

Government General Degree College Kharagpur-II
Madpur, PaschimMedinipur
West Bengal-721149
DEPARTMENT OF CHEMISTRY

1. Computer Accessories and Furniture

SL. No.	Items
1	Laptop
2	Pendrive
3	MEDEM 4G
4	HP TONER CARTRIDGE 12A
5	Xerox Machine
6	Almeria
7	Reagent Table
8	Reagent Rack
9	Instrument table
10	Computer table

2. Chemicals (only EM and Nice)

SL. No.	Name of the items
1	Aluminum Chloride
2	Aluminum Fluoride
3	Aluminum Nitrate
4	Aluminum Oxide
5	Aluminum Sulphate
6	Ammonium Acetate
7	Ammonium Bifluoride
8	Ammonium Bromide
9	Ammonium Carbonate
10	Ammonium Chloride
11	Ammonium Dichromate
12	Ammonium Di Hydrogen Phosphate
13	Ammonium Ferric Sulphate
14	Ammonium Molybdate
15	Ammonium Oxalate.
16	Ammonium Persulphate
17	Ammonium Sulphate
18	Ammonium thiocyanate
19	Acetic Acid Glacial
20	Barium Carbonate
21	Barium Nitrate
22	Barium Peroxide
23	Barium Phosphate
24	Barium Sulphate
25	Bismuth Oxy chloride
26	Bismuth Oxy nitrate

27	Bismuth Sulphate
28	Blue Litmus Solution (Powder)
29	Bromine.
30	Cadmium Carbonate
31	Calcium phosphate (Di-basic) Calcium hydrogen phosphate
32	Calcium Carbonate
33	Calcium Chloride Fused
34	Calcium Chloride dehydrate(11139)
35	Calcium Fluoride
36	Calcium Hydroxide
37	Calcium Nitrate
38	Calcium Oxide
39	Calcium Phosphate
40	Calcium Sulphate
41	Chromium Oxide
42	Chromium Sulphate
43	Cobalt Chloride
44	Cobalt Nitrate
45	Copper Acetate
46	Copper carbonate
47	Copper chloride
48	Copper Phosphate
49	Copper sulfate
50	Copper turning
51	Cupric oxide
52	Di-ammonium hydrogen Phosphate
53	Di-ammonium oxalate
54	Di-sodium hydrogen phosphate
55	Erichrome black T
56	EDTA Di-sodium salt
57	Ferric chloride
58	Ferric oxide
59	Ferric Phosphate
60	Ferrous sulphate
61	Ferrous sulphide Stick
62	Hydrochloric acid- concentrated
63	Iron fallings
64	Liquor ammonia/Ammonium solution
65	Lead acetate
66	Litmus blue paper
67	Litmus red paper
68	Magnesium borate
69	Magnesium Metal
70	Magnesium Nitrate
71	Magnesium Oxide
72	Maganous Chloride
73	Maganous Sulphate
74	Manganese Di-oxide

75	MarbelChips
76	Mohr Salt Ammonium ferrous sulfate
77	Nickel Acetate
78	Nickel Borate
79	Nickel Carbonate
80	Nickel Chloride
81	Nickel Nitrate
82	Nickel Phosphate
83	Nitric Acid Concentrated
84	Potassium Acetate
85	Potassium Bromide
86	Potassium Carbonate
87	Potassium Chloride
88	Potassium Chromate
89	Potassium Dichromate
90	Potassium Ferricyanide
91	Potassium Fluoride
92	Potassium Hydroxide Pellets
93	Potassium Iodide
94	Potassium Nitrate
95	Potassium Nitrite
96	Potassium Permanganate
97	Potassium Sulphate
98	Potassium Thiocyanate
99	Phosphoric Acid Syrupy
100	Potassium Peroxi disulphate
101	Silver Nitrate
102	Sodium Metal
103	Soda Lime
104	Sodium Acetate
105	Sodium Bi-carbonate
106	Sodium Bismuthate
107	Sodium Bromide
108	Sodium Carbonate
109	Sodium Di-hydrogen Phosphate
110	Sodium Fluoride
111	Sodium Hydrogen Sulphate
112	Sodium Hydroxide Pellets
113	Sodium Iodide
114	Sodium Nitrate
115	Sodium Nitrite
116	Sodium Nitroprusside
117	Sodium Potassium Tartarate
118	Sodium Sulphate
119	Sodium Sulphide
120	Sodium Sulphite
121	Sodium Thiosulphate
122	Strontium Carbonate
123	Strontium Chloride
124	Strontium Nitrate
125	Strontium Sulphate

