

08856-237269

ELIM COLLEGE OF EDUCATION

Janakipeta St, Amalapuram – 533 201, E.G.Dt. A.P.,

Department of Physical Science
Equipment List

S. No.	PARTICULARS	RATE	QUANTITY	AMOUNT
1	Analytical balance with weight Kerrey box	2100 – 00	3 Nos.	6300 – 00
2	Bunsen burners Elson	85 – 00	6 Nos.	510 – 00
3	Burette stand with clamp & boss Elson head	175 – 00	5 Nos.	875 – 00
4	Tripod stand	35 – 00	5 Nos.	175 – 00
5	Crucible tongs 6” Elson	28 – 00	5 Nos	140 – 00
6	Test tube holders	4 – 50	5 Nos	22 – 00
7	Pinch clips	3 – 50	5 Nos	17 – 00
8	Wire guage	3 – 00	5 Nos	15 – 00
9	Nylon brush	4 – 00	5 Nos	20 – 00
10	Watch glass 3”	48 – 00	5 dozs	240 – 00
11	Ignition tubes	18 – 00	5 gross	90 – 00
12	Melting point tubes	18 – 00	5 gross	90 – 00
13	Label book	45 – 00	5 Boxes	225 – 00
14	Kipps apparatus 500ml plastic	515 – 00	3 Nos	1725 – 00
15	Atom model set	120 – 00	2 Sets	240 – 00
16	Test tube stand polythene	42 – 00	4 Nos	210 – 00
17	Wash bottles 600 ml polythene	48 – 00	5 Nos	240 – 00
18	Pipette rack polythene	120 – 00	5 Nos	600 – 00
19	China dishes 3 “ porcelain	8 – 00	5 Nos	40 – 00
20	Mofter is pestle 3 “ porcelain	38 – 00	4 Nos	144 – 00
21	Filter paper circles kalpi	15 – 00	5 Nos	75 – 00
22	Rcebber corks assorted	75 – 00	5 dozs	375 – 00
23	Bark corks	10 – 00	5 Nos	50 – 00
24	Spirit lamp	35 – 00	5 Nos	175 – 00
25	Centrifuge machine hand operated	475 – 00	2 Nos	950 – 00
26	Aspiratory bottles 2 lits N/gl	280 – 00	3 Nos	840 – 00
27	Beakars 250 ml Brosil	45 – 00	5 Nos	225 – 00
28	Beakars 500 ml Brosil	72 – 00	5 Nos	360 – 00
29	Burette 50 ml plastic	289 – 00	5 Nos	1445 – 00
30	Glass rooldoing and tubing	80 – 00	5 kg	400 – 00
31	Reagent bottles 250 ml NMFS N/gl	32 – 00	5 Nos	160 – 00
32	Reagent bottles 250 ml WMFS N/gl	45 – 00	5 Nos	225 – 00
33	Reagent 250 ml with names acids	60 – 00	5 No 3	300 – 00
34	Round bottom flask / Flat bottom flask 500 ml Borosil	115 – 00	5 No 3	575 – 00
35	Conical flask 250 ml Borosil	72 – 00	5 Nos	360 – 00
36	Funnels 3 “ N/gl	25 – 00	5 Nos	125 – 00
37	Dropping bottles 250 ml N/gl	250 – 00	4 Nos	1000 – 00

