



LIST OF LABORATORY EQUIPMENT SSC LEVEL

Chemistry					
S.NO	EQUIPMENT	Quantity	S.NO	EQUIPMENT	Quantity
1	Watch Glass	Min 3	74	Measuring Flask	05
2	Magnet	Each For Group Of Five	75	Physical Balance	02
3	Iron Fillings	02-Kg	76	Weight Box	05
4	Sand	10	77	Dropper	03
5	Tripod Stand	10	78	Sodium Hydroxide	03
6	Thermometer	10	79	Sodium Carbonate	10
7	Bunsen Burner	05	80	Pipette	02-kg
8	Stirrers	10	81	Hydrochloride Acid	02-kg
9	Capillary Tube	20	82	Oxalic Acid	10
10	Wire Gauze	10	83	Volumetric Flask	02-Bottle
11	Breakers Smalls	10	84	Gown	02-Bottle
12	Naphthalene	01-Kg	85	Sprit	05
13	Sulfuric Acid	02-Bottle	86	Bernol	01
14	Biphenyl	01-Bottle	87	Gloves	01- Bottle
15	Fusion Tube	200	88	Cloth Glycerin	01-Tube
16	Acetone Carbon Disulphide	02 - Bottle	89	Benzene	01-Tube
17	Ethyl Alcohol NH ₃ Solution	01-kg	90	Naphthalene	500-ml
18	Naphthalene ,Benzene	01-kg	91	Manganese Dioxide	500-ml
19	Ice Cube	02	92	Ammonium Chloride	500-gm
20	Condenser Formaldehyde	01	93	Tantric Acid	500-ml
21	Fractionating Column	01	94	Marble Chips	01-kg
22	Crucible	05	95	Starch	01-kg
23	Polystyrene Cup	30	96	Silver Nitrate	02-kg
24	Digital Balance	05	97	Loc	01-kg
25	Stirrer	10	98	Flam	500-gm
26	Copper Sulphate	02-Kg	99	Gas Gars	1/2-kg
27	Funnel	10	100	Titration Flask	20
28	China Dish	10	101	Aldehyde	20
29	Cotton	20-Role	102	NaOH	01-kg
59	NaOH	01-kg	103	AgNO ₃	10-gm
60	Test Tubes	50	104	NH ₃	01-L
61	Iron Nail	10-gm	105	Fructose	01-kg
62	FeS	500- gm	106	Test tube holder	50
63	CuSO ₄ .5 H ₂ O	01- kg	107	Acetic Acid	01-L
64	Iron dust	01-kg	108	Solid Na ₂ CO ₃	01-kg
65	Sulphur	01-kg	109	FeCl ₃	50- gm
66	Cork	100	110	Cinnamic Acid	500-gm
67	Delivering Tube s	10	111	KmNo ₄	01-kg
68	Mortar and pestle	01	112	Ethene	200-gm
69	Marble chips	01-kg	113	China dish	20
70	Lime water	01-L	116	Ammonium Nitrate	500-gm
71	Wax	500-gm	117	Beakers	10
72	Glass Rod	10	118	Soap	10
73	Ammonium Chloride	50 -gm	119	Test tube small + large	50-50
120	Test tube rack	05	142	Wolf Bottle	10

121	Plastic bottles	10	143	Magnesium Strip	500-gm
122	Syringes	50	144	Thermometer	05
123	Tripod	10	145	Filter Paper	02-Rolls
124	H ₂ SO ₄	2-L	146	Mustard oil	01
125	Oxalic acid	2-kg	147	Sucrose	01-kg
126	Hcl	2-L	148	Battery (6v)	02
127	Methyl orange	01	149	Bulb	02
128	Na ₂ CO ₃	2 -kg	150	Graphite Electrodes	02
129	Knife	10	151	Card Board	02
130	PH Paper stand color chart	10	152	Switch or key	05
131	Glass Rod	10	153	Distillation Chamber	01
132	Soda water	1-L	154	Sugar	01-kg
133	Red and blue litmus paper	05	155	Nacl	01-kg
134	Salt (Nacl)	1-kg	156	Vinegar	01-L
135	Washing Soda	1-kg	157	HCl	1/5-L
136	Spirit lamp	10	158	Cork	2- packet
137	Glucose	1-kg	159	Round Bottom Flask	10
138	Spoon Steel	05	160	Spatula	20
139	Cork Borer	10	161	Platinum wire	500-gm
140	Gaze	10	162	Sodium metal	500-gm
141	CHCl ₃	½-L	163	Periodic Table	10



