

ANNEX-B1- SPECIFICATIONS
High Lab Quantity SHEET

S.NO.	Items Description	Specification	Quantity for each lab	TOTAL high Labs	TOTAL quantity	Delivery Location
1	Algae & fungi	Prepared Glass Slide for analysis or observaion of micro organisms	2	20	40	ANNEX_B
2	Amoeba	Prepared Glass Slide for analysis or observaion of micro organisms	2	20	40	ANNEX_B
3	Animal cell	Prepared Glass Slide for analysis or observaion of micro organisms	2	20	40	ANNEX_B
4	Bacteria	Prepared Glass Slide for analysis or observaion of micro organisms	2	20	40	ANNEX_B
5	Blood cells	Prepared Glass Slide for analysis or observaion of micro organisms	2	20	40	ANNEX_B
6	Budding in yeast	Prepared Glass Slide for analysis or observaion of micro organisms	2	20	40	ANNEX_B
7	Cardiac muscle	Prepared Glass Slide for analysis or observaion of micro organisms	2	20	40	ANNEX_B
8	Cells hydrilla leaf	Prepared Glass Slide for analysis or observaion of micro organisms	2	20	40	ANNEX_B
9	Claymodomanas	Prepared Glass Slide for analysis or observaion of micro organisms	2	20	40	ANNEX_B
10	Collenchymas tissue	Prepared Glass Slide for analysis or observaion of micro organisms	2	20	40	ANNEX_B
11	Connective tissue	Prepared Glass Slide for analysis or observaion of micro organisms	2	20	40	ANNEX_B
12	Dicot (stem, root and leaf)	Prepared Glass Slide for analysis or observaion of micro organisms	2	20	40	ANNEX_B
13	Epidermal tissue	Prepared Glass Slide for analysis or observaion of micro organisms	2	20	40	ANNEX_B
14	Epithelial tissue	Prepared Glass Slide for analysis or observaion of micro organisms	2	20	40	ANNEX_B
15	Euglena	Prepared Glass Slide for analysis or observaion of micro organisms	2	20	40	ANNEX_B
16	Hydra	Prepared Glass Slide for analysis or observaion of micro organisms	2	20	40	ANNEX_B
17	Meiosis	Prepared Glass Slide for analysis or observaion of micro organisms	2	20	40	ANNEX_B
18	Mitosis	Prepared Glass Slide for analysis or observaion of micro organisms	2	20	40	ANNEX_B
19	Monocot (stem, root and leaf)	Prepared Glass Slide for analysis or observaion of micro organisms	2	20	40	ANNEX_B

S.NO.	Items Description	Specification	Quantity for each lab	TOTAL high Labs	TOTAL quantity	Delivery Location
20	Paramecium	Prepared Glass Slide for analysis or observaion of micro organisms	2	20	40	ANNEX_B
21	Plant cell	Prepared Glass Slide for analysis or observaion of micro organisms	2	20	40	ANNEX_B
22	Rhizopus	Prepared Glass Slide for analysis or observaion of micro organisms	2	20	40	ANNEX_B
23	Schlerenchyma tissue	Prepared Glass Slide for analysis or observaion of micro organisms	2	20	40	ANNEX_B
24	Small intestine	Prepared Glass Slide for analysis or observaion of micro organisms	2	20	40	ANNEX_B
25	Volvox	Prepared Glass Slide for analysis or observaion of micro organisms	2	20	40	ANNEX_B
26	White and red blood ceels	Prepared Glass Slide for analysis or observaion of micro organisms	2	20	40	ANNEX_B
27	Xylem tissue	Prepared Glass Slide for analysis or observaion of micro organisms	2	20	40	ANNEX_B
28	Xylem vessels	Prepared Glass Slide for analysis or observaion of micro organisms	2	20	40	ANNEX_B
29	yeast	Prepared Glass Slide for analysis or observaion of micro organisms	2	20	40	ANNEX_B
30	AScaris	Specimen in a Jar for study	1	20	20	ANNEX_B
31	Butterfly	Specimen for study	1	20	20	ANNEX_B
32	Centipede	Specimen in a Jar for study	1	20	20	ANNEX_B
33	Complete set of 25 preserved specimen for metric standard	Specimen in a Jar for study	1	20	20	ANNEX_B
34	Earth worm	Specimen in a Jar for study	1	20	20	ANNEX_B
