

S. D. College, Alalppuzha

P.G. Department of Zoology & Research Centre

Requirements - PD Fund-2024

Chemicals

Sl.No.	Item	Grade	Qty.
1	pH paper Acid & Alkali Narrow range	Chemical with purity 95% and higher	10 x 20 leaves
2	Triple sugar Iron Agar		100 g
3	Hydrochloric Acid		500 ml
4	Paraffin Wax		500 g
5	Potassium Hydroxide		250g
6	Chloroform		500 ml
7	Combined ABD Monoclonal antibodies for Blood Typing		Box of 3 antibodies
8	Potassium Dichromate		500g
9	Leishman Stain		250 ml
10	Bovine Serum Albumin		250 ml
11	DNA Sodium Salt		5 g
12	EC Broth		100 g
13	Potassium Sodium tartrate		500 g

Glasswares & Consumables

Sl.No	Item	Quality	Qty.
1	Ocular micrometer & Stage Micrometer	Glasswares with highest quality - Borosil grade or higher	2 Nos.
2	Micropipette - Variable Volume (1000 µl)		1 No
3	Test Tubes 15x125mm		50 Nos
4	Glass Dropper		20 Nos
5	Dissection Tray (Medium)		20 Nos
6	Sterile Syringe driven filter (0.45µm)		1 Box
7	Measuring Cylinder (1000 ml)		2 Nos
8	WBC & RBC Pipette		10 Each
9	Reagent Bottle 100 ml (Screw Capped)		5 Nos
10	Reagent Bottle 500 ml (Screw Capped)		5 Nos
11	Reagent Bottle 250 ml (Screw Capped)		5 Nos
12	Dissection Board wood 20x15cm		35 Nos
13	Dissection Box		5 Nos
14	Insect Killing Jar		4 Nos
15	Entomological Pins Size 0, 1 & 3		3 Each
16	Plastic Hexagonal Weigh Boats Medium Dish		50 Nos
17	Spatula Steel		5 Nos
18	Aluminium foil		1 No
19	Test tube brush (for Cleaning)		5 Nos
20	Test tube Basket for Laboratory 160 x 160 x 160 mm		2 Nos

Instruments

Sl.No	Item	Specifications	Quantity	
1	Dissection Microscope	Dissection microscope Brass fitting round base with 2 Eye-piece Microscope Slide Box Eye Piece: 10x and 20x	5 Nos	
2	Compound Light Microscope	Compound Light Microscope - Monocular Stand: Single mold sturdy stand with anti-rust materials. Viewing body: 45o inclined, 360o rotatable dovetail, inter pupillary distance 54-74mm Focusing: Co-axial coarse and fine focusing on ball drive system for smooth movement. Illumination: Normal sunlight Nosepiece: Quadruple nosepiece (Ball bearing type) Condenser: Sub-stage Abbe condenser NA 1.25 with aspheric lens. Iris diaphragm with snap-in blue filter. Rack and pinion movements on metal guides.	10 Nos	
3	pH meter	Display Type: LED Display Included Components: Buffer & pH Electrode. Voltage: 220-230V AC Type of Product: Digital pH Meter pH Range: 0.01 to + 14 pH	2 Nos	
4	Analytical Weighing Balance	Max Capacity - 320g Readability - 0.0001g Repeatability - 0.0001g Linearity - 0.0003g Min.Capacity - 10mg Tare Range - Full Class - I Calibration - Internal Calibration Display - LCD	2 No	