DEVASWOM BOARD COLLEGE

THALAYOLAPARAMBU, KOTTAYAM (Dist.)KERALA STATE,
PIN 686 605Ph: 04829 – 236136, 237136,
NAAC ACCREDITED "B" GRADE
E-mail : dbprincipal@gmail.com
AFFILIATED TO MAHATHMA GANDHI UNIVERSITY, KOTTAYAM

(5)

TENDER NOTICE

Tender .No.25/Lab/2023-24/PD 22/04/2024

Sealed tenders are invited for the supply of Lab Equipments and Chemicals under the PD fund of this college 2023-2024.Details of specification can be had from the College Website .Last Date 13/05/2024 at 3 PM and tenders will be opened at the same day at 4 PM

(Website .www.dbcollegethal.org)

Contact Number.04829236136

PRINCIPAL
ഡോ. ആർ. അനിത
പ്രിൻസിപ്പാൾ
ദേവസ്വം ബോർഡ് കോളേജ്
തലയോലപ്പറമ്പ്

ദേവസ്വം ബോർഡ് കോളേജ് തലയോലപ്പറമ്പ്

List of chemicals/ equipments required (Zoology)

1. Leishman's stain-1 (500ml)
2. Glucose anhydrous -1 (500g)
3. Concentrated HNO3-1 (500ml)
4. Copper sulphate-1 (500g)
5. Pricking needle – 1 packet
6. Tooth pick-
7. Test tube stand-5 nos
8. Beaker 1L-1
9. Beaker 500ml -3
10. Cover slip -4 packets
11. Spatula-
12. Dropper (glass) -10
13. Spirit lamp- 1

Equipments

14. Microscope- 15

Gas jar – 30 Nos (15 cm x 5 cm)

HoD, Botany

Chemistry

Sl.No	Item required	
	CHEMICALS	Quantity
1	Charcoal (activated)	1000g
2	Sodium hydroxide pellets	1000g
3	Potassium Chloride	1500g
4	EDTA	100g
5	Tin granules	100g
6	Ferric alum (ferric ammonium sulphate)	1500g
7	Mohr's salt (ferrous ammonium sulphate)	500g
8	Benzaldehyde	1500ml
9	Aniline	1500ml
10	Ethyl benzoate	1500g
11	Mercuric chloride	100g
12	Potassium iodide	300g
13	Ammonium thiocyanate	500g
14	Ethylene diammine	500ml
15	Lead chloride	500g
16	Mercuric iodide	200g
17	Hydrogen peroxide (3%)	500ml
18	Phenol	1000ml
19	Nitrobenzene	1500ml
20	Biphenyl	200g
21	Silica for Column chromatography	1000g
22	Sulphuric acid (conc)	5 L
23	Hydrochloric acid (conc)	5L
24	Glacial acetic acid	1000ml
25	Acetone	1500ml
26	Ethyl acetate	5L
27	Sodium bisulphate	500g
28	Ethyl benzoate	1000ml
29	o-toluidine	500ml
30	Dimethyl glyoxime	500ml
31	Nickel Ammonium Sulphate	100g
32	Ferroin indicator	100g
33	Ceric Ammonium sulphate	100g
34	Magnesium Sulphate	500g
35	sodium metabisulpohite	500g
36	Potassium ferocyanide	500g
37	Silver nitrate	100g

38	D-Glucose	500g
39	Benzophenone	500g
40	Zinc Sulphate	500g
41	Thiamine Hydrochloride	100g
	Glasswares and other equipments	
1	Glass rods (diameter- 0.1mm)	50
2	Beakers (Borosil) 400ml/500ml	50
3	Beakers (Borosil) 100ml	20
4	Standard flask (Borosil) 100ml	25
5	China dish	30
6	Wire gauze	100
7	Clay piped triangle	20
8	Separating funnel (250ml/Borosil)	5
9	Boiling tube (Borosil)	10
10	Filter paper No1	3 packets
11	Ordinary filter paper	50 sheets
12	Brush (to wash galssware)	100
13	Dropper	50
14	Spatula (for Chemical lab)	20
15	Test Tubes (Borosil)	50

Devaswom Board College,Thalayolaparambu

Department of Physics

List of Equipments to be Purchased Under P.D.Account

Sl.No	Equipment	Quantity
1	Non polarizing cubic Beam Splitter, Ratio 50:50, 25mm, Visible	1
2	Plano silver mirror (round, 25 mm diameter, >95% reflectance)	2
3	Travelling microscope (10x magnifying eyepiece, Least count-0.01mm)	2
4	xy translation stage with laser holder (Travel distance-20mm, Resolution	1
5	Brewster's angle set-up	1
6	Optical fibre trainer kit for NA and propagation losses	1

HEAD
DEPARTMENT OF PHYSICS
DEVASWOM BOARD COLLEGE
THALAYOLAPARAMBU - 686605

ഡോ. ആർ. അനിത
പ്രിൻസിപ്പാൾ
ദേവസ്വം ബോർഡ് കോളേജ്
തലയോലപ്പറമ്പ്

List of chemicals / glassware/ equipments required (Botany)

1. Dragendroff's reagent 125ml-1
2. Wagner's reagent-125ml x1
3. Mayers's reagent- 125mlx1
4. Sodium nitrite solution- 125mlx1
5. Acetic anhydride-125ml x1
6. Gelatin solution/powder-125ml/50gx1
7. Calcium chloride- 500g x1
8. Copper sulphate 500g x1
9. Ferric chloride 500g x1
10. Sucrose- 500gx1
11. Glucose anhydrous- 500g x1
12. Acetone-500mlx 1
13. Sodium hydroxide- 500g x1
14. Ferrous sulphate-500g x1
15. Aluminium sulphate- 500gx1
16. Picric acid crystals-100gx1
17. Spirit (lampsolv)- 3 bottles
18. Aluminium Potassium sulphate- 500g x1
19. Hexane - 500mlx2
20. Fructose -500gx1
21. Saffranine – 125mlx2
22. Iodine solution 125mlx1
23. Phenolphthalein-125mlx1
24. Petroleum ether 60-80-500ml x1

Glassware

25. Burette -2
26. Beaker (500ml)-4
27. Conical flask (500ml)- 4
28. Test tube holder - 5
29. Microscopic slide- 5 Packets
30. Coverslip (square)- 5 packets
31. Forceps (small)-5
32. Dropper (glass)-10

Equipments → ~~specimen~~ Gas jar → 30 Nos (15 cm x 5 cm)

33. Microscope-1

HoD, Botany