35	Fish	Specimen in a Jar for study	1	20	20	ANNEX_B
36	Fresh aquatic plant (e.g. hydrilla)	Specimen in a Jar for study	1	20	20	ANNEX_B
37	Frog	Specimen in a Jar for study	1	20	20	ANNEX_B
38	Funaria	Specimen in a Jar for study	1	20	20	ANNEX_B
39	Fungi	Specimen in a Jar for study	1	20	20	ANNEX_B
40	Invertebrates	Specimen in a Jar for study	1	20	20	ANNEX_B
41	Jelly fish	Specimen in a Jar for study	1	20	20	ANNEX_B
42	Leech	Specimen in a Jar for study	1	20	20	ANNEX_B
43	Liver fluke	Specimen in a Jar for study	1	20	20	ANNEX_B
44	Lizard	Specimen in a Jar for study	1	20	20	ANNEX_B
45	Mushrooms	Specimen in a Jar for study	1	20	20	ANNEX_B
46	Pinus female cone	Specimen in a Jar for study	1	20	20	ANNEX_B
47	Pinus male cone	Specimen in a Jar for study	1	20	20	ANNEX_B
48	Planeria	Specimen in a Jar for study	1	20	20	ANNEX_B
49	Plant with variegated leaves preserved	Specimen in a Jar for study	1	20	20	ANNEX_B

S.NO.	Items Description	Specification	Quantity for each lab	TOTAL high Labs	TOTAL quantity	Delivery Location
50	Prawn	Specimen in a Jar for study	1	20	20	ANNEX_B
51	Snail/unio	Specimen in a Jar for study	1	20	20	ANNEX_B
52	Sea star	Specimen in a Jar for study	1	20	20	ANNEX_B
53	Sea urchin	Specimen in a Jar for study	1	20	20	ANNEX_B
54	Star fish	Specimen in a Jar for study	1	20	20	ANNEX_B
55	Sycon	Specimen in a Jar for study	1	20	20	ANNEX_B
56	Tape worm	Specimen in a Jar for study	1	20	20	ANNEX_B
57	Toad	Specimen in a Jar for study	1	20	20	ANNEX_B
58	Set of 20 charts	Charts of 20 different types for study	1	20	20	ANNEX_B
59	Amoeba Model	Model plastic for studying or analysis	1	20	20	ANNEX_B
60	Animal brain	Model plastic for studying or analysis	1	20	20	ANNEX_B
61	Animal cell	Model plastic for studying or analysis	1	20	20	ANNEX_B
62	Excretory system	Model plastic for studying or analysis	1	20	20	ANNEX_B
63	Human brain	Model plastic for studying or analysis	1	20	20	ANNEX_B
64	Human circulatory system	Model plastic for studying or analysis	1	20	20	ANNEX_B
65	Human digestive system	Model plastic for studying or analysis	1	20	20	ANNEX_B
66	Human DNA	Model plastic for studying or analysis	1	20	20	ANNEX_B
67	Human ear	Model plastic for studying or analysis	1	20	20	ANNEX_B
68	Human eye	Model plastic for studying or analysis	1	20	20	ANNEX_B
69	Human heart	Model plastic for studying or analysis	1	20	20	ANNEX_B
70	Human kidney	Model plastic for studying or analysis	1	20	20	ANNEX_B
71	Human lungs	Model plastic for studying or analysis	1	20	20	ANNEX_B
72	Human nervous system	Model plastic for studying or analysis	1	20	20	ANNEX_B
73	Human respiratory system	Model plastic for studying or analysis	1	20	20	ANNEX_B
74	Plant cell	Model plastic for studying or analysis	1	20	20	ANNEX_B
75	Plant tissue	Model plastic for studying or analysis	1	20	20	ANNEX_B
76	Ammonium chloride bio	Sigma Aldrich (chemical used in bio)	1	20	20	ANNEX_B
77	Amylase solution	Sigma Aldrich (chemical used in bio)	1	20	20	ANNEX_B
78	Benedicts solution	Sigma Aldrich (chemical used in bio)	1	20	20	ANNEX_B
79	Calcium carbonate	Sigma Aldrich (chemical used in bio)	1	20	20	ANNEX_B
80	Calcium oxide	Sigma Aldrich (chemical used in bio)	1	20	20	ANNEX_B
81	Caustic potash	Sigma Aldrich (chemical used in bio)	1	20	20	ANNEX_B
82	Cobalt chloride paper	Sigma Aldrich (chemical used in bio)	1	20	20	ANNEX_B
83	Copper Sulphate	Sigma Aldrich (chemical used in bio)	1	20	20	ANNEX_B
84	Distilled water	Sigma Aldrich (chemical used in bio)	1	20	20	ANNEX_B
