

P.P.N. (P.G.) COLLEGE, KANPUR

DEPARTMENT OF BOTANY

REQUIREMENT 2024-25

S. No.	Item	Amount	Rate	Qty	Amount Approx. (Rs.)
CONSUMABLE & OTHERS					
1.	Glycerine	500 ml	500.00	02	1000.00
2.	Light Green	500 ml	500.00	02	1000.00
3.	Citric Acid	500 g	500.00	01	500.00
4.	Calcium chloride dehydrate	500 g	1500.00	01	1500.00
5.	NaNO ₃	90/Kg	90.00	½ Kg	45.00
6.	EDTA.Na ₂ .2H ₂ O (Ethylenediamine tetra acetic acid)	100 g	200.00	01	200.00
7.	K ₂ HPO ₄ (Dipotassium phosphate)	145/Kg	145.00	½ Kg	75.00
8.	MnCl ₂ .2H ₂ O (Manganese (II) Chloride dehydrate)	65/Kg	65.00	1 Kg.	65.00
9.	Tryptone	100 g	800.00	01	800.00
10.	Yeast Extract	500 g	1300.00	01	1300.00
11.	Ferric Ammonium Citrate	500 g	500.00	01	500.00
12.	Zinc sulphate heptahydrate	500 g	400.00	01	400.00
13.	Boric Acid	500 g	230.00	01	230.00
14.	Copper	250 g	400.00	01	400.00
15.	CO(NO ₃) ₂ .6H ₂ O (Cobaltus Nitrate Hexahydrate)	500 g	700.00	01	700.00
16.	Sodium molybdate dihydrate	100 g	1200.00	01	1200.00
17.	Bromophenol Blue (Rankem)	125 ml	230.00	01	230.00
18.	Fuchsin (Protein)	25g	170.00	01	170.00
19.	Anthrone (Carbohydrate Test)	10g	400.00		400.00
20.	Pyrogallol solution	50g	1500.00		1500.00
21.	Absolute Alcohol	100 g	1200.00	01	1200.00
22.	Parafin Wax Tape (25-50 mter)	1 Roll	370.00	01	370.00
Class Work Material					
23.	Fusarium (Fungi)	10 Unit		70.00	700.00
24.	Ustilago (Fungi)	10 unit		70.00	700.00
25.	Linseed Rust (Fungi)	10 unit		70.00	700.00
26.	Wilt of Arhar (Fungi)	10 unit		70.00	700.00
27.	Nostoc (Algae)	10 unit		70.00	700.00
28.	Anabaena (Algae)	10 unit		120.00	1200.00
29.	Synechocystis (Algae)	10 Unit		70.00	700.00
30.	Pandorina/Eudorina (Algae)	10 unit		70.00	700.00
31.	Scenedesmus (Algae)	10 unit		70.00	700.00
32.	Pediastrum (Algae)	10 unit		70.00	700.00
33.	Cosmarium (Algae)	10 unit		70.00	700.00
34.	Ulva (Algae)	10 Unit		70.00	700.00
35.	Draparnaldiopsis (Algae)	10 unit		70.00	700.00
36.	Fritschella (Algae)	10 unit		70.00	700.00
37.	Cephaleuros (Algae)	10 unit		70.00	700.00

38.	Bryopsis (Algae)	10 unit	70.00	700.00
39.	Codium (Algae)	10 Unit	70.00	700.00
40.	Caulerpa (Algae)	10 unit	70.00	700.00
41.	Acetabularia (Algae)	10 unit	70.00	700.00
42.	Valonia (Algae)	10 unit	70.00	700.00
43.	Cutleria (Algae)	10 unit	70.00	700.00
44.	Dictyota (Algae)	10 Unit	70.00	700.00
45.	Padina (Algae)	10 unit	70.00	700.00
46.	Laminaria (Algae)	10 unit	70.00	700.00
47.	Fucus (Algae)	10 unit	70.00	700.00
48.	Porphyridium (Algae)	10 unit	70.00	700.00
49.	Goniotrichum (Algae)	10 Unit	70.00	700.00
50.	Compsopogon (Algae)	10 unit	70.00	700.00
51.	Gelidium (Algae)	10 unit	70.00	700.00
52.	Ceramium (Algae)	10 unit	70.00	700.00
53.	Smut Disease (Fungi)	10 unit	70.00	700.00
54.	Damping off of seedlings (Fungi)	10 unit	80.00	80.00
55.	Powdery Mildew (Fungi)	10 unit	70.00	70.00
56.	Downy Mildew (Fungi)	10 unit	70.00	70.00
	NON CONSUMABLE			
57.	Flask Heater	1 Pc.	1700.00/Pc	1700.00
58.	Centrifuge	1 Pc.	6000/Pc	6000.00
59.	4 in 1 soil moisture meter	1 Pc.	2000/Pc	2000.00
60.	Ustilago (slide)	1 Pc.	70.00	70.00
61.	Rhizopus (slide)	1 Pc.	70.00	70.00
62.	Mucor (slide)	1 Pc.	70.00	70.00
63.	Mycorrhiza (slide)	1 Pc.	70.00	70.00
64.	Apple Scab(Specimen)	1 Pc	70.00	70.00
65.	Ustilago (slide)	1 Pc	70.00	70.00
66.	Rhizopus (slide)	1 Pc	70.00	70.00
67.	Mucor (slide)	1 Pc	70.00	70.00
68.	L.S. of Hypanthodium (slide)	1 Pc	100.00	100.00
69.	L.S. of Cythium inflorescence (slide)	1 Pc	100.00	100.00
70.	T.S. of root showing Rhizobium (Root Nodule) (slide)	1 Pc	100.00	100.00
71.	L.S. of Head or Capitulum inflorescence (slide)	1 Pc	100.00	100.00
72.	L.S. of Cynostegium of Calotropis (slide)	1 Pc	100.00	100.00
73.	VAM Mycorrhiza (slide)	1 Pc	70.00	70.00
74.	V.S. of Thallus of Lichen	1 Pc	100.00	100.00
75.	Laser Printer	1 Pc	18,000.00	18,000.00
			TOTAL	50,430.00

(ALKA RANI)

Head. Dent. of Botany