

Chemicals & Glassware/Equipments required-

Sl No	Name of Chemicals	Quantity	
1.	Adipic Acid	3 nos	1 Pkt
2.	Aluminium Carbonate	2 nos	1 unit
3.	Ammonium Carbonate	2 nos	1 unit
4.	Anhydrous Sodium Sulphate	2 nos	1 unit
5.	Barium Carbonate	2 nos	1 unit
6.	Barium Chloride	3 nos	1 unit
7.	Barium Nitrate	2 nos	1 unit
8.	Benzamide	2 nos	1 Pkt
9.	Benzene Sulphonic Acid	2 nos	1 unit
10.	Benzophenone	2 nos	1 bottle
11.	Bromobenzene	2 nos	1 bottle
12.	Butanol	2 nos	1 bottle
13.	Calcium Carbonate	2 nos	1 Pkt
14.	Calcium Oxalate	2 nos	1 Pkt
15.	Calcium Phosphate	2 nos	1 unit
16.	Caprolactum	2 nos	1 unit
17.	Chromic Acid	3 nos	1 unit
18.	Cetyl trimethyl Ammonium Bromide	2 nos	1 unit
19.	Dimethyl formamide	3 nos	1 unit
20.	Diphenyl Amine reagent	2 nos	1 unit
21.	EDTA	3 nos	1 unit
22.	Formaldehyde	3 nos	1 unit
23.	Formalin Solution	2 nos	1 bottle
24.	Fructose	3 nos	1 unit
25.	Funnel	3 nos	
26.	Glucose	3 nos	1 Pkt
27.	Glycine (Amino Acid)	3 nos	1 unit
28.	Hexamethylene diamine	3 nos	1 unit
29.	Lead Nitrate	3 nos	1 unit
30.	Nin Hydrine Reagent	3 nos	1 unit
31.	Nitrobenzene	3 nos	1 unit
32.	Phenyl Aniline	3 nos	1 bottle

33.	Poly Vinyl Alcohol	3 nos	1 bottle
34.	Proline	3 nos	1 unit
35.	Rubber tube	3 nos	1 box
36.	Silver Nitrate	2 nos	1 unit
37.	Sodium Dodecyl Sulphate	3 nos	1 unit
38.	Sodium hydroxide	3 nos	1 unit
39.	Styrene	3 nos	1 unit
40.	Sucrose	3 nos	1 unit
41.	Sulphanilic Acid reagent	3 nos	1 unit
42.	tetrahydrofuran (THF)	3 nos	1 unit
43.	Thionyl chloride	3 nos	1 unit
44.	Urea	1 pkt 500g	✓
45.	Water bath	3 nos	
46.	α -Naphthyl Amine	3 nos	
47.		3 nos	

Glassware/Apparatus required-

Sl No	Name of Chemicals	Quantity
1.	100 ml 2 neck reaction flask	3 nos
2.	100 ml volumetric flask	10 nos
3.	50 ml Beaker	20 nos 10 nos
4.	50 ml volumetric flask	10 nos
5.	Air condenser 4 nos	3 nos
6.	Beaker 500 ml	10 nos
7.	Boiling point measuring Instrument	2 nos
8.		
9.	Burette stand	5 nos 15 nos
10.	Centrifugal instrument	1 no
11.	Dessicator	10 nos 5 nos.
12.	Digital Balance branded 3 digit	1 no
13.	Digital pH meter	1 no
14.	Digital thermometer	3 nos
15.	Dropper (small)	20 nos
16.	Electric Oven	1 no
17.	Gas Burner with Pipe	5 nos

18.	Gas Lighter	2 nos
19.	Kipps Apparatus	2 nos
20.	Litmus indicator	3 pkts
21.	Litmus paper	3 pkts
22.	Magnetic Stirrer with Hotplate	1 no
23.	Petri dishes	10 nos 5 nos.
24.	Pipette	10 nos
25.	Round bottom flask 2 neck 200 ml	5 nos
26.	Semi micro Test tube	2 pkts 1 PKT
27.	Sonicator	1 no
28.	Test Tube Brush	1 pkt
29.	Ubbelohde Viscometer	5 nos
30.	Volumetric Flask	10 nos
31.	Watch Bottle	20 nos 10 nos.
32.	Whatmann Filter Paper	3 pkts
33.	Wire Guage	20 nos 10 nos.

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