



OFFICE OF THE PRINCIPAL

অধ্যক্ষৰ কাৰ্যালয়

NORTH GAUHATI COLLEGE

উত্তৰ গুৱাহাটী মহাবিদ্যালয়

College Nagar, Abhoypur, North Guwahati, Guwahati-781031

কলেজ নগৰ, অভয়পুৰ, উত্তৰ গুৱাহাটী, গুৱাহাটী - ৭৮১০৩১

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Date: 25/09/2026

NOTICE INVITING QUOTATION

Quotations are invited from reputed and experienced firms having GST number for supply the following chemicals/instruments to the Department of Botany and Chemistry of North Gauhati College, Guwahati-781031.

Firms are requested to submit the quotations on or before 03/10/2026.

List of chemicals/instruments are attached herewith.

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Department of Botany

Table 1: List of Glassware and Chemicals

Sl. No.	Items	Size/ Volume	Price (Rs.)
1.	Acetocarmine stain	125 mL x 4	
2.	Acetone	500 mL x 4	
3.	Airtight glass jars	500 mL x 4	
4.	Barium Chloride	100 gm x 2	
5.	Bromocresol Purple	100 mL	
6.	Capillary Tube	4 pkts	
7.	Cover Slips	10 pkts	
8.	DNSA	1 Unit	
9.	Eosin Methylene Blue (EMB) Agar	250 gm	
10.	Formaldehyde	500 mL x 6	
11.	Glass Slides	10 pkts	
12.	Glass vials	20 mL x 8	
13.	Glucose	500 gm	
14.	Isopropyl Alcohol	500 mL x 2	
15.	McConkey Broth or Lactose Broth	100 gm	
16.	PEG-600	500 mL x 2	
17.	Perchloric acid	50 mL x 2	
18.	Petroleum Ether	500 mL x 2	
19.	Phenolphthalein Indicator	125 mL x 4	
20.	Phloroglucinol solution	1 Unit	
21.	Sucrose	500 gm	

Table 2: List of Instruments/ Apparatus/ Materials

Sl. No.	Items	Size/ Volume	Price (Rs.)
1.	Burette & Pipette	6 Units	
2.	Chromatography paper	5 pkts	
3.	pH meter and buffer	1 Unit	
4.	Simple Microscope	10 No. s	
5.	Maximum-Minimum Thermometer	1 Unit	

Table 3: List of Bottle specimen for display

Sl. No.	Items	Size/ Volume	Price (Rs.)
1.	Agaricus	1 Unit	
2.	Ascobolus	1 Unit	
3.	Oedogonium	1 Unit	
4.	Marchantia	1 Unit	


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CHEMISTRY PRACTICAL LABORATORY REQUIREMENTS

Sl. No.	Chemical / Item	Formula	Quantity	Category / Remarks
1	Benzophenone	$C_{13}H_{10}O$	1000 g (500 × 2)	Organic practical
2	Ammonium Ferrous Sulphate (Mohr's Salt)	$FeSO_4 \cdot (NH_4)_2SO_4 \cdot 6H_2O$	1000 g (500 × 2)	Volumetric analysis
3	Concentrated Sulphuric Acid	H_2SO_4	5000 mL (2500x2)	Reagent
4	Concentrated Hydrochloric Acid	HCl	5000 mL (2500x2)	Reagent
5	Formaldehyde	HCHO / CH_2O	1000 mL (500x2)	Organic practical
6	Ferric Chloride	$FeCl_3$	500 g	Qualitative / organic analysis
7	Lead Nitrate	$Pb(NO_3)_2$	500 g	Qualitative analysis
8	Ethanol	C_2H_5OH	500 mL x10	Solvent
9	Liq. Ammonia	NH_3	500 mL x10	Qualitative analysis
10	Ferrous Sulphide fused sticks		1000 g (500 × 2)	Reagent / sample
11	Silver Nitrate	$AgNO_3$	500 g	Qualitative analysis
12	Sodium Bicarbonate	$NaHCO_3$	1000 g (500 × 2)	Reagent / qualitative analysis
13	Phenolphthalein	$C_{20}H_{12}O_4$	2 units	Indicator
14	Potassium Permanganate	$KMnO_4$	500 g	Volumetric analysis / reagent
15	Potassium Oxalate	$K_2C_2O_4$	500 gm	Volumetric analysis
16	Sodium Oxalate	$Na_2C_2O_4$	1000 g (500 × 2)	Primary standard
17	Dimethylglyoxime (DMG)	$C_4H_8N_2O_2$	2 units	Qualitative analysis
18	Nickel Ammonium Sulfate	$NiSO_4 \cdot (NH_4)_2SO_4 \cdot 6H_2O$	1000 g (500 × 2)	Inorganic practical