S. No.	PARTICULARS	RATE	QUANTITY	AMOUNT
38	Pipette 10 ml Borosil	63 – 00	5 Nos	315 – 00
39	Pipette 20 ml Borosil	75 – 00	5 Nos	375 – 00
40	Volumetric flask 250 ml Borosil	180 – 00	5 Nos	900 – 00
41	Volumetric flask 500 ml Borosil	250 – 00	4 Nos	1000 – 00
42	Measuring cylinder 250 ml N/glass	64 – 00	5 Nos	320 – 00
43	Measuring cylinder 500 ml N/glass	80 – 00	5 Nos	400 – 00
44	Pneumatic trough	280 – 00	5 Nos	1400 – 00
45	Test tube with rim 4 “ Borosil	4 – 90	5 Nos	24 – 00
46	Test tube with rim 5 “ Borosil	6 – 00	5 Nos	30 – 00
47	Weighing bottles	25 – 00	5 Nos	125 – 00
48	Reagent bottles 250 ml colour amber	45 – 00	5 Nos	225 – 00
49	Compound microscope weswox	2850 – 00	1 No	2850 – 00
50	Compound microscope Elson	2250 – 00	4 Nos	9000 – 00
51	Dissection microscope Elson	480 – 00	4 Nos	1920 – 00
52	Slide boxes 100 Slides cap	140 – 00	4 Nos	700 – 00
53	Staining rack	120 – 00	5 Nos	600 – 00
54	Dropping bottles 30 ml TK pattern	18 – 00	5 Nos	90 – 00
55	Measuring cylinder 100 ml N/gl.	80 – 00	5 Nos	400 – 00
56	Measuring cylinder 250 ml N/gl.	125 – 00	5 Nos	625 – 00
57	Funnels ‘3’ plastic	6 – 00	5 Nos	30 – 00
58	Specimen jars with back light s. cap	80 – 00	5 Nos	400 – 00
59	Microscope slides plain glass polar	50 – 00	5 Pkts	250 – 00
60	Cover slips square	60 – 00	5 Nos	300 – 00
61	Cover slips round	75 – 00	2 Nos	150 – 00
62	Test tubes 12 X 100 mm Borosil	5 – 00	5 Nos	25 – 00
63	Test tubes 6 X 1 mm Borosil	11 – 00	5 Nos	55 – 00
64	Beaker 250 ml Borosil	48 – 00	5 Nos	240 – 00
65	Beaker 100 ml Borosil	40 – 00	5 Nos	200 – 00
66	Thistle funnel N/gl	35 – 00	5 Nos	175 – 00
67	Test tube stand plastic	48 – 00	5 Nos	240 – 00
68	Dissection box	125 – 00	3 Nos	375 – 00
69	Potassium hydroxide	99 – 00	500 gms	99 – 00
70	Sodium bicarbonates	80 – 00	500 gms	80 – 00
71	Hydrochloric Acid	90 – 00	500 ml	90 – 00
72	Sterlin	58 – 00	450 ml	58 – 00
73	Mercury	450 – 00	100 g	450 – 00
74	Rosin	50 – 00	25 gms	50 – 00
75	Fuchsia acid	32 – 00	100 gms	32 – 00
76	Gentian violet	52 – 00	100 gms	52 – 00
77	Grams iodine	83 – 00	100 gms	83 – 00
78	Methyl red	60 – 00	100 ml	60 – 00
79	Safranin sol	50 – 00	100 ml	50 – 00
80	Hammer Metal	30 – 00	1 Nos	30 – 00
81	Dissection tray enamel	200 – 00	1 Nos	200 – 00
82	Dissection board	45 – 00	1 Nos	45 – 00
83	Gaoong’s photo meter	125 – 00	4 Nos	500 – 00
84	Dight Sreen	75 – 00	4 Nos	300 – 00
85	Bell jar	280 – 00	5 Nos	1400 – 00
86	Physical balance with weight box	1600 – 00	2 Nos	3200 – 00
87	Fractional weight box with rjider	15 – 00	5 Nos	75 – 00