85	Eosin solution	Sigma Aldrich (chemical used in bio)	1	20	20	ANNEX_B
86	Ethanol	Sigma Aldrich (chemical used in bio)	1	20	20	ANNEX_B
87	Fehling solution A&B	Sigma Aldrich (chemical used in bio)	1	20	20	ANNEX_B
88	Ferric chloride	Sigma Aldrich (chemical used in bio)	1	20	20	ANNEX_B
89	Formaldehyde	Sigma Aldrich (chemical used in bio)	1	20	20	ANNEX_B
90	Glucose	Sigma Aldrich (chemical used in bio)	1	20	20	ANNEX_B

S.NO.	Items Description	Specification	Quantity for each lab	TOTAL high Labs	TOTAL quantity	Delivery Location
91	Iodine solution	Sigma Aldrich (chemical used in bio)	1	20	20	ANNEX_B
92	Lime water	Sigma Aldrich (chemical used in bio)	1	20	20	ANNEX_B
93	Methylene blue solution	Sigma Aldrich (chemical used in bio)	1	20	20	ANNEX_B
94	Mohr salt	Sigma Aldrich (chemical used in bio)	1	20	20	ANNEX_B
95	Oxalic acid	Sigma Aldrich (chemical used in bio)	1	20	20	ANNEX_B
96	Alizarin Red Stain	Sigma Adlrich STAIN	1	20	20	ANNEX_B
97	CTC	Sigma Aldrich (chemical used in bio)	1	20	20	ANNEX_B
98	Pepsin	Sigma Aldrich (chemical used in bio)	1	20	20	ANNEX_B
99	Phenol	Sigma Aldrich (chemical used in bio)	1	20	20	ANNEX_B
100	Phenolphthalein	Sigma Aldrich (chemical used in bio)	1	20	20	ANNEX_B
101	Salvary amylase	Amylase	1	20	20	ANNEX_B
102	Sodium bicarbonate	Sigma Aldrich (chemical used in bio)	1	20	20	ANNEX_B
103	Sodium chloride	Sigma Aldrich (chemical used in bio)	1	20	20	ANNEX_B
104	Sodium citrate	Sigma Aldrich (chemical used in bio)	1	20	20	ANNEX_B
105	Sodium hydroxide	Sigma Aldrich (chemical used in bio)	1	20	20	ANNEX_B
106	Starch solution	Sigma Aldrich (chemical used in bio)	1	20	20	ANNEX_B
107	yeast	Sigma Aldrich (chemical used in bio)	1	20	20	ANNEX_B
108	Beaker 100ml	China (to keep chemical in a liquid state of bio)	6	20	120	ANNEX_B
109	Beaker500ml	China (to keep chemical in a liquid state of bio)	6	20	120	ANNEX_B
110	Blotting paper	paper used in practical	2	20	40	ANNEX_B
111	Bunsen burner	Iron (for flame)	4	20	80	ANNEX_B
112	Microscope L101 china	L 101 Model (for analysis of different biological slides)	2	20	40	ANNEX_B
113	Cotton wool	to use in various practical	2	20	40	ANNEX_B
114	Cover slip china	China (to make your own slide)	4	20	80	ANNEX_B
115	Dissecting box	having 18+ items (for dissection)	4	20	80	ANNEX_B
116	Dropper glass	glass (for dissection)	12	20	240	ANNEX_B
117	Dropper plastic	plastic (for dissection)	12	20	240	ANNEX_B
118	Filter paper whatmann 42 12.5cm	80gm (for filtration of chemicals residue)	2	20	40	ANNEX_B
119	Forceps 6 "	6" (for collection of chemical)	2	20	40	ANNEX_B
120	Glass lid	Glass (to keep chemical in a jar)	4	20	80	ANNEX_B
121	Glass slide china pkt	China (to make your own slide)	4	20	80	ANNEX_B
122	Graph paper	for studying in physics regarding graphs of different practical	6	20	120	ANNEX_B
123	Iron stand large size superior	for placing object above flame	2	20	40	ANNEX_B
124	Laboratory thermometer 110 C	to measure temperature of a liquid during practical	24	20	480	ANNEX_B
125	Lamp (spirit in)china glass	for flame or to heat chemical	6	20	120	ANNEX_B
126	First Aid Box	for safety of students	1	20	20	ANNEX_B
127	Molecular Model	to study atomic structure	1	20	20	ANNEX_B
128	Magnifying glass china	to magnifying litle objects	6	20	120	ANNEX_B

S.NO.	Items Description	Specification	Quantity for each lab	TOTAL high Labs	TOTAL quantity	Delivery Location
129	Ocular micrometer	physics practical	2	20	40	ANNEX_B
130	stage micrometer	physics practical	2	20	40	ANNEX_B
131	Petri dish 75mm	75 mm (to keep samples)	6	20	120	ANNEX_B
