

DEPARTMENT OF ZOOLOGY
Purchase 2017-18
Govt. General Degree College, Lalgarh, Jhargram

INSTRUMENTS

Requirements	QUANTITY
Simple Microscope	10
Compound Microscope (Olympus)	10
DSLR Camera with all accessories	1
Magnetic stirrer	1
pH meter (Systronics)	1
Distillation plant (Borosil 4 Lt)	1
Autoclave Verical (Steel)	1
Camera Lucida and Ocular and Stage	10 each

CHEMICALS

Requirements	Volume (mL)	Quantity
Formalin	500mL	5
Xylene	500 mL	1
Bouin's sol (Aqueous) ready made	100ml	1
Methylene Blue	150ml	2
Acetone	450ml	6
Absolute alcohol	Ethanol 500	4
Sodium chloride	500g	1
Eosin powder	125mL	1
Carmine powder	5g	1
Haematoxylin powder	5g	1
Ammonium alum	250g	4
Methyl alcohol	500mL	1
Glycerine	500mL	1
Chloroform	500mL	1
DPX	250mL	1
Sodium carbonate	500g	1
Sodium hydroxide	500g	1
Copper sulphate	500g	1
Sodium potassium Tartrate	500g	1
Acid HCL (dilute & conc.)	500ml	1,1
Buffer Tablet	6	2 Box
Benedict's reagent	500mL	1
Starch	500g	2
Picric acid	500g	1

GLASS GOODS

Requirements	Volume (mL)	Quantity
Beaker	250ml, 1L	5, 2
Measuring cylinder	250ml, 500ml, 1L	7, 5, 2
Glass Bottle	125ml, 250ml	5, 5
Spirit Lamp		10
Glass Container for Specimen Collection	2L, 1L, 500ml,	5, 10, 10
Glass slides	Box of 50	5
Cover slip	Box of 100	5
Glass Pipette	10ml	5
Burette	50ml	5
Filter paper (SD Fine/ Lab Star)	box of 100	1 pkt
Alpin		5 pkt

SPECIMEN

Requirements	Name	Quantity
Slide specimens	Amoeba, Plasmodium vivax, paramoecium	5, 5, 5
Glass jar specimens	Teania solium, Ascaris male & female, Scoliodon, Axolot larva, Tylostrotion, Gekko, Hemidactylus, Naja, Chiroptera,	Each one(1)
Histological slide	Stomach, Duodenum, Ilium, lungs, Liver, Pancreas, Testis, ovary, Kidney, Thyroid	Each two(2)
Bones	Whole endoskeleton of	Each one(1)

	Columba, cavia & Varanas	
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