer sheet (Pkt. of 100) of D.A.T of V.N.A.R.T.	3
27.	Answer sheet (Pkt. of 100) D.A.T. each sub test	3
28.	Answer sheet (Pkt. of 100 Raven's Progressive metrics)	3
29.	Norms & Scoring of Alexenders test Rattory	3
30.	Photo (15) of the some baby in a sheet with maual for emotion	3
31.	Record sheet (Pkt. of 100) of Alexander test battery	4
32.	Alexender Test Battery-with manual, Norms & Scoring	1
33.	Pass along Test with Printed desing card & manual	1
34.	Block desing test with printed designed card & manual	1
35.	Cube construction test with manual	1
36.	Bhatias battery of Intelligence with manual & record sheet	1
37.	Wesler's Adult Intelligence scale, Indian Hindi or English printed manual, pictures, I.O. tests etc.	1
38.	Collins & Drevern Performance Test of Intelligence with manual	1
39.	Blank cards (Pkt. of 100) for tachtestoscope	10
40.	Manual Dexterity test (Nail Board, Nail stick, Eyeboard)	1

APPARATUS

ATTENTION :	No. of sets
1. (A) Tachistoscope, gravity [Sunmica cabinet]	1
(B) Disc tachistoscope calibrated, 1 sec. To 1/100 sec.	1
(C) Electric Tachistoscope, boxtype, variable	1
(D) Electronic Tachistoscope, boxtype, 4 sec. to 1/100 sec.	1
(E) Electronic Tachistoscope, boxtype, van table light intensity variable time	1
(F) Tachistoscope cards [pkt. to 100 cards]	6
LEARNING AND MEMORY :	
3. (A) Mirror drawing, sunmica & cork sheet base (big)	1
(B) Mirror drawing, snoddy, metal star	1
(C) Snoddy Mirror Drawing with error counter	1
4. (A) Maze punch board	1
(B) Stylus Maz, (slot) removable Maze plate & screen	1
(C) Electronic Bolt head Maze with error Counter 1	1
(D) Electronic Bolt head Maze	1
(E) Jestows memory apparatus	1
(F) "Memory drum 4" dia 8" long Aluminium drum variable time main & battery operated	1
(G) "Memory drum manual 4" dia Aluminium drum all metal.	1

5.	Card sorting tray on adjustable stand 20"/21" 30 apartment [Duratuff made] with packet of playing cards	1
6.	Cancellation sheet [pkt. of 100]	1
PSYCHO-PHYSICS, SENSATION AND PERCEPTION :		
7.	(A) Muller layer illusion plate (fixed arrow head)	1
	(B) Muller layer illusion plate (Adjustable arrow head)	1
	(C) Muller layer illusion plate (Adjustable on stand)	1
8.	Aesthesiometer, whipples, 3 points	1
9.	Colour preference box (paired comparison) [sunmica]	1
10.	Colour mixture with disc, main and battery operated	1
11.	Colour mixture with disc, main and battery operated with protactor	1
12.	(A) Webers weight [set of 12 aluminium wts.	1
	(B) Webers weight [set of 16 aluminium wts.	1
	(C) Webers weight [set of 21 aluminium wts.	1
13.	Webers Jechner turntable screen hand rest for subject	1
14.	Webers Law : Electronic visual and Auditory (Main & Battery operated)	1
15.	(A) Vernier, chronoscope & R/T combined for simple reacson, Main cum Battery	1
	(B) Vernier Chronoscope & R/T combined for simple complex and choice reaction Main cum Battery	1
	(C) Vernier Chronoscope & R/T combined for simple. Complex & choice reaction, Electronic stop watch, main battery operated.	1

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List of Laboratory equipment for Biology

