

Apparatus

Tip box (1 ml)	P'fact
Tip box (200 µl)	P'fact
Tip box (10µl)	P'fact
Tip (1ml)	P'fact
Tip (200µl)	p'fact
Tip (10 µl)	P'fact
Centrifuge tube (2 ml)	Terson
Centrifuge tube (1.5 ml)	Terson
Centrifuge tube (0.5 ml)	Terson
Reagent Bottle 500ml	Terson
Reagent Bottle 250 ml	Terson
Reagent Bottle 100ml	Terson
Cryobox (for 1.5 ml centrifuge tube)	Terson
centrifuge tube 50ml	Terson
Centrifuge tube 15ml	Terson
Centrifuge tube Strand	Terson
○ 50ml tube	
○ 15 ml tube	
○ 1.5 ml tube	
○ .5 ml tube	

Alluminium Foil

Nichrome ware loop

Histology Stain Slide(Lung, Adrenal & Stomach)

Zooplankton Slide (Daphnia, moina, Cyclops, podocopa, calonoida, notostraca, rotifera)

Soil fauna (diplura, mite, tick, pseudoscorpion, spring tail, symphyla, sawbug)

Parasite SLIDE (Trypanosome sp, Plasmodium sp, Leishmania sp, Haemoproteus sp, Myxobolus sp, Ceylonocotyle sp, Columbicola sp, Pediculus sp, Cimex sp, Phlebotomus sp)

Blotting paper	
Slide	Bluestar
Cover slip	Bluestar
Slide box (100 & 50)	Terson
Testube	
Testube stand	
Test tube holder	
Disposable niddle	
Pipette 1ml (10 pieces)	Borosel
Pipette 5 ml (10 pieces)	Borosel
Pipette 10 ml (5 pieces)	Borocel
Burette	Borocel
Burette strand	
Winkler's bottle.	Borocel
Volumetric flask (100ml)	Borocel
Tissue Paper	
Disposable Gloves	
Binocular	Olympus
Camera	Nikkon/ Cannon
Standard joint conical flask (for COD)	
Durham's tube	
Petridishes glass	
Decigator	
Glass beads	
Separating flask (500ml) 2 pieces	

Chemicals

- Sodium Chloride Mark/ SRL
- Potassium Chloride Mark/ SRL
- Na₂HPO₄ Mark/ SRL
- KH₂PO₄ Mark/ SRL
- Glucose Mark/ SRL
- Calcium Chloride Mark/ SRL
- MgCl₂, 6H₂O Mark/ SRL
- Tris HCl Mark/ SRL
- NaH₂PO₄ Mark/ SRL
- NaHCO₃ Mark/ SRL
- BSA Mark/ SRL
- Paraformaldehyde Mark/ SRL
- Sodium dodecyl sulphate (SDS) Mark/ SRL
- Periodic Acid solution NICE
- Schiff's reagent NICE
- Propylene Glycol NICE
- Sudan Black B (dust) MARK
- Alcohol
- Xylene NICE
- DPX NICE
- Acetic Acid MARK
- Maconcky broth Hi-media
- Lactose broth Hi-media
- Peptone Hi-media
- Beef Extract Hi-media
- Crystal violet NICE
- Saffranine NICE

• Iodine Solution	NICE
• BSA protein	MARK/Hi-media
• Glucose	NICE
• Starch	NICE
• Dextrin	NICE
• Globulin	NICE
• Albumin	NICE
• Sodium carbonate	MARK/SRL
• Folin cioceltaeu reagent	MARK/SRL
• Molish	NICE
• Benedict (qualitative reagent)	NICE
• Barfoed	NICE
• Seliwanoff's reagent	NICE
• Felings A & B reagent	NICE
• Sodium hydroxide	MARK/SRL
• Millons	NICE
• Esbatch	NICE
• Potassium Iodide	NICE
• Conc sulphuric acid	MARK
• Conc nitric acid	MARK
• CONC. HYDROCHOLRIC ACID	MARK
• Methyl orange indicator	NICE
• Ammonium chloride	NICE
• Ammonium Hydroxide	NICE
• Erichrome black T	NICE
• Diacetylc monoxide	NICE

• Sodium tungstane	NISE
• Urea	NICE
• Sodium bi carbonate	NICE
• Sodium sulphate	NICE
• Disodium hydrogen arsenate	NICE
• Zinc sulphate	NICE
• Uric acid	NICE
• Alkaline hypobromite	NICE
• Nessler's reagents	NICE
• Red litmus paper	NICE
• ABO blood group chemical	NICE
• Silver nitrate	NICE
• Leishman stain	NICE
• Ferric ammonium sulphate	MARK
• Schaudinn's fixative	NICE
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• Ferrous ammonium sulphate	MARK
• Ferrion indicator	MARK
• Silver sulphate	MARK
• Mercuric sulphate	MARK
• Diphenyl amine	MARK
• Orthro phosphoric acid	MARK
• KH_2PO_4	MARK
• Ascorbic acid	MARK
• Ammonium molybdate	MARK
• Potassium antimony tartrate	MARK
• Sodium nitrite	MARK

- Potassium permanganate MARK
- Sodium oxalate MARK
- NEDA(N-1-naphthyl ethylenediamine di hydrochloride) MARK
- Sodium nitrate MARK
- Phenyl disulfonic acid (PAD) MARK
- 4 aminoantipyrein MARK
- Potassium ferricyanide MARK
- Chloroform MARK
- phenol MARK
- Colchicin SRL/MARK
- Agarose gel SRL
- RAPD Kit Bio-Rad
- Primer
- DNA extraction Kit Bio-Rad
- RNA extraction kit Bio-Rad
- Bromophenol blue SRL
- Coomasia blue SRL
- EtBr SRL
- RNase SRL
- DNase SRL

Instruments

1. Vortex	REMI
2. Centrifuge with Haematocrit Roter.	REMI
3. Magnetic Starrer with 3 different size magnet	REMI
4. -20 Freezer	Bluestar/ REMI
5. Orbital Shaker	REMI/ Terson
6. Pipette (5ml, 1ml, 200µl & 10µl)	Thermo
7. Dissecting Binocular Microscope with LED light	
8. Stereomicroscope	
9. Phase contrast microscope	
10. Protein Gel Apparatus & Powerpac	Bio-Rad
11. DNA Gel Apparatus	Bio-Rad
12. Laminar	
13. Cold Centrifuge (4@c)	REMI
14. PCR	Bio-Rad
15. UV spectrophotometer	Bio-Rad
16. Keen box (for soil porosity)	
17. Soil temperature meter (3 different depth 5, 10 & 15cm)	
18. Conductivity meter	
19. Secchi disc (for transparency)	
20. Soil moisture meter	
21. Turbidity meter	
22.	