132	Pipette graduated 10 ml china	10ml HBG for titration	6	20	120	ANNEX_B
133	Sphygmomanometer (BP apparatus) DIGITAL	blood pressure montion	1	20	20	ANNEX_B
134	Test tube medium china	to keep samples	100	20	2000	ANNEX_B
135	Test tube holder	holder with grip (for test tube)	6	20	120	ANNEX_B
136	Test tube stand steel	Stain less steel (for keeping test tubes)	4	20	80	ANNEX_B
137	Tripod stand	to place above spirit lamp (iron made)	4	20	80	ANNEX_B
138	Digital Balance .1gm	Model SF400A (for weighing chemicals in small quantity)	1	20	20	ANNEX_B
139	Digital Balance 1gm	Model SF400 (for weighing chemicals in big quantity)	1	20	20	ANNEX_B
140	Bio scale	for weighing heavy items	1	20	20	ANNEX_B
141	Watch glass	to keep above samples	6	20	120	ANNEX_B
142	Water bath 1 hole	for sterllization	1	20	20	ANNEX_B
143	Wire gauge dozen	to place above flame	1	20	20	ANNEX_B
144	Vernier Caliper China	A + grade (for measuring dia)	3	20	60	ANNEX_B
145	Solid cylinder (for vernier calliper)	brass (for the correction of zero error of vernier calliper)	3	20	60	ANNEX_B
146	Screw guage China	A + grade (for measuring dia	3	20	60	ANNEX_B
147	Pendulum Bob set	brass (for callibration)	3	20	60	ANNEX_B
148	Spring balance	balance (measuring weight thorough hanging)	3	20	60	ANNEX_B
149	Stop watches	digital (for science practicals and measuring time)	3	20	60	ANNEX_B
150	Inclined plane with pulley	physics item	2	20	40	ANNEX_B
151	Meter rods	wooden (for measuring length)	6	20	120	ANNEX_B
152	Wedge	wooden (science practical)	6	20	120	ANNEX_B
153	Palne Mirror Strip	Mirror	6	20	120	ANNEX_B
154	Plumb line	with thread	6	20	120	ANNEX_B
155	Helical spring apparatus with weight	with weights (complete set)	4	20	80	ANNEX_B
156	Iron Stand	Iron	6	20	120	ANNEX_B
157	Weight Box	complete set	4	20	80	ANNEX_B
158	Physical balance model TG 928	Model TG 928 (Traditional Anaytical physical balance for weighing)	1	20	20	ANNEX_B
159	Small wooden bench	Wooden	6	20	120	ANNEX_B
160	Tuning Fork china set of 8	(for sound frequency)	1	20	20	ANNEX_B
161	Rubber pad	Rubber pad (for sound frequency)	6	20	120	ANNEX_B
162	Resonance tube apparatus	With Breakless plastic	2	20	40	ANNEX_B
163	Free Fall Apparatus digital	digital (for science practicals and measuring time)	1	20	20	ANNEX_B

S.NO.	Items Description	Specification	Quantity for each lab	TOTAL high Labs	TOTAL quantity	Delivery Location
164	Voltmeter (China)	china (electrical measuring voltage)	4	20	80	ANNEX_B
165	AM Meter (China)	china (electrical measuring current)	4	20	80	ANNEX_B
166	Galvanometer (China)	china (electrical measuring voltage)	4	20	80	ANNEX_B
167	Resistance boxe (F)	Fractional (measuring Resistance)	2	20	40	ANNEX_B
168	Resistance Box 500 Ohm	500ohm (measuring Resistance)	2	20	40	ANNEX_B
169	Resistance Box 1000 Ohm	1000ohm (measuring Resistance)	2	20	40	ANNEX_B
170	Resistance Box 5000 Ohm	5000ohm (measuring Resistance)	2	20	40	ANNEX_B
171	Resistance Box 10000 Ohm	10000ohm (measuring Resistance)	2	20	40	ANNEX_B
172	Compas	Analog (north, south, east , west pole)	12	20	240	ANNEX_B
173	Glass Slab	glass	12	20	240	ANNEX_B
174	Prisim 1.5"	1.5" (for light diffraction)	12	20	240	ANNEX_B
175	Circualr Coil Apparatus	with copper wire	2	20	40	ANNEX_B
176	force table Apparatus with weight	with weights (complete set)	2	20	40	ANNEX_B
177	AT Wood Machine	wooden with iron	2	20	40	ANNEX_B
178	Crocodile Clip	red and black (for terminals , used with electrodes)	12	20	240	ANNEX_B
179	Bar Magnets	for compass and electromagnet practical	6	20	120	ANNEX_B
