

LABORATORY REQUISITION 2025-26

List of Chemicals

(a) Department of Botany

SL. NO.	NAME OF THE ITEM	Quantity
1	Trypan Blue	100 ml × 1
2	Ferrous ammonium sulphate	250 gm × 1
3	Aceto carmine	250 ml × 1
4	Aceto Orcein	250 ml × 1
5	Urea	50 gm × 1
6	Ammonium hydroxide	500 ml × 1
7	DPX	500 ml × 1
8	Chloroform	500 ml × 1
9	Barfoed Reagent	250 ml × 1
10	Bovine Serum albumine Protein	10 gm × 1
11	Folinciocalthean reagent	250 ml × 1
12	Ammonium oxalate	250 gm × 1
13	Disodium hydrogen phosphate	250 gm × 1
14	Ammonium chloride	250 gm × 1
15	Sodium azide	100 gm × 1
16	Lead nitrate	100 gm × 1
17	Potassium hydrogen carbonate	100 gm × 1
18	Nitric acid	500 ml × 1
19	Sodium hydrochloride	500 ml × 1
20	Concentrated Sulphuric Acid (H ₂ SO ₄)	500 mL × 1
21	Ferrous Sulphate	500 g × 1
22	Starch	250 g × 1

(b) Department of Chemistry

SL. NO.	NAME OF THE ITEM	Quantity
1.	Glacial acetic acid (Merck)	2.5 lit x 1
2.	Butanol (Merck)	500ml x 2

(c) Department of Microbiology

Sl No.	Chemical	Quantity
1.	Glacial acetic acid (Extra pure)	500 ml x 1
2.	Butter paper	
3.	Spirit	5 litres
4.	Agar agar type I	500 gm x 1
5.	Butanol	500 ml x 1
6.	Occular micrometer	2 pieces
7.	Dextrose	500 gm x 1
8.	DNA salt (Hi media)	10 gm x1
9.	Calcium sulphate	500 gm x 1
10.	Sodium bicarbonate	500 gm x 1
11.	Maltose	500 gm x 1

12.	Sodium citrate	500 gm x 1
13.	Gram's safranin solution	100 ml x 1
14.	Gram's crystal violet solution	100 ml x 1
15.	Gram's iodine solution	100 ml x 1
16.	Malachite green (10 % w/v)	100 ml x 1
17.	Nigrosin stain (10 % w/v)	100 ml x 1
18.	Methylene blue solution	100 ml x 1
19.	Concentrated hydrochloric acid	500 ml x 1
20.	Ethanol	500 gm x 6
21.	Ethidium bromide	5 ml x 1
22.	Agarose	25 gms x 1
23.	Rochelle salt	500 gm x 1
24.	Iodine crystals	

(d) Department of Physics

SL. NO.	NAME OF THE ITEM	Quantity
1.	Sucrose	500 gms x 1
2.	Cleaning alcohol	500ml x 2

(e) Department of Zoology

SL. NO.	NAME OF THE ITEM	QUALITY	QUANTITY	
1	Glacial Acetic acid (Extra pure)	SRL	1×500ml	
2	Glycerol	SRL	1×500ml	
3	Methyl alcohol	SRL	2× 100ml	
4	Chloroform Extrapure	SRL	1×500ml	
5	Picric Acid	SRL	1 pack	
6	Sodium citrate	SRL	1 pack	
7	Fructose	SRL	1 pack	
8	Sucrose	SRL	1 pack	
9	Peptone	SRL	1 pack	
10	Calf thymus DNA	SRL	1 x 25 mg	
11	Red litmus paper		2 packs	

List of Glassware/Labwares

a) Dept of Botany

List of Glass Apparatus

1. Jet Funnel (Borosil)-- 1 PC
2. Glass Petri plate (10cm Diameter) -- 1 Dozon
3. Slide -- 1 box
4. Round cover Slip -- 1 box
5. Square cover Slip --1 box (22mm)

Others

1. Reagent bottle 100 ml -12 Pc

2. Scissor Large - 1 Pc
3. Scissor Medium - 1 Pc
4. Scissor Small - 1 Pc

b) Dept of Geography

Sl. No.	Company	Item	Quantity	Price
1)	B. S. SYNDICATE	Reagent Container no. (3.1) 6,7,11,12,13,14,15	2	
2)	“	Reagent Container no. (3.2) 4,10,16	2	
3)	“	Reagent Container no. (3,3) 3,5	2	

c) Dept of Zoology

SL. NO.	NAME OF THE ITEM	QUALITY	QUANTITY
1	Dropping bottle(100ml capacity)	Tarson	6 pc
2	Glass Petridis paired set 4 inch dia	Borosilicate	6 pairs
3	Conical flask Thick Glass 100ml	Borosilicate	6 pc
4	Beaker Thick Glass 200ml	Borosilicate	6 pc
5	Beaker plastic 200ml		6 pc
6	Funnel (Glass)	Good quality	6 pcs
7	Reagent bottle 300ml	Good quality	6 pcs
8	Wash bottle	Tarson	6 pcs
9	Specimen jar 6 inch with Bakelite screw cap		6 pcs

Department of Physics

Dhruba Chand Halder College

1. List of Equipment required:

Name of the Item	Quantity
Helium discharge tube	2
Power Source for discharge tube	1
Viscosity Manometer tube	4
MultimeterMetravi	1
DC Regulated Power Supply (0-20 V 1 amp)	2
Ballistic Galvanometer	1
Sodium vapour lamp	1
Pliers	1
IC 74151	20

2. List of Chemical required:

Name of the Item	Quantity
Sucrose (500 gm)	1
Cleaning Alcohol (500 ml)	2