Sl No.	Particulars	Quantity	Rate	Amount	Remarks
1	Microscope	(1+1)pc	2200.00	4400.00	
2	Dissecting box	1			
3	Slide (Plane)	(1+1)Pae	65.00	130.00	
4	Dissecting tray	1 Pc			
5	Cover Slip	1+1 Pae	8.00	16.00	
6	Skelton System	1 Pc			
7	Plastic Board	7 Pc			
8	Watch glass	20 Pc	4.00	80.00	
9	Slide (Paraffin coat)	19 Pc	20.00	380.00	
10	Slide Plane Tissue	15 Pc	12.00	180.00	
11	Slide Box	1 Pc	55.00	55.00	
12	Conical flask (1000ml)	2 Pc	50.00	100.00	
13	Conical flask (250ml)	6 Pc	16.00	96.00	
14	Conical flask (500ml)	2 Pc	28.00	56.00	
15	Beaker (1000ml)	2 Pc	45.00	90.00	
16	Beaker (500ml)	6 Pc	28.00	168.00	
17	Beaker (250ml)	(6+6)Pc	18.00	216.00	
18	Blotting Paper	10 sheet	4.00	40.00	
19	Black Paper sheet	3 Sheet	7.00	21.00	
20	Cobalt chloride Paper	1 Pae	30.00	30.00	
21	Iodine Solution	1 bottle	102.00	102.00	
22	Glycerine	1 Pae	220.00	220.00	
23	Safranine stain soln.	1 Pae	69.00	69.00	
24	Alcohol	2 bottle	90.00	180.00	
25	Methyl blue stain	1 Pae	65.00	65.00	
26	Vaseline	1 Pae	145.00	145.00	
27	Potassium iodide	1 Pae	340.00	340.00	
28	Peridish	5 Set	25.00	125.00	
29	Tongs (Forceps) (2 big + small)	4 Pc			

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List of Laboratory Equipments for Physics

Sl. No.	Particulars	Quantity	Rate	Amount	Remarks
1	Physical Balance	01 Pc			
2	Spring Balance	03 Pc			
3	Wat Box	02 Pc			
4	Bar Magnet	03 Pc			
5	Spherometre	04 Pc			
6	Screw guage	06 Pc			
7	Measuring Cyclinder (100 ml)	03 Pc			
8	Convex Lens	10 Pc			
9	Concave Lens	07 Pc			
10	Lens Stand	02 Pc			
11	Magnifying glass	07 Pc			
12	Prism	04 Pc			
13	Mercury	300ml			
14	Stop watch	(5+4) Pc			
15	Scale (wood)	06 Pc			
16	Mirror (plane)	06 Pc			
17	Drawing Pin	01 Packet			
18	Pendulum Bob	05 Pc			
19	Sprite level	02 Pc	20.00	40.00	
20	Calorimeter	03 Pc	125.00	375.00	
21	Vernier's Collipere	11 Pc	48.00	528.00	
22	Thermometer	03 Pc			
23	Overflow Cyclinder	02 Pc			
24	Mirror holder with pin	04 Pc	120.00	480.00	
25	Mirror holder with stand	04 Pc	120.00	480.00	
26	Rheostas	02 Pc	425.00	850.00	
27	Plug key one way	04 Pc	45.00	180.00	
28	Drawing Board	04 Pc	125.00	500.00	
29	Pulley Single	10 Pc	15.00	150.00	
30	Pulley Double	10 Pc	20.00	200.00	
31	Ammeter	04 Pc	225.00	900.00	
32	Volmeter	04 Pc	225.00	900.00	
33	Battery Eleminator	02 Pc	1050.00	2100.00	
34	Optical bench Brass pipe heavy pipe & stand	01 Pc	2250.00	2250.00	
35	Slinky	10 Pc	24.00	240.00	
36	Glass slab	10 Pc	45.00	450.00	
37	Concave Mirror	06 Pc			
38	Convex Mirror	05 Pc			
39	Measuring Cyclinder (250ml)	02 Pc			
40	Borosil (500 ml)	02 Pc			
41	Iron dust				
42	Tonge (Forecepsi (250g r25ml))	04 Pc			
43	Mirror Stand	02 Pc			
44	Mirror holder	01 Pc			