



सत्यमेव जयते

Government of West Bengal
Post Graduate Department of Zoology
A. B. N. Seal College
Cooch Behar, PIN-736 101, West Bengal, India

Memo No.: X

Date: 14. 01. 2020

To,
The Officer-in-Charge,
A. B. N. Seal College,
Cooch Behar, PIN-736101

Sub.: Requisition for instruments/equipments and chemicals/glass goods for the P. G. Department of Zoology

Respected Sir,

With reference to the Memo No.: 468 (Sanc.) HED-16014 (11)/9/2018-CG/4C-13/18 Dt.: 24. 09. 2019 the undersigned would like to state that the following items are needed for better and smooth academic functioning in the said Department.

List of Instruments/Equipments

Sl. No.	Name of the Instrument/Equipment	Make/Model No.	Cat. No.	Quantity/Unit
1	Diamond Pencil/ Glass Marking Diamond Pencil	Any	-	1
2	Sahli's Haemoglobin meter	Any	-	20
3	Haemocytometer	-	-	15
4	Watchmaker's forceps	-	-	5
5	Monocular Compound Microscope	Any	-	10
6	Monocular Compound Microscope	Olympus Magmaster SM - 100	-	5
7	L Block for Blocking and Embedding	-	-	10
8	Electronic Weigh Balance	Wensar PGB 600	-	2
9	Test tube Holder	-	-	25
10	Spatula	-	-	4
11	Pointer Eye Pieces	Any	-	5
12	Monocular Compound Microscope	Olympus Magmaster SM-100	-	2
13	Metal loop	Himedia	LA650	1X8
14	Monocular Compound Microscope	Any	-	10
15	Disposable Blade Holder for Microtome	Any	-	1



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Sl. No.	Name of the Instrument/Equipment	Make/Model No.	Cat. No.	Quantity/Unit
16	UV VIS Spectrophotometer	Systronics, PCX Based Model 116	-	1
17	Vertical Gel electrophoresis	Himedia	-	8X7Cm, 1
18	Hamilton microsyringe	Himedia	-	1
19	Genei Cooler	Genei	GC 2(107101)	1
20	pH Meter	Labtronics LT-50	-	2
21	Stereozoom microscope	Carl Zeiss Stemi-305	-	1
22	Monoocular Compound Microscope	Magnus/Olympus	-	2
23	Sterio Binocular Microscope	Magnus MS 24	-	2
24	Inverter Battery with case	Luminus 180 Amp, Jumbo size	-	1
25	Laboratory Hot plate	Any	-	2
26	Test tube rack (3 Tire/Plastics)	Any	-	20
27	Pipette(1 ml)	Borosil R	-	5
28	Pipette(5 ml)	Borosil R	-	5
29	Burette	Borosil R	-	5
30	Lancet	Hicks	-	3 Packets (3 x 100)
31	Insect Pin	Any	-	300 Pieces
32	Slide Box	Any	-	15 Pieces
33	Aspirator	Any	-	5 Pieces
34	GPS Navigator	Etrex 10 Garmin	-	2
35	Compass	Carson	-	2
36	Binocular	Nikon Aculon A211 12x50	-	2

List of Chemicals/Glass Goods

Sl. No.	Name of the Chemicals/Glass Goods	Make/Model No.	Quantity/Unit
1	Potassium Dihydrogen Phosphate	Himedia	500 gm
2	Commassie Brilliant Blue	Himedia	25 gm
3	Freund's Complete Adjuvent	Himedia	10 ml.
4	Lymphocyte Separation Media	Himedia	100 ml
5	Sodium Azid	Himedia	100 gm



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Sl. No.	Name of the Chemicals/Glass Goods	Make/Model No.	Quantity/Unit
6	Tryptone	Himedia	500 gm
7	Proteinase K	Himedia	10 mg
8	Acrylamide	Himedia	500 gm
9	Bisacrylamide	Himedia	25 gm
10	Ethidium Bromide	Himedia	250mg
11	Ris Buffer	Himedia	500 gm
12	Ficoll	Himedia	10gm
13	E,Coli JM 109 or C 600	Himedia	1 pack
14	Plasmid Mini Prep Isolation Kit	Himedia	50 Pr
15	BamHI	Genei	1 vial
16	EcoRI	Genei	1 vial
17	Lamda DNA/ EcoRI digest	Genei	250µg
18	Lamda DNA/ HindIII digest	Genei	50 µg
19	Lamda DNA/ EcoRI/HindIII digest	Genei	250µg
20	Genei High Range DNA Ruler	Genei	(100 bp-10kb), 10µg
21	Protein Molecular Weight Markar Borad Range	Genei	0.25ml
22	Native PAGE PMW Markar	Genei	0.5ml
23	SDS PAGE rack Readyt to use PMW low range	Genei	0.5ml
24	100 bp DNA ladder	Genei	10µg
25	Chloroform	Himedia	500ml
26	Isoamyl Alchohol	Himedia	500ml
27	BSA	Himedia	50gm
28	pBR322	Genei	10µg
29	Ampicillin	Himedia	5 vial
30	RPMI	Himedia	500ml
31	Phytohaemaglutinin	Himedia	5 mg
32	Colchicine	Himedia	1 gm.
33	Chrom Alum	Himedia	100 gm
34	EDTA	Himedia	25 GM
35	Dia Thio tHERITOL(DTT)	Himedia	1 gm
36	IPTG	Himedia	500mg
37	X Gal	Himedia	100 mg
38	TEMED	Himedia/	100gm
39	Bromo phenol Blue	Himedia	5 gm.
40	Lysozyme	Himedia	5 gm