180	Power Supply 5Volt	for supply of current in different practicals	2	20	40	ANNEX_B
181	Gate Set of 5	AND, OR , NOR, NAND, NOT (these 5 gates)	2	20	40	ANNEX_B
182	Smoke Sensor	for sensing of smoke	2	20	40	ANNEX_B
183	Heat Sensor	for sensing of heat	2	20	40	ANNEX_B
184	Thermistor	for physics practical	6	20	120	ANNEX_B
185	Laser Light	use in physics practical	2	20	40	ANNEX_B
186	Thread	used in physics	2	20	40	ANNEX_B
187	Digital Balance .1gm	Model SF400A (for weighing chemicals in small quantity)	1	20	20	ANNEX_B
188	Digital Balance 1gm	Model SF400 (for weighing chemicals in big quantity)	1	20	20	ANNEX_B
189	Jokey	use in physics practical	4	20	80	ANNEX_B
190	One Way Key	use in physics practical	2	20	40	ANNEX_B
191	Two Way Key	use in physics practical	2	20	40	ANNEX_B
192	Meldies Apparatus	use in physics practical	2	20	40	ANNEX_B
193	Horse Pully	use in physics practical	2	20	40	ANNEX_B
194	Fixed Pulley Apparatus	use in physics practical	2	20	40	ANNEX_B
195	Cell Box Single	use in physics practical	2	20	40	ANNEX_B
196	Cell Box Double	use in physics practical	2	20	40	ANNEX_B
197	Concave mirror	Light practical	6	20	120	ANNEX_B
198	Convex Mirror	Light practical	6	20	120	ANNEX_B
199	Convex Lens	Light practical	6	20	120	ANNEX_B
200	Concave Lens	Light practical	6	20	120	ANNEX_B
201	Knitting needle	Light practical	12	20	240	ANNEX_B

S.NO.	Items Description	Specification	Quantity for each lab	TOTAL high Labs	TOTAL quantity	Delivery Location
202	Mirror Stand	Light practical	6	20	120	ANNEX_B
203	Lense Stand	Light practical	6	20	120	ANNEX_B
204	Slide wire bridge	physics practical	2	20	40	ANNEX_B
205	Drawing board	for doing practicals related to light	12	20	240	ANNEX_B
206	Searl Apparatus	physics practical	2	20	40	ANNEX_B
207	Common pin	to place paper on drawing board	3	20	60	ANNEX_B
208	Thumb pin	to place paper on drawing board	3	20	60	ANNEX_B
209	Power supply for gate	supply of current	2	20	40	ANNEX_B
210	Optical Banch	Light practical	6	20	120	ANNEX_B
211	Diffraction grating	Light practical	2	20	40	ANNEX_B
212	Sonometer	Electrical Practical	2	20	40	ANNEX_B
213	Potentiometer	Electrical Practical	2	20	40	ANNEX_B
214	Capacitors	Electrical Practical	12	20	240	ANNEX_B
215	12 V Battery	producing current	1	20	20	ANNEX_B
216	Semi conductor Diode	Electrical Practical	2	20	40	ANNEX_B
217	NPN transistor	Electrical Practical	2	20	40	ANNEX_B
218	Photo cell	Electrical Practical	2	20	40	ANNEX_B
219	Step Down transformer	Electrical Practical	2	20	40	ANNEX_B
220	Multimeter	Electrical Practical	2	20	40	ANNEX_B
221	Nichrome Wire 500gm	Electrical Practical	1	20	20	ANNEX_B
222	Hypsometer	Electrical Practical	4	20	80	ANNEX_B
223	Burglar Alarm	Electrical Practical	2	20	40	ANNEX_B
224	Resistance different	to provide resistance	50	20	1000	ANNEX_B
225	2 4 Dinitrophenyl hydrazine lit	Sigma Aldrich (chemical used in Chemistry practicals)	1	20	20	ANNEX_B
226	2-Propanol 2.5 lit	Sigma Aldrich (chemical used in Chemistry practicals)	1	20	20	ANNEX_B
227	Acetic Acid 2.5 lit	Sigma Aldrich (chemical used in Chemistry practicals)	1	20	20	ANNEX_B
228	Acetone 2.5 lit	Sigma Aldrich (chemical used in Chemistry practicals)	1	20	20	ANNEX_B
229	Activated Charcoal kg	Sigma Aldrich (chemical used in Chemistry practicals)	1	20	20	ANNEX_B
230	Aluminum Chloride kg	Sigma Aldrich (chemical used in Chemistry practicals)	1	20	20	ANNEX_B
231	Aluminum Foil	Sigma Aldrich (chemical used in Chemistry practicals)	1	20	20	ANNEX_B
