



Food and Agriculture Science Lab

Grand Asian University Sialkot



Chemicals & Reagents			Glassware & Laboratory Equipment		
Sr. No.	Article	Quantity	Sr. No.	Item	Quantity
1	Calcium chloride	500 grams	1	Conical flask (25 ml)	3 No
2	Potassium permanganate	1 kg	2	Conical flask (50 ml)	3 No
3	Sodium hydroxide	1 kg	3	Conical flask (100 ml)	3 No
4	Sodium sulphate (anhydrous)	1 kg	4	Conical flask (1000 ml)	7 No
5	Di-chlorophenol indophenol dye	250 grams	5	Conical flask (2000 ml)	1 No
6	Sucrose (100% pure)	1 kg	6	Beaker (100 ml)	3 No
7	Potassium iodide	1 kg	7	Beaker (250 ml)	4 No
8	Potassium sodium tartrate	1 kg	8	Beaker (500 ml)	3 No
9	Sodium hypochlorite	2.5 liters	9	Beaker (1000 ml)	4 No
10	Potassium phosphate (monobasic)	1 kg	10	Burette (5 ml)	1 No
11	Sodium thiosulphate pentahydrate	2 kg	11	Burette (10 ml)	1 No
12	Sodium phosphate dibasic dihydrate	1 kg	12	Burette (25 ml)	1 No
13	Sodium citrate tribasic dihydrate	1 kg	13	Burette stand	1 No
14	Aluminum potassium sulphate dodecahydrate	01 No	14	Pipette (5 ml)	3 No
15	Potassium oxalate monohydrate	1 kg	15	Pipette (10 ml)	3 No
16	Potassium permanganate	1 kg	16	Funnel	3 No
17	Guaiaicol	250 grams	17	Micro pipette	1 No
18	Phenolphthalein	100 grams	18	Pipette saucer	3 No
19	Filter paper No.1	1 pack	19	Measuring cylinder (50 ml)	3 No
20	Copper sulphate	100 grams	20	Petri dish	3 No
21	Sulphuric acid	2.5 liters	21	China dish	3 No
22	Nutrient agar	1 kg	22	Test tubes	51 No
23	Hydrochloric acid	2.5 liters	23	Blood glucose meter	1 No
24	Methyl alcohol	2.5 liters	24	Barometer	1 No
25	Methylene blue indicator	100 grams	25	Hydrometer	1 No
26	Ethyl alcohol	2.5 liters	26	Stature meter	1 No
27	Iron sulphate heptahydrate	1 kg	27	Height meter	1 No
28	Starch	1 kg	28	Vacuum sealer	1 No
29	Copper sulphate pentahydrate	1 kg	29	Water bath	1 No
30	Vitamin C (Ascorbic acid)	100 g	30	Flask (500 ml)	4 pieces
31	Magnesium sulphate heptahydrate (pure)	1 kg	31	Reagent bottles	43
32	Glacial acetic acid	2.5 liters	32	Breaker (50ml)	3
33	L-Ascorbic acid	500 grams	33	Dripping bottles	3
34	Hydrogen peroxide	2.5 liters	34	Storage container	1
35	Buffer solution	1 liter	35	Weighing Machine	1
36	Buffer solution	1 liter	36	Digital Weighing Balance	1
37	Oxalic acid hydrate	1 kg	37	Skinfold Caliper	1
38	Calcium chloride dihydrate	500 grams	38	Pulse Oximeter	1

39	Sodium acetate anhydrous	1 kg	39	Height Measuring Tape	1
40	Phenolphthalein	250 grams	40	Measuring Tape	1
			41	Glucometer	1

Kitchen Appliances & Food Preparation Equipment			Measurement / Clinical Equipment		
	Item	Quantity		Item	Quantity
1	Stove	1	1	Blood Glucose Meter	1
2	Oven	1	2	Barometer	1
3	Microwave	1	3	Hydrometer	1
4	Blender	1	4	Height Measuring Stature Meter	1
5	Vacuum Sealer	1	6	Weighing Machine	1
6	Frying Pan	1	7	Skinfold Caliper	1
7	Griddle (Tawa)	1	8	Pulse Oximeter	1
8	Pressure Cooker	1	9	Height Measuring Tape	1
9	Pot / Degchi	2	10	Measuring Tape	1
10	Cutting Boards	2	11	Glucometer	1
11	Chakla Belan (Rolling Board & Pin)	4 Sets	Analytical Equipment		
12	Measuring Spoon & Cups Set	1 Set		Item	Quantity
13	Wooden Spatulas	4	1	Moisture Analyzer	1
14	Knives	3	2	Digital Weighing Balance	1
15	Large Knives	3	3	Turbidity Meter	1
16	Butter Knife	1	4	Conductivity/TDS Meter	1
17	Table Spoons	3	5	Stirrer / Hot Plate	1
18	Tea Spoons	5	6	Digital Refractometer	1
19	Dish Spoons	2	7	pH Meter	1
20	Glasses	6	8	Water Distillatory	1
21	Cups	4	9	Incubator	1
22	Plates	6	10	Soxhlet Apparatus	1
23	Ice Cream Bowls	6	11	Desiccator	2
24	Trays	2	12	Water Bath	1
25	Bottle Brushes	3 Small, 2 Large			