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19	Copper Sulphate	$\text{CuSO}_4 \cdot 5\text{H}_2\text{O}$	1000 g (500 × 2)	Inorganic / qualitative analysis
20	Glacial Acetic Acid	CH_3COOH	1000 ml	Organic practical / reagent
21	Potassium Iodide	KI	500 g	Qualitative / volumetric analysis
22	Oxalic Acid	$\text{H}_2\text{C}_2\text{O}_4 \cdot 2\text{H}_2\text{O}$	500 g	Volumetric analysis
23	Potassium Bromide	KBr	500 g	Reagent
24	Sodium Thiosulphate	$\text{Na}_2\text{S}_2\text{O}_3 \cdot 5\text{H}_2\text{O}$	500 g	Iodometric titration
25	Ammonium Thiocyanate	NH_4SCN	500 g	Qualitative analysis
26	Ammonium Nitrate	NH_4NO_3	500 g	Reagent
27	Potassium Chloride	KCl	1000 g (500 × 2)	Reagent / standard solution
28	Sodium Bisulphite	NaHSO_3	500 g	Reagent
29	Ceric Ammonium Nitrate	$(\text{NH}_4)_2\text{Ce}(\text{NO}_3)_6$	500 g	Qualitative / organic analysis
30	Glucose	$\text{C}_6\text{H}_{12}\text{O}_6$	500 g	Organic practical
31	Fructose	$\text{C}_6\text{H}_{12}\text{O}_6$	500 g	Organic practical
32	Potassium Sodium Tartrate (Rochelle Salt)	$\text{KNaC}_4\text{H}_4\text{O}_6 \cdot 4\text{H}_2\text{O}$	500 g	Organic / analytical practical
33	Sodium Citrate	$\text{Na}_3\text{C}_6\text{H}_5\text{O}_7 \cdot 2\text{H}_2\text{O}$	500 g	Reagent
34	Acetic Acid	CH_3COOH	1000 ml	Reagent
35	Ethyl Acetate	$\text{CH}_3\text{COOC}_2\text{H}_5$	1000 ml	Organic practical / solvent
36	Benzoyl Chloride	$\text{C}_6\text{H}_5\text{COCl}$	500 ml	Organic practical
37	Potassium Hydroxide	KOH	500 g	Reagent / titration
38	Chloroform	CHCl_3	1000 ml	Organic solvent
39	Methylamine	CH_3NH_2	500 ml	Organic practical / reagent
40	Aniline	$\text{C}_6\text{H}_5\text{NH}_2$	1000 ml	Organic practical
41	Acetic Anhydride	$(\text{CH}_3\text{CO})_2\text{O}$	500 ml	Organic practical
42	Acetanilide	$\text{C}_8\text{H}_9\text{NO}$	500 ml	Organic practical


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Glassware & Apparatus

Sl. No.	Glassware / Apparatus	Quantity	Category / Remarks
1	Porcelain Crucible	10 units	Laboratory apparatus
2	Conical Flask	250 ml= 10 units 100 ml=10 units 500 ml= 5 units	Glassware
3	Sintered Glass Crucible	6 units	Laboratory apparatus / filtration
4	Litmus Paper	3 pkts	Indicator / consumable
5	Hot Water Bath	5 units	Laboratory apparatus
6	Test Tube	200 units	Glassware
7	Filter Paper	10 pkts	Filtration
8	Glass Rod	10 units	Glassware
9	Dropper	15 units	Glassware
10	Kipp's Apparatus	1 unit	Apparatus
10	UV-Visible Spectrophotometer	1 unit	Instrumental Analysis


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