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Physics					
S.NO	EQUIPMENT	Quantity	S.NO	EQUIPMENT	Quantity
1	Glass Slab	10	36	NAND gate	01
2	Common pins	02 box	37	NOR gate	01
3	Drawing Pins	02 box	38	NOT gate	05
4	White Paper	02-Ream	39	AND gate	05
5	Drawing Board	05	40	OR gate	05
6	Protector 05	05	41	D.C power Supply	05
7	Concave Mirror large focal length	10	42	Thermometer	05
8	Concave Mirror Small focal length	10	43	Small Wooden bench	01
9	Stand	10	44	Syringes 5ml	02
10	Meter Rod	05	45	Liquid	01
11	Sharp pointed meter rod	20	46	Hypsometer	10
12	Plumb line	20	47	Lead shot	01
13	Beaker small and large siz	20	48	Sprit lamp	05
14	Knitting needles	10	49	Sprit lamp	10
15	Wooden Block	20	50	Graph paper	10
16	Glass Prism	10	51	Tissue paper one Role	10
17	Lens upright	20	52	Spring Balance	10-sheets
18	Optical Bench	10	53	pan	01-role
19	Convex lens of short focal length	10	54	Meter rod	05
20	Convex lens of large focal length	10	55	Roller with Hook	05
21	Connecting wire	01	57	String 05 meter	10
22	Rheostat	01	58	Chalk	10
23	Voltmeter	05	59	White sheet of paper	05 meter
24	Battery	05	60	Palme mirror strip	10
25	Ammeter	05	61	Metallic bob	01- Bundle
26	R1 and R2 Resistance	05	62	Drawing Pins two box	05
27	Galvanometer	03	63	Helical Spring	10
28	Dry cell 1.5 volts	20	64	Graduated scale in centimeter	2-box
29	Bar Magnet	10	65	Hanger With Pointer	10
30	Compass	05	66	Iron Stands	20
31	Needle	20	67	Split Cork	05
32	Rubber	20	68	Stop Watch	01
33	Circular Coil	05	69	Laser Light	02
34	Vernier Caliper	04	70	Crocodile Chips	20
35	Screw Gauge	04	71	LED indicator module	01



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Biology					
S.NO	EQUIPMENT	Quantity	S.NO	EQUIPMENT	Quantity
1	Stop watch	05	45	Razor Needle	10
2	Graph paper	10	46	Bulb (onion)	1-kg
3	Water Tube	05	47	Stem tuber (potato)	1-kg
4	Rubber Tube	02	48	Corm (Colocasia)	1-kg
5	Graduated Cylinder	10	49	Blade	02
6	Beehive shelf	10	50	Rose plant	02
7	Conical flask	10	51	Gram seeds	½-kg
8	Lime water	1-L	52	Maize grain	½-kg
9	Glass tube	10	53	Magnifying lens	02
10	Cork lids	10	54	Mustard seeds	½-kg
11	Cigarette	1-pack	55	Wheat and gram seeds	½-kg
12	Lighter	01	56	Filter paper	10
13	White tissue paper role	01	57	Aquarium	01
14	Cotton Role	02	58	Jars 05	05
15	Stand	10	59	Yeast	½-kg
16	Funnel	10	60	Wire gauze	10
17	Kidney model	02	61	Burner	02
18	Chart of human nervous system	02	62	Rennin	500gm
19	Scalpel	02	63	Pinus	01
20	Stethoscope	01	64	Mulberry	01
21	Dissecting box	05	65	Aloevera	01
22	D.C Battery 12 v	02	66	Water melon	01
23	Petri dish	10	67	Soaked seeds	
24	Ringer Solution	500-ml	68	Vegetable oil	500-gm
25	Wires	2-meter	69	Polythene bags	50
26	Dissecting dish	03	70	Vaseline	01
27	Model or Charts of human eyes	02	71	Bell jars	02
28	Rib bone of lamb	02	72	Lime water	01- L
29	Slides	1-Pack	73	Black pepper	100-gm
30	Cover slips	1- Pack	74	Alcohol	01-L
31	Photomicrograph	02	75	Iodine	½- L
32	Microscope electrical + compound	01	76	Test Tube Stand	05
33	Test tube holder	05	77	Turtle	01
34	Tripod	05	78	Tortoise	01
35	Potted plant	10	79	Chamaeleon	01
36	Glass funnel	05	80	Ostrich	01
37	Sodium bicarbonate	500-gm	81	Heron	01
38	Potassium hydroxide	500-gm	82	Pigeon	01
39	Sycon	01	83	Crocodile	01
40	Verongia	01	84	Hook worm	01
41	Spongila	01	85	Trichina worm	01
42	Planaria	01	86	Ascaris	01
43	Tape worm	01	87	Peanut worm	01
44	Flatworm	01	88	Oyster	01

S.NO	EQUIPMENT	Quantity	S.NO		
89	Scorpion	05			
90	Filaria	01			
91	Neries worm	01			
92	Leech worm	01			
93	Earth worm	01			
94	Snail	01			
95	Octopus	01			
96	Squids	01			
97	Prawn	01			
98	Moth	01			
99	Sea urchin	01			
100	Star fish	01			
101	Caek urchin	01			
102	Shark	01			
103	Trout	01			
104	Mahasser	01			
105	Rohu	01			
106	Salamander	01			
107	Frog	01			
108	Ameba	02			
109	Yeast	02			
110	Chlaymodonos	02			
111	Maze Stem	02			
112	Maze Leaf	02			
113	Paramecium	02			
114	Mitosis	1-set			
115	Meosis	1-set			
116	Methylene solution	1000-ml			
117	Starch solution	500-ml			
118	Benedict solution	500-ml			
119	Amylase solution	500-ml			
120	Glucose solution	100-ml			
121	Cobalt chloride paper	1-Dozen			
122	Cellophane tape	1-packet			
123	Paper clips	1-Dozen			
124	Cosin Solution	1000-ml			
125	Blood grouping kit	01			
126	Papsin Solution	300-ml			
127	Potassium hydroxide	500-gm			