S. No.	PARTICULARS	RATE	QUANTITY	AMOUNT
88	Spring valance 100 to 500 gms	60 – 00	5 Nos	300 – 00
89	Meter scale	45 – 00	5 Nos	225 – 00
90	Half meter scale	15 – 00	5 Nos	75 – 00
91	Vernier calipuse C/B folder	65 – 00	5 Nos	325 – 00
92	Vernier involvet linedcase	165 – 00	2 Nos	330 – 00
93	Serew guage 25 mm/im	75 – 00	5 Nos	375 – 00
94	Spherometer 1 mm	65 – 00	5 Nos	325 – 00
95	Metar eylindens different metals	175 – 00	5 sets	875 – 00
96	Simpie pendulum appt (stand ,clamp boss head)	210 – 00	5 sets	
97	Geometrical models	130 – 00	4 sets	
98	Boyleis law appt with stand clamp with out mercury	475 – 00	4 Nos	
99	Specijie geacrity bottles 25cl	45 – 00	5 Nos	225 – 00
100	Travelling microscope elson	2569 – 00	1 No	2596 – 00
101	Spirit level	35 – 00	5 Nos	175 – 00
102	Capillary tubes	30 – 00	5 gross	150 – 00
103	Pulley	190 – 00	5 sets	950 – 00
104	Parallelogram of force appt (Board, 2 pulley, 3 slotted weights)	620 – 00	3 Nos	1860 – 00
105	Slotted weights 5X50 gm =250 gm	60 – 00	5 sets	300 – 00
106	Young's Modulus appt venires type	460 – 00	3 Nos	1380 – 00
107	D.C.C.wire	380 – 00	1 kg	380 – 00
108	Stop clock essal	450 – 00	3 Nos	1350 – 00
109	Thermometers 110 c	25 – 00	5 Nos	125 – 00
110	Copper calorimeter	120 – 00	3 Nos	360 – 00
111	Joule's calorimeter	250 – 00	3 Nos	750 – 00
112	Step down transformer	375 – 00	3 Nos	1125 – 00
113	Steam boiler I lit	275 – 00	3 Nos	825 – 00
114	Steam generator I lit	275 – 00	3 Nos	825 – 00
115	Optical bench Complete with uridevs lenses, mirror	470 – 00	3 Nos	1410 – 00
116	Spectrometer Elson	3750 – 00	1 No	3750 – 00
117	Diffraction gratings Indian	800 – 00	1 No	800 – 00
118	Spectrometer prism crown glass	420 – 00	2 Nos	840 – 00
119	Plain prism equilateral	45 – 00	5 Nos	225 – 00
120	Glass slab 75X50X18 mm	75 – 00	5 Nos	375 – 00
121	Magnifier 2" with metal frame	20 – 00	5 Nos	100 – 00
122	Bar magnets 2"	45 – 00	5 Nos	225 – 00
123	Bar magnets 3"	75 – 00	5 Nos	375 – 00
124	Magnetic campass both side glass	12 – 00	5 Nos	60 – 00
125	Drawing boards	125 - 00	5 Nos	625 – 00
126	Dip circle	1350 – 00	1 Nos	1350 – 00
127	Deflection magnetometer	390 – 00	3 Nos	1170 – 00
128	Sonameter with weights	480 – 00	2 sets	960 – 00
129	Resonance apparatus	475 – 00	3 Nos	1425 – 00
130	Wooden hammer with rubber cork	15 – 00	5 Nos	75 – 00
131	Zinc plates with terminals	20 – 00	3 Nos	60 – 00
132	Copper plates with terminals	30 – 00	1 No.	30 – 00
133	Battery 2 volts	275 – 00	3 Nos	825 – 00

S. No.	PARTICULARS	RATE	QUANTITY	AMOUNT
134	Battery eliminator 2-12v	480 – 00	3 Nos	1440 – 00
135	Galvanometer with mount 30-0-30	320 – 00	3 Nos	960 – 00
136	Tangent galvanometer	520 – 00	1 No	520 – 00
137	Ammeter with mount	320 – 00	3 Nos	960 – 00
138	Voltmeter with mount	320 – 00	3 Nos	960 – 00
139	Plug key 1 way	60 – 00	3 Nos	180 – 00
140	Plug key 2 way	75 – 00	3 Nos	225 – 00
141	Charge & dis change key	235 – 00	3 Nos	705 – 00
142	Meter bridge on deelam top	380 – 00	2 Nos	760 – 00
143	Cammcetatovs	90 – 00	3 Nos	270 – 00
144	Rheostats	650 – 00	3 Nos	1950 – 00
145	Resistance coils	25 – 00	3 Nos	75 – 00
146	High resistance	75 – 00	3 Nos	225 – 00
147	Resistance box	675 – 00	3 Nos	2025 – 00
148	Ohms law apparatus complete with wooden box	850 – 00	1 No	850 – 00
149	Reading Telescope	1200 – 00	1 No	1200 – 00
150	Enamel Bowles	60 – 00	5 Nos	300 – 00
				98887 – 00
	ADD: APGST. 12% on glassware & poly tevwae	Rs. 19,803 – 50	2,376 – 42	
	ADD: APGST 4.8% onother itens	79,084 – 00	6,326 – 08	
		Total -----	107590-00	
	Rupees one lakh seven thousand five hundred and ninety only			
	ANIL SCIENTIFIC & CHEMICALS	BILL NO. 225	Dt. 28/7/05	
S.No.	DISCRIPTION OF GOODS	QTY	RATE	AMOUNT
1	Magnesium acetate	500 g	180	180 – 00
2	Magnesium chloride	5 kg	815	815 – 00
3	Mercuric acetate	100 g	900	900 – 00
4	Sodium nitrate	100 g	810	810 – 00
5	Succinic sulphate	5 kg	825	825 – 00
6	Succinic acid	500 g	500	500 – 00
7	Aminobenzic acid	250 g	200	200 – 00
8	Hygroscopic	100 g	150	150 – 00
9	Bromoansole	150 g	400	400 – 00
10	Chloropridine	200 g	820	820 – 00
11	Copper (1) cyanide	500 g	500	500 – 00
12	Gunaniding Nitrate	500 g	490	490 – 00