232	Ammonia Solution 2.5 lit	Sigma Aldrich (chemical used in Chemistry practicals)	1	20	20	ANNEX_B
233	Ammonium Hydroxide 2.5 lit	Sigma Aldrich (chemical used in Chemistry practicals)	1	20	20	ANNEX_B

S.NO.	Items Description	Specification	Quantity for each lab	TOTAL high Labs	TOTAL quantity	Delivery Location
234	Ammonium chloride kg	Sigma Aldrich (chemical used in Chemistry practicals)	1	20	20	ANNEX_B
235	Barium Chloride kg	Sigma Aldrich (chemical used in Chemistry practicals)	1	20	20	ANNEX_B
236	Barium Sulfate kg	Sigma Aldrich (chemical used in Chemistry practicals)	1	20	20	ANNEX_B
237	Benzene, 2.5 Lit	Sigma Aldrich (chemical used in Chemistry practicals)	1	20	20	ANNEX_B
238	Bleaching Powder kg	Sigma Aldrich (chemical used in Chemistry practicals)	1	20	20	ANNEX_B
239	Borax kg	Sigma Aldrich (chemical used in Chemistry practicals)	1	20	20	ANNEX_B
240	Bromine water lit	Sigma Aldrich (chemical used in Chemistry practicals)	1	20	20	ANNEX_B
241	Calcium Carbonate kg	Sigma Aldrich (chemical used in Chemistry practicals)	1	20	20	ANNEX_B
242	Calcium Chloride kg	Sigma Aldrich (chemical used in Chemistry practicals)	1	20	20	ANNEX_B
243	Carbonic Acid Lit	Sigma Aldrich (chemical used in Chemistry practicals)	1	20	20	ANNEX_B
244	Citric Acid kg	Sigma Aldrich (chemical used in Chemistry practicals)	1	20	20	ANNEX_B
245	Alizarin Red 25gm	Sigma Adlrich STAIN	1	20	20	ANNEX_B
246	Copper Sulfate kg	Sigma Aldrich (chemical used in Chemistry practicals)	1	20	20	ANNEX_B
247	Disodium-EDTA kg	Sigma Aldrich (chemical used in Chemistry practicals)	1	20	20	ANNEX_B
248	Tartaric Acid kg	Sigma Aldrich (chemical used in Chemistry practicals)	1	20	20	ANNEX_B
249	Ethanol 2.5 Lit	Sigma Aldrich (chemical used in Chemistry practicals)	1	20	20	ANNEX_B
250	Ethyl Acetate 2.5 Lit	Sigma Aldrich (chemical used in Chemistry practicals)	1	20	20	ANNEX_B
251	Ferric Chloride kg	Sigma Aldrich (chemical used in Chemistry practicals)	1	20	20	ANNEX_B
252	Fehling solution Set (A+B) Lit	Sigma Aldrich (chemical used in Chemistry practicals)	1	20	20	ANNEX_B
253	Glycerin Lit	Sigma Aldrich (chemical used in Chemistry practicals)	1	20	20	ANNEX_B
254	Glycine 100gm	Sigma Aldrich (chemical used in Chemistry practicals)	1	20	20	ANNEX_B

S.NO.	Items Description	Specification	Quantity for each lab	TOTAL high Labs	TOTAL quantity	Delivery Location
255	Hydrochloric Acid (H C L)2.5 Lit	Sigma Aldrich (chemical used in Chemistry practicals)	1	20	20	ANNEX_B1
256	Hydrogen Peroxide lit	Sigma Aldrich (chemical used in Chemistry practicals)	1	20	20	ANNEX_B
257	Iodine 100gm	Sigma Aldrich (chemical used in Chemistry practicals)	1	20	20	ANNEX_B
258	Fine iron Powder 500gm	Sigma Aldrich (chemical used in Chemistry practicals)	1	20	20	ANNEX_B
259	Iso Amyl Alcohol2.5 Lit	Sigma Aldrich (chemical used in Chemistry practicals)	1	20	20	ANNEX_B
260	Ketone 2.5Lit	Sigma Aldrich (chemical used in Chemistry practicals)	1	20	20	ANNEX_B
261	Xylenol Orange 5gm	Sigma Aldrich STAIN	1	20	20	ANNEX_B
262	Magnesium Ribbon	Sigma Aldrich (chemical used in Chemistry practicals)	1	20	20	ANNEX_B
263	Methanol 2.5 lit	Sigma Aldrich (chemical used in Chemistry practicals)	1	20	20	ANNEX_B
264	Methyl Orange 25 gm	Sigma Aldrich INDICATOR	1	20	20	ANNEX_B
265	Erichrome Black T	Sigma Aldrich (chemical used in Chemistry practicals)	1	20	20	ANNEX_B
266	Spirit Lit	Sigma Aldrich (chemical used in Chemistry practicals)	1	20	20	ANNEX_B
267	Mohr's Salt kg	Sigma Aldrich (chemical used in Chemistry practicals)	1	20	20	ANNEX_B
268	CTC 2.5 Lit	Sigma Aldrich (chemical used in Chemistry practicals)	1	20	20	ANNEX_B
