

MIDNAPORE COLLEGE (AUTONOMOUS)
MIDNAPORE
TENDER NOTICE

Ref. No.- 14 /MC/TENDER/25

DATE:- 10.01.2025

Rate quotations (including all taxes) in sealed envelope are invited from authorised Contractors/ Suppliers/Concerns/Agencies only who have Credential, Trade Licence, Pan Card & GST registration and requisite credentials **within 17.01.2025 at 12.00 Noon** for following articles for **DBT-Star College Scheme**.

Quotation (Clearly mentioning Name of Department Clusters and maintaining the original sequence and serial as in this Tender document) may be submitted within specified date and time positively on working days from 11.00 a.m. to 4.00 p.m. in the Office Chamber of the Principal.

The date of opening tenders **18.01.2025 at 02.00 pm** Bidders may remain present during that period. The authority reserves the right to cancel the order / refuse the item / articles, in case any variation is found from the original terms and conditions. Further details of items may be had from the office of the Undersigned in all working days in working hours.

List of items under Recurring Components (DBT-Star College Scheme)

Chemistry Cluster

Contact for any query/clarification/specification: Dr. Gobinda Prasad Sahoo (+91 97325 93775)

Sl No	Name of reagent	Size/amount
1	Rectified spirit	500ml
2	HCl	2.5Lit
3	H ₂ SO ₄	2.5Lit
4	Chloroform	2.5Lit
5	N-N Dimethyl aniline	2.5Lit
6	Benzoic acid	500gm
7	Carbon tetra chloride	500ml
8	Teflon lined hydrothermal autoclave reactors, Screw Sealing	Capacity: 50 ml
9	Benzoin	500gm
10	Aspirin	100gm
11	Pot. Iodide	100gm
12	Iodine	25gm
13	Copper sulphate	500gm
14	Aniline hydrochloride	500gm
15	Silver acetate	25gm
16	Alpha- Naphthyl amine	500gm
17	P-Nitro aniline	500gm

18	Sodium hydroxide	500gm
19	Whatman- 40, 41	One box
20	Resorcinol	500gm
21	Glycerol	500ml
22	Nitro benzene	500ml
23	Litmus Blue Solution	125ml
24	Acetic acid	500ml
25	Wire Gauze With Frame	1pc
26	Silver Sulphate	25gm
27	Lead chloride	500gm
28	Sodium Sulphide	500gm
29	Ammonium metavanadate	100gm
30	Ammonium iodide	100gm
31	Ammonium nitrate	500gm
32	Silver nitrate	25gm
33	Catechol	500gm
34	Ortho phosphoric acid	500ml
35	Salicylamide	100gm
36	Nitroblue tetrazolium chloride(NBT)	100gm
37	Zinc acetate	500gm
38	L-Tyrosine	100gm
39	L-Cysteine	100gm
40	L-Aspartic acid	100gm
41	Starch	500gm
42	m-Chlorobenzoic acid	500gm
43	Thionyl chloride	500ml
44	Pyridine	500ml
45	Stearic acid	500gm
46	Cacotheline	25gm
47	1, 10-Phenanthroline	25gm
48	Tartaric acid	500gm
49	Lauric acid	500gm
50	EDTA	500gm
51	Sulphurous acid	500ml
52	Iso-propanol alcohol 90%	500ml
53	Ferrous chloride	500gm
54	Nessler's reagent, For Laboratory	125ml
55	Ammonia solution	2.5 Lit
56	4-Nitrophenol	500gm
57	Thiamine hydrochloride	500gm
58	Ferric chloride hexahydrated	500gm
59	Benzaldehyde	500ml
60	Anthraquinone	100gm
61	Silica gel (100-200 and 230-400 pore size 2 kg each)	500gm
62	TLC plate (Aluminum backing, coated with fluorescent indicator F254, size 20x20 cm for thin layer chromatography applications)	One box
63	2-Naphthol	500gm
64	Petroleum ether	25 liter drum, LR grade,
65	Ethyl acetate	2.5 liter bottle, LR grade,
66	Round bottom flask both 10 units	100 ml with 24 neck size
67	Round bottom flask	250 ml with 24 neck size
68	RB flask cork	24 neck size
69	Refluxing condenser	with water circular
70	Column, Length=400mm, Diameter=12mm	1pc