126	Sulphuric Acid Concentrated
127	Zinc Acetate
128	Zinc Borate
129	Zinc Carbonate
130	Zinc Chloride.
131	Zinc Metal Dust
132	Zinc Nitrate
133	Zinc Phosphate
134	Zinc Powder
135	Zinc Sulphate
136	Zinc Sulphide
137	Acetamide
138	Acetanilide
139	Acetone
140	Adipic Acid
141	Aniline
142	Aniline Hydrochloride
143	Para Chloroaniline
144	Para Nitroaniline
145	L-Ascorbic Acid
146	Benzoic Acid
147	Benzophenone
148	p-Chlorobenzoic Acid
149	o-Chlorobenzoic Acid
150	Benzyl Chloride
151	Benzoin
152	Benzamide
153	p-Aminobenzoic Acid
154	p-Chlorobenzaldehyde
155	m-Nitrobenzoic Acid
156	Benzoyl Chloride
157	m-Dinitrobenzene
158	Chloroacetic Acid
159	Cinnamic Acid
160	Chloroform
161	Diphenylamine
162	Ethyl Acetate
163	Formaldehyde solution
164	Formic Acid
165	Hydroxylamine Hydrochloride
166	Hydroquinone
167	Hexamethylene Tetramine
168	Isoamyl Alcohol
169	2-Naphthol
170	o-Naphthylamine
171	Oxalic Acid
172	Phenylacetic Acid
173	Phthalimide
174	m-Aminophenol
175	m-Nitrophenol
176	o-Nitrophenol
177	Pyrocatechol

178	p-Amino Phenol
179	Resorsinol
180	Salicylic Acid
181	3,5DinitrosalicylicAcid
182	Semicarbazyl Hydrochloride
183	Sulphosalicylic Acid
184	Silica Gel
185	Starch
186	L-TartaricAcid
187	Toluene
188	P-Toluidine
189	PhthalicAcid
190	Thiourea
191	Urea
192	Vanillin
193	Alizarin Red-S.
194	Amyl alcohol.
195	Barium diphelaminesulphonate.
196	Benzene
197	Benzyl Alcohol
198	Dichloromethane
199	Dimethyl glyoxime
200	Amyl alcohol
201	Methanol
202	Ethanol
203	Sulphanilic acid.
204	Alpha-naphthylamine
205	2,4 DNP
206	Borax
207	Boric acid
208	Sodium peroxide
209	Barium chloride
210	Potassium ferrocyanide
211	Sodium cobaltinitrate
212	Acetyl acetone
213	Hydrogen peroxide
214	8-Hydroxy quinoline
215	1,3 Propane diamine,
216	1,2 ethane diamine,
217	1,4 butane diamine,
218	N,N Dimethyl 1,2 ethane diamine
219	N,N Dimethyl 1,3 propane diamine
220	N,N Diethyl 1,2 ethane diamine
221	N,N Diethyl 1,3 propane diamine
222	N-Methyl 1,2 ethane diamine
223	N-Ethyl 1,2 ethane diamine
224	N-Methyl 1,3 propane diamine
225	Salicylaldehyde,
226	2-Hydroxy acetophenone
227	Sodium azide
228	Sodium dicyanamide

229	Sodium cyananate
230	Ammonium thiocyanate
231	Pyrazine
232	3,5-Di-tert-butylcatechol
233	Diethyl ether
234	Triethyl amine
235	Perchloric acid
236	Diacetylmonoxime
237	BaDS
238	Phenophtheline
239	Methyl Red
240	Methyl Orange

3. Glass Goods and Accessories (Borosil only)

	Items
1.	Air Condenser Lebig with sealed inner tube and B-24 standard joint and cone length 300 mm made of borosilicate glass
2.	Air Condenser Lebig with sealed inner tube and B-14 standard joint and cone length 300 mm made of borosilicate glass
3.	Water Condensers Allihn drip tip with interchangeable inner and outer joints length 300 mm
4.	Chromatography column i.d=1.2 cm stopcock made of teflon
5.	Chromatography column i.d=1.8 cm stopcock made of teflon
6.	Adopter(BentTubeWithB24StandardJointMadeOfBorosilGlass
7.	Adopter(BentTubeWithB14StandardJointMadeOfBorosilGlass
8.	Glass Stopper B24 Standard Joint made Form Borosil glass
9.	Glass Stopper B24 Standard Joint made Form Borosil glass
10.	Beaker with spout & graduated capacity--25ml.
11.	Beaker with spout & graduated capacity--50 ml.
12.	Beaker with spout & graduated capacity--100 ml.
13.	Beaker with spout & graduated capacity--250 ml.
14.	Beaker with spout & graduated capacity--500 ml.
15.	Beaker with spout & graduated capacity---1000 ml.
16.	Beaker with spout & graduated capacity---2000 ml.
17.	Reagent bottles plain narrow mouth made of glass---125ml
18.	Reagent bottles plain narrow mouth made of glass---250ml
19.	Reagent bottles plain narrow mouth made of glass---500ml
20.	Round bottom flask---cap---- 25ml. Interchangeable joint
21.	Round bottom flask---cap----50 ml Interchangeable joint
22.	Round bottom flask---cap----100 ml Interchangeable joint
23.	Round bottom flask---cap----250 ml Interchangeable joint
24.	Round bottom flask---cap----500 ml
25.	Round bottom flask---cap---1000 ml

26.	Erlenmeyer graduated narrow mouth conical flask cap-50ml
27.	Erlenmeyer graduated narrow mouth conical flask cap--100 ml
28.	Erlenmeyer graduated narrow mouth conical flask cap---250ml.
29.	Erlenmeyer graduated narrow mouth conical flask cap---500ml.
30.	Erlenmeyer graduated narrow mouth conical flask cap---1000 ml
31.	Filtration Flask with B-24 joint capacity 250ml & Sintreddisc fitted with B-24 joint fitted Buchner funnel capacity 125ml
32.	Volumetric flask with glass stopper cap---10ml.
33.	Volumetric flask with glass stopper cap—25ml.
34.	Volumetric flask with glass stopper cap---50ml.
35.	Volumetric flask with glass stopper cap---100ml.
36.	Volumetric flask with glass stopper cap---250ml.
37.	Measuring cylinder hexagonal base with spout cap -----5ml.
38.	Measuring cylinder hexagonal base with spout cap -----10ml.
39.	Measuring cylinder hexagonal base with spout cap -----25ml.
40.	Measuring cylinder hexagonal base with spout cap -----50ml.
41.	Measuring cylinder hexagonal base with spout cap -----100ml.
42.	Measuring cylinder hexagonal base with spout cap -----250ml.
43.	Measuring cylinder hexagonal base with spout cap -----500ml.
44.	Measuring cylinder hexagonal base with spout cap -----1000ml.
45.	Weighing Bottles With Stopper Cap 5ml (20x40mm)
46.	Weighing Bottles With Stopper Cap 25ml (30x65mm)
47.	Separating Funnel Pear Shape, With Stopcock Cap--- 125 ml.
48.	Separating Funnel Pear Shape, With Stopcock Cap--- 250 ml.
49.	Funnels, Plain ,60 ⁰ Angle Long stem Dia----50mm.
50.	Funnels, Plain ,60 ⁰ Angle Long stem Dia---- 65 mm.
51.	Funnels, Plain ,60 ⁰ Angle Long stem Dia----75 mm.
52.	Burettes, Boroflo, Blue screw thred stopcock made form borosil glass cap-- 50 ml
53.	Pipette Volumetric Cap-----1. ml
54.	Pipette Volumetric Cap-----2. ml
55.	Pipette Volumetric Cap----- 5. ml
56.	Pipette Volumetric Cap-----10 ml
57.	Pipette Volumetric Cap-----25ml
58.	Pipette Volumetric Cap-----50 ml
59.	Pipette Graduated Cap----1 ml.
60.	Pipette Graduated Cap----2 ml.
61.	Pipette Graduated Cap---- 5 ml
62.	Pipette Graduated Cap----10 ml
63.	Pipette Graduated Cap---- 25 ml
64.	Capillary Tube 75mm long uniform bore 100nos in a tube
65.	Glass Rod Made of Soda Glass As sorted diameter
66.	Dropper Made of Neutral Glass 8" long 5C. CRubber Tit
67.	Fusion Tube Made of Neutral Glass 1 gross in a box packing
68.	Test Tube Thick wall 15x125mm (100 Nos in a box)
69.	Test Tube Thick wall 18x150mm
70.	Test Tube Thick wall 15x125 Made of Soda Glass Pyrex type 72 nos in a hard corogated box
71.	Blue Glass 50 x 50 x 3mm
72.	Watch Glass With All Side Edge polished Dia---50 mm.
73.	Watch Glass With All Side Edge polished Dia---- 75mm.
74.	Watch Glass With All Side Edge polished Dia---100 mm
75.	Porcelain Basin With Spout Dia--- 75 mm.

76.	Porcelain Basin With Spout Dia---- 100 mm
77.	Porcelain crucible with lid Cap.30 ml
78.	Porcelain mortar & pestle dia 3"
79.	Porcelain Buchner funnel dia -----75 mm.
80.	Porcelain Buchner funnel dia---- 100 mm.
81.	Spot Plate Made of Porcelain 6 sp
82.	Spot Plate Made of Porcelain 12 sp
83.	Dropping Bottle made of polythene capacity--- 60ml.
84.	Dropping Bottle made of polythene capacity---125 ml.
85.	Wash Bottle made of polythene capacity 500ml
86.	Iron Stand Made Of Heavy Duty Cast Iron Spray Painted Base Plate 8" x 5" With #0" x 1/2" Dia Zinc Coated Rod With Brass Casting Two Finger Clamp And Spare Bosshead
87.	Test Tube Stand For 12 Holes x18 mm dia wooden
88.	Test Tube Stand For 12 Holes x18 mm dia Round Type Made of Plastic
89.	Measuring Cylinder With Spout Made of Polythene cap 25 ml.
90.	Measuring Cylinder With Spout Made of Polythene cap-100ml
91.	Vacuum Desiccators All Clear Made of Polythene Dia – 250mm
92.	Asbestos Board with four side metal frame binding 150 x 150 mm
93.	Asbestos Thred 1/8" Thick
94.	Wire Gauge with four side metal frame binding and asbestos centre 150 x 150 mm
95.	Tripod Stand 8" x 5" dia Made of Cast Iron With Spray Painted
96.	Blow Pipe Brass Nickel Plated 10.5"
97.	Triangular file 6"
98.	Spetula One Side Spoon Made of S/S Length---- 4."
99.	Spetula One Side Spoon Made of S/S Length---6"
100.	Spetula One Side Spoon Made of S/S Length----8"
101.	Latex Tube For Viscometer & Stalogometer
102.	Reducer For Vacuum Pump
103.	V — Velt For Vacuum Pump
104.	Mica Foil
105.	Teflon tape roll
106.	Vacuum Grease
107.	Vacuum Oil/Silicon oil
108.	Filter paper circle 12.5mm dia or d
109.	Scissor made of steel---10".
110.	Test tube brush nylon
111.	Apron cotton Full Size.
112.	Cloth Duster 2' x 2'
113.	Dettol Liquid Soap Spray Type
114.	Naphthalen Ball BC
115.	Charcoal block

4. Instruments

SL. No.	Items
1	Magnetic stirrer - digitally controlled—1ML (Remi)
2	Magnetic stirrer digitally controlled—2ML (Remi)
3	Hot air oven—(18X18X24)"---SS Digital temperature indicator and convection (Air circulation) EI/ Testmaster
4	Mixer Grinder (Bajaj)
5	Water Bath rectangular (Double Walled) 14x12x14 9 holes 75 mm dia EI/Testmaster
6	Melting point apparatus

	EI/Testmaster
7	Magnetic Stirring Bar Polygon---- *8 mm dia x 14 mm. Tarson
8	Magnetic Stirring Bar Polygon---- *8 mm dia x 22 mm. tarson
9	Magnetic Stirring Bar Polygon---- *8 mm dia x 30 mm. Tarson
10	Heating Mantle, It Withstands High Temperature Up To 3500C, work on 220 / 230 Volts A.C, Capacity-----500 ml. EI/Testmaster
11	Refrigerator—Double Door. Capacity—245lit. Whirlpool
12	Fume chamber (Wooden)
13	Digital potentiometer with 3.1/2 LED Display along with glass, silver, platinum and reference electrode Model---318, Systronics
14	Digital Conductivity Meter 3.1/2 digit LED display with facility temperature compensation and digital cell constant adjustment along with conductivity cell and temperature probe Model-304 Systronics
15	Viscometer Made Form Borosil Glass College Type (Borosil)
16	Stalagmometer set of three. (Borosil)
17	Sonicator
18	Iodine Chamber

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