269	Nitric Acid2.5 lit	Sigma Aldrich (chemical used in Chemistry practicals)	1	20	20	ANNEX_B
270	Orthophosphoric acid2.5 lit	Sigma Aldrich (chemical used in Chemistry practicals)	1	20	20	ANNEX_B
271	Oxalic Acid kg	Sigma Aldrich (chemical used in Chemistry practicals)	1	20	20	ANNEX_B
272	Phenolphthalein 25gm	Sigma Aldrich (chemical used in Chemistry practicals)	1	20	20	ANNEX_B
273	Wax kg	Sigma Aldrich (chemical used in Chemistry practicals)	1	20	20	ANNEX_B
274	Plaster of Parris kg	Sigma Aldrich (chemical used in Chemistry practicals)	1	20	20	ANNEX_B
275	Potassium dichromate kg	Sigma Aldrich (chemical used in Chemistry practicals)	1	20	20	ANNEX_B

S.NO.	Items Description	Specification	Quantity for each lab	TOTAL high Labs	TOTAL quantity	Delivery Location
276	Potassium hydroxide	Sigma Aldrich (chemical used in Chemistry practicals)	1	20	20	ANNEX_B
277	Potassium Per Magnate 500gm	Sigma Aldrich (chemical used in Chemistry practicals)	1	20	20	ANNEX_B
278	Pyridine Lit	Sigma Aldrich (chemical used in Chemistry practicals)	1	20	20	ANNEX_B
279	Silver Nitrate 25gm	Sigma Aldrich INDICATOR	1	20	20	ANNEX_B
280	Sodium bicarbonate kg	Sigma Aldrich (chemical used in Chemistry practicals)	1	20	20	ANNEX_B
281	Sodium Carbonate kg	Sigma Aldrich (chemical used in Chemistry practicals)	1	20	20	ANNEX_B
282	Sodium Chloride kg	Sigma Aldrich (chemical used in Chemistry practicals)	1	20	20	ANNEX_B
283	Starch Soluble kg	Sigma Aldrich (chemical used in Chemistry practicals)	1	20	20	ANNEX_B
284	Sulfuric Acid 2.5 Lit	Sigma Aldrich (chemical used in Chemistry practicals)	1	20	20	ANNEX_B
285	Sulphur kg	Sigma Aldrich (chemical used in Chemistry practicals)	1	20	20	ANNEX_B
286	Zinc Chloride kg	Sigma Aldrich (chemical used in Chemistry practicals)	1	20	20	ANNEX_B
287	Zinc Sulphate kg	Sigma Aldrich (chemical used in Chemistry practicals)	1	20	20	ANNEX_B
288	Beaker 1000ml CHINA	China (to keep chemical in a liquid state of chemistry)	6	20	120	ANNEX_B
289	Beaker 100ml CHINA	China (to keep chemical in a liquid state of chemistry)	12	20	240	ANNEX_B
290	Beaker 250 ml CHINA	China (to keep chemical in a liquid state of chemistry)	12	20	240	ANNEX_B
291	Beaker 500ml CHINA	China (to keep chemical in a liquid state of chemistry)	6	20	120	ANNEX_B
292	Beaker 50ml CHINA	China (to keep chemical in a liquid state of chemistry)	12	20	240	ANNEX_B
293	Blood Lancet packet	used in bio	2	20	40	ANNEX_B
294	Blood Sample Collection Tubes CHINA pkt	vials with activator	1	20	20	ANNEX_B
295	Bell jar CHINA	China (to keep chemical in a liquid state)	2	20	40	ANNEX_B
296	Bucner Funnel 90mm CHINA	china (for filtration)	2	20	40	ANNEX_B
297	Burette rota flow	50ml (for titration)	6	20	120	ANNEX_B
298	Capillaries tube voil	glass	6	20	120	ANNEX_B
299	China Dish 60cc CHINA	60cc (to keep chemical in solid state)	6	20	120	ANNEX_B
300	Conical flask 1000ml CHINA	China (to keep chemical in a liquid state)	6	20	120	ANNEX_B

S.NO.	Items Description	Specification	Quantity for each lab	TOTAL high Labs	TOTAL quantity	Delivery Location
301	Conical Flask 100ml CHINA	China (to keep chemical in a liquid state)	6	20	120	ANNEX_B
302	Conical Flask 250ml CHINA	China (to keep chemical in a liquid state)	6	20	120	ANNEX_B
303	Conical Flask 500ml CHINA	China (to keep chemical in a liquid state)	6	20	120	ANNEX_B
304	Cotton Roll	cotton used in spirit lamp	2	20	40	ANNEX_B
305	Cotton Swab packet	for sterrlization	1	20	20	ANNEX_B
306	Condenser CHINA	for liquid practical	2	20	40	ANNEX_B