	ANIL SCIENTIFIC & CHEMICALS	BILL NO. 225	Dt. 28/7/05	
13	Hydroxyl benzotriflu oxide	250 g	140	140 – 00
14	Methyle iodide	25 g	95	95 – 00
15	Piperiden	100 ml	600	600 – 00
16	Sodium chloroa cetate	500 ml	500	500 – 00
17	Pryridium	500 ml	800	800 – 00
18	Cupric acetate	250 ml	300	300 – 00
19	Cupric sulphate	500 ml	600	600 – 00
20	Cyclonexane	300 ml	350	350 – 00
21	Limium chloride	1 Lit	700	700 – 00
22	Lucas negut	2 Lit	700	1400 – 00
			Total -----	12,075 – 00
	ANIL SCIENTIFIC & CHEMICALS	BILL NO. 227	Dt. 28/7/05	
S.No.	DISCRIPTION OF GOODS	QTY	RATE	AMOUNT
1	Adapters	10101	415	415 – 00
2	Adapters	10119	600	600 – 00
3	Exaansio adapter	10205	520	520 – 00
4	Condensers	11232	800	800 – 00
5	Glass key stop cock	100 CAP	380	380 – 00
6	Glass key stop cock	50 CAP	600	600 – 00
7	Allhn condensers	600 MM	870	870 – 00
8	Flasks	250 MI	150	150 – 00
9	Separating funnels	500 CAP	480	480 – 00
10	Filter funnels	75 CAP	450	450 – 00
11	Cylinder	100 CAP	195	195 – 00
12	Cylinder	250 CAP	500	500 – 00
13	Sedarating funnel conical	500 CAP	500	500 – 00
14	Volumetric pipettes	50 CAP	178	178 – 00
15	Measuring pipettes	250	190	190 – 00
16	Conical Bottom	120X17	129	545 – 00
			Total -----	7502 – 00
	ANIL SCIENTIFIC & CHEMICALS	BILL NO. 228	Dt. 13/11/04	
S.No.	DISCRIPTION OF GOODS	QTY	RATE	AMOUNT
1	Bio-Models	30	200/-	6,000 – 00
2	Chemicals			
3	Hydrochloric acid	2 Lts	100/-	200 – 00
4	Sulphuric acid	5 Lts	100/-	500 – 00
5	Spirit	5 Lts	100/-	500 – 00
6	Formalin	10 Lts	50/-	500 – 00
7	50 Charts	50	100/-	5,000 – 00
				12,700 – 00

	ANIL SCIENTIFIC & CHEMICALS	BILL NO. 228	Dt. 28/7/05	
S.No.	DISCRIPTION OF GOODS	QTY	RATE	AMOUNT
1		10 Lts	300	3000 – 00
2	Sulphric acid	10 Lts	200	2000 – 00
3	Adcoholic Solutions	2 Lts		500 – 00
4	H Nitric acid			500 – 00
5	Sulphwric acid			500 – 00
6	Chloride	10 Lts	300	3000 – 00
7	Calcium carbonate	250 gm		500 – 00
8	Sodium Carbonate	250 gm		500 – 00
9	Zinc	100 gm		500 – 00
10	Soclum Niliate	100 gms		500 – 00
11	Magnesium carbonate			500 – 00
12	Fit set			500 – 00
13	Ferrous subphete			500 – 00
14	Ferrod chnomate			650 – 00
		-----	-----	2000 – 00
15	Ferrous salts			2000 – 00
16				1150 – 00
17	Potassium chromate	10 Pc	100	1300 – 00
18	Common in secck	3 Pc	100	600 -00
19	Ferrous acid	5 Pc	100	300 – 00
20	Methgle chloride	10 ml	100	500 – 00
21	Sodium Nitrate	100 ml	100	100 – 00
22	Sodium Nitrate	1 gm	450	100 – 00
23	Sodium sulphate	2 gm		200 – 00
24	Barium sulphal	2 gm		800 – 00
				600 – 00
				500 – 00
				400 – 00
				500 – 00
		-----	-----	25,000 – 00
S.No.	DISCRIPTION OF GOODS	QTY	RATE	AMOUNT
1	Filter paper			
2	Pipettle			
3	Chiue sh 3”			
4	Split lamp			
5	Burette 50 ml			
6	Reagent Botton flasle			
7	Round bottle			
8				
9				
10				