71	Test tube	15 ml
72	Test tube stand	1pc
73	Buchner funnel	1pc
74	Beaker	100 ml
75	Beaker	250 ml
76	Petri dish	(90x15 mm size) min. 10 unit
77	Parafilm	(125x4 inch) 1 unit
78	Pestle motor, (7 Inch) Size Round Shape Porcelain	1pc
79	20 Inch Lab Stand & Clamp Set, 1 Set Stand Support with 1 Flask Clamp & 2 Retort Rings for Chemistry Laboratory, Black	1pc
80	Separating funnel holder (round shape)	1pc
81	Forceps (plain)	1pc
82	Sodium bismuthate	100gm
83	Potassium Bromate	500gm
84	Glyoxal	500ml
85	Hydroxylamine hydrochloride	500gm
86	Acetylacetone	500ml
87	Ammonium chloride	500gm
88	Lead Acetate	500gm
89	Thiourea	500gm
90	Aluminium Sulphate	500gm
91	8-Hydroxyquinoline	500gm
92	Angiotensin	1gm
93	Biotin	1gm
94	Sodium selenite	100gm
95	Selenolanthionine	100gm
96	Selenic acid	100gm
97	glutathione	100gm
98	Albumin Bovine (pH 7) fraction V (Bovine Serum Albumin, BSA), 98%	1gm
99	Diethyl malonate	100gm
100	o-phenylene diamine	100gm
101	Trypsin	1gm
102	Congo Red	1gm
103	Dimethyl acetone-1,3-dicarboxylate,95%	1gm
104	2-Aminonicotinaldehyde,98%	1gm
105	Silica gel 60-120 mesh	500gm
106	N-bromosuccinimide	100gm
107	Phosphorus oxychloride	100gm
107	Hydrazine hydrate	100gm
108	Phenyl hydrazine	100gm
109	Galactose	500gm
110	Fructose	500gm
111	Mannose	500gm
112	Xylose	500gm
113	Acetone	500ml
114	Thioflavin	1gm
115	O-phthalaldehyde(OPA)	100gm
116	Human serum albumin (HSA)	1gm
117	Chloramphenicol	1gm
118	L-dopamine	1gm
119	Methyl acrylate	100gm
120	Phosphomolybdic acid	100gm
121	Silicon oil	500ml

122	Benzophenone	500gm
123	Silica gel (100-200 and 230-400 pore size)	2 kg
124	Isopropyl alcohol	
125	Soil testing System (for estimation of organic carbon)	25 Te
126	Soil testing System (for estimation of Sulphur)	20Te
127	Soil testing System (for estimation of N, P, K P ^H)	4×10Te
128	Soil testing System (for estimation of magnesium and calcium)	1×20Te
129	Doxorubicin	1gm
130	N,N-Dicyclohexylcarbodiimide(DCC)>99%	100gm
131	3-Oxobutanenitrile,95%	1gm
132	Ethyl 3-oxo-4-phenylbutanoate,95%	1gm
133	Diethyl acetylenedicarboxylate,98%	100gm
134	N-chlorosuccinimide	100gm
135	Cabergoline	10mg
136	Alizarine	10gm
137	Eosin	10gm
138	Bromophenol Blue	10gm

Physics and Electronic Cluster

Contact for any query/clarification/specification: Dr. Puspendu Kuila (+91 97346 66104)

Sl. No.	Item	Size/Quantity
1.	<ul style="list-style-type: none"> • IC 7400 • IC 7402 • IC 7404 • IC 7408 • IC 7410 • IC 7411 • IC 7420 • IC 7432 • IC 7476 • IC 7486 • IC 74138 • IC 74139 • IC 74151 • IC 74153 • IC 741 • IC 555 	
2.	Bread board	
3.	Bread board Connecting wire (red, green, black)	
4.	Resistor 10Ω 100Ω 1.0K 10KΩ 100KΩ 1.0MΩ 10MΩ 12Ω 120Ω 15Ω 150Ω 1.5KΩ 150KΩ 22Ω 220Ω 2.2KΩ 22KΩ 220KΩ 27Ω 270Ω 33Ω 330Ω 3.3KΩ 33KΩ 330KΩ 39Ω 390Ω 3.9KΩ 39KΩ 390KΩ 47Ω 470Ω 4.7KΩ 47KΩ 470KΩ 56Ω 560Ω 5.6KΩ 56KΩ 560KΩ 62Ω 620Ω 6.2KΩ 62KΩ 620KΩ 68Ω 680Ω 6.8KΩ 68KΩ 680KΩ 82Ω 820Ω 8.2KΩ 82KΩ 820KΩ	
5.	Capacitor 0.001μF, 0.01μF, 0.1μF, 1μF, 10μF, 22μF, 47μF, 100μF, 470μF, 1000μF	
6.	Zener diode (3.3V,5.6V,6.2V,9.1V)	
7.	PN diode IN4007	
8.	LED (red, green, Blue)	
9.	Wire wound pot 100Ω, 500Ω, 1kΩ, 10kΩ, 100kΩ, 1M	
10.	Transistor CL100	
11.	SCR RYN604	
12.	TRIAC BT 136/BTM36	
13.	IGBT BC20S	
14.	DIAC	
15.	UJT 2N2646	
16.	JFET BFW 10	
17.	MOSFET IRF740/IRF540	
18.	Tunnel diode	
19.	Inductor 10mH, 20mH, 30mH, 40mH, 50mH	
20.	LDR	
21.	Thermometer (0-100 C), (0-300 C),	
22.	Borosilicate Glass beaker	100ml
23.	Borosilicate Glass beaker	500ml
24.	Borosilicate Glass beaker	750ml
25.	Borosilicate Glass beaker	1Lit