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Sl. No.	Name of the Chemicals/Glass Goods	Make/Model No.	Quantity/Unit
41	Sodium Acetate Xylene Cyamol	Himedia	5 gm
42	TRITON x100	Himedia	100ml
43	PMS	Himedia	5 gm
44	NBT	Himedia	250mg
45	Glacial Acetic Acid	Himedia	500 ml
46	Tween 20	Himedia	500ml
47	Taq Pol	Himedia/	250U
48	dNtPs	Genei	250U
49	Primer(Human) set	Genei	1 set
50	Selective medium for E Coli	Genei	
51	Antibiotic sensitivity disc(Hexa G plus1)	Himedia	1 pk
52	Restriction Buffer set	Genei	1 set
53	Ammonium per sulphate	Himedia/ others	100mg
54	Antibiotic sensitivity disc(Hexa G minus1)	Himedia	1 pk
55	Cylindrical Plastic tube(10 ml)	Himedia	1X1000
56	Cylindrical Plastic tube(15 ml graduated)	Himedia	1X1000
57	Glass Column(1.1cmX50 cm)	Genei	1 no.
58	Microtips (0.5-10 μ l)	Genei	1X1000
59	Microtips (1-200 μ l)	Genei	1X1000
60	Microfuge Tube (0.5 ml)	Genei	1X1000
61	Microfuge Tube (2 ml)	Genei	1X1000
62	Microtips (1000 μ l)	Himedia	1X1000
63	Centrifuge tube(Autoclavable)15 ml	Himedia	1X100
64	Conical tube , 15 ml		50/bag, 1 bag
65	Petriplate, 6 cm diameter, autoclavable		24
66	Metal loop	Himedia	6
67	Centrifuge tube with cap, 15 ml.	Tarson	1 X 8
68	Centrifuge tube with cap, 10 ml. (With Rounded Bottom)	Tarson	1 X 10
69	Pastuer Pipette	Tarson	10
70	Conical flask, 250 ml	Borosil,	5
71	Conical flask, , 500 ml	Borosil	5

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Sl. No.	Name of the Chemicals/Glass Goods	Make/Model No.	Quantity/Unit
72	Conical flask, , 1000 ml	Borosil	5
73	Glass Slides	Any	5 Boxes
74	Glass Coverslips Square	Any	5 Boxes
75	Glass Beaker 500 ml	Borosil	5
76	Glass Dropper 100 ml		5
77	Glass Funnel	Borosil	10
78	Antigen A and B, Anti Rh	Himedia	1
79	Methylene Blue	SRL	100 ml
80	DPX	SRL	250 ml
81	Paraffin Wax 58-60 degree C		100 ml
82	Eosin	Marck	250 ml
83	Haematoxylin	Marck	250 ml
84	Solvent 1		20 Bottles
85	Solvent 2		5 Bottles
86	Formaldehyde 500 ml	SRL	2 Bottles
87	Methanol	Himedia MB 113	1 Bottle
88	Gimsa stain	SRL	125 ml
89	Schiff reagent	SRL	250ml
90	Lugol's Iodine	Himedia	250 ml
91	Glycerol	SRL	500 ml
92	Acetone 500 ml	SRL	3 Bottles
93	H ₂ SO ₄ (Conc.)	Himedia	1 Bottle
94	HCl (Conc.)	Himedia/Merck	1 Bottle
95	Folin reagent 500 ml	Merck/Himedia	3 Bottles
96	Seliwanoff's reagent 100ml		2 Bottles
97	Millon's reagent	Himedia/Merck	250 ml
98	Leishman's Stain	Himedia/Merck/Others	500ml
99	Molish' Reagent	Himedia/Merck/Others	500ml
101	Burfoid Reagent	Himedia/Merck/Others	500ml
102	Petridish	Borosil R S line 3165077	10
103	Wax in petridish	Any	10
104	Test tube (15 ml)	Borosil R	200
105	Measuring cylinder (250 ml)	Borosil R	5
106	pH paper	Himedia	2 Boxes
107	Blotting Paper Sheet	Any	5 Boxes
108	Filter Paper Round	Any	5 Boxes

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Hence, you are earnestly requested to kindly do the needful in order to provide the same and oblige.

With regards,


Head 14.01.2020

Post Graduate Department of Zoology
A. B. N. Seal College, Cooch Behar

Head
Post Graduate Department of Zoology
A.B.N. Seal College
(Government of West Bengal)
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