307	Cylinder 100 ml CHINA	measuring liquid	6	20	120	ANNEX_B
308	Cylinder 250 ml CHINA	measuring liquid	6	20	120	ANNEX_B
309	ESR Stand	to maintain ESR tubes safely	2	20	40	ANNEX_B
310	ESR Tube	Bio practical	6	20	120	ANNEX_B
311	Face Masks	for safety of students	1	20	20	ANNEX_B
312	Filter Paper whatmann 12.5 cm 42 No	for filtration	2	20	40	ANNEX_B
313	Funnel 75mmCHINA	75mm use with filter paper	6	20	120	ANNEX_B
314	Glass Bottles for sample 125ml WM	to keep chemical samples	2	20	40	ANNEX_B
315	Glass Rods	for stirring	12	20	240	ANNEX_B
316	P H Paper roll	to measure ph	6	20	120	ANNEX_B
317	Pestle & Mortor Porcelain CHINA 5"	to make powder of chemical	2	20	40	ANNEX_B
318	Petri Dish 75mm CHINA	to keep samples	6	20	120	ANNEX_B
319	Pipette 10ml	for titration of liquid	6	20	120	ANNEX_B
320	Bulb Pipette 5ml	for titration of liquid	6	20	120	ANNEX_B
322	Reagent Bottle 1000ml	to keep hot chemical	6	20	120	ANNEX_B
323	Reagent Bottle 125ml	to keep hot chemical	6	20	120	ANNEX_B
324	Reagent Bottle 250ml	to keep hot chemical	6	20	120	ANNEX_B
325	Reagent Bottle 500ml	to keep hot chemical	6	20	120	ANNEX_B
326	Round Bottom Flask 250 ml	for heating chemical	6	20	120	ANNEX_B
327	Round Bottom Flask 1000 ml	for heating chemical	6	20	120	ANNEX_B
328	Separating Funnel 500ml CHINA	for separation of solute or solvent	6	20	120	ANNEX_B
329	Spirit Lamp	for heating chemical	6	20	120	ANNEX_B
330	Spatula	to take chemical without touching it	12	20	240	ANNEX_B
331	Test Tube 15x150mm	to keep samples of liquid	100	20	2000	ANNEX_B
332	Test Tube Stand steel	to keep test tube safely	4	20	80	ANNEX_B
333	Test Tube with Cap	to keep sample for many days	12	20	240	ANNEX_B
334	Threads	multiple purposes	2	20	40	ANNEX_B
335	Thistle Funnel	for filter paper	12	20	240	ANNEX_B
336	Tripod Stand	to place above spirit lamp in chemistry	6	20	120	ANNEX_B
337	V Flask 250ml CHINA	used in practicals in which gas formed	6	20	120	ANNEX_B
338	V Flask 500ml CHINA	used in practicals in which gas formed	6	20	120	ANNEX_B
339	V Flask 1000ml CHINA	used in practicals in which gas formed	6	20	120	ANNEX_B
340	Wash bottle CHINA	for sterrlization bvia chemical	6	20	120	ANNEX_B
341	Watch Glass 3"	to place above glass items	12	20	240	ANNEX_B
342	Burette stand	for placing burette	2	20	40	ANNEX_B

S.NO.	Items Description	Specification	Quantity for each lab	TOTAL high Labs	TOTAL quantity	Delivery Location
343	Bunsen burner	for heating or flame	2	20	40	ANNEX_B
344	Calorimeter	practical in chemistry	2	20	40	ANNEX_B
345	Chromatographic tank	to study the process of chromatography	2	20	40	ANNEX_B
346			1	20	20	ANNEX_B
347			1	20	20	ANNEX_B
348	Digital balance .1gm , 1gm + 10kg	weighing different chemicals	1	20	20	ANNEX_B
349	Chromatographic paper	to study the process of chromatography with tank	2	20	40	ANNEX_B
350	Funnel stand	to place funnel	2	20	40	ANNEX_B
351	Gloves pkt (disposable)	for safety of students	2	20	40	ANNEX_B
352	Iron stand	used in heating process	4	20	80	ANNEX_B
353	Lab Coat	for safety of students	4	20	80	ANNEX_B
354	Litmus paper	for measuring litmus	12	20	240	ANNEX_B
355	pH meter Portable CHINA	to measure ph	1	20	20	ANNEX_B
356	TDS meter China portable	to measure tds	1	20	20	ANNEX_B
357	Safety goggles	for safety of students	4	20	80	ANNEX_B
358	Sand bath	during sterilization	6	20	120	ANNEX_B
359	Autoclave bottle CHINA	special bottle which can be placed in high temperature	1	20	20	ANNEX_B
360	Wire gauze dozen	to safe beakers from breakage during heating	3	20	60	ANNEX_B