26.	Polypropylene (PP) measuring cylinder	10 ml
27.	Polypropylene (PP) measuring cylinder	20 ml
28.	Polypropylene (PP) measuring cylinder	50 ml
29.	Polypropylene (PP) measuring cylinder	100 ml
30.	Polypropylene (PP) measuring cylinder	500 ml
31.	Rubber tube	
32.	Silicon oil	500ml
33.	Silicon oil	1 L
34.	Ordinary Multimeter	
35.	Precision Multimeter	
36.	Thermocouple	
37.	Scooter Bulb	
38.	Spectrometer Prism flint glass	
39.	Level meter (spirit level)	
40.	Digital Stopwatch	
41.	Quinck's tube	
42.	Germanium wafer	
43.	Iso propyl alcohol	2 L
44.	Ethanol (analytic grade)	500 mL
45.	Ethyl Glycol (analytic grade)	500 mL
46.	Acetone (analytic grade)	2 L
47.	Chloroform (analytic grade)	2L
48.	Hexane (HPLC grade)	2L
49.	Toluene (analytic grade)	2 L
50.	DMF (analytic grade)	500 mL
51.	Ethyl Acetate (analytic grade)	500 mL
52.	HCl (analytic grade)	500 mL
53.	H ₂ O ₂ (analytic grade)	500 mL
54.	Ammonia Solution (analytic grade)	500 mL
55.	TMAH (synthesis grade) Sigma	250 mL
56.	MPA (synthesis grade) Sigma	100 mL
57.	CCl ₄ (analytic grade)	500 mL
58.	Lithium fluoride (trace metal basis)	10 g
59.	Sodium fluoride (trace metal basis)	10 g
60.	Zinc acetate dihydrate (analytic grade)	100 g
61.	Silver nitrate (analytic grade)	100 g
62.	NaOH (analytic grade)	250g
63.	KOH (analytic grade)	250 g
64.	Hydrazine (analytic grade)	100 mL
65.	Acetic acid (analytic grade)	100 mL
66.	Bismuth nitrate pentahydrate (analytic grade)	100 mL
67.	Iron nitrate nonahydrate (analytic grade)	100 mL
68.	Potassium Nitrate (analytic grade)	100 g
69.	Ferrous (II) chloride (analytic grade)	100 g
70.	Ferrous (II) sulfate (analytic grade)	100 g
71.	Ferric (III) chloride (analytic grade)	100 g
72.	Ferric (III) nitrate (analytic grade)	100 g
73.	Silver Paste	25 g
74.	DMSO	500 mL
75.	Teflon	
76.	Tweezers (Medium)	
77.	Air bud	
78.	Spatula	
79.	Squeeze solvent container	500 mL

80.	magnetic stirrer bead	small
81.	magnetic stirrer bead	medium
82.	magnetic stirrer bead	large
83.	Small glass container with cap (5 mL, Homeopathy)	
84.	Dispo van Syringe and needle (2ml)	1 box
85.	Tissue Paper Roll	1 dozen
86.	Glass syringe and needle	1 mL
87.	Glass syringe and needle	5 mL
88.	Tarsons Sample container (50 mL)	50 mL
89.	Latex/Nitrile Gloves	Small
90.	Latex/Nitrile Gloves	Medium
91.	Quartz plate	
92.	Parafilm	
93.	200-1000ul Pipetteman tips Sterile	1 box
94.	2-200ul Pipetteman tips Sterile	
95.	Centrifuge Tube (Use for Remi centrifuge)	
96.	A4 Tracing paper	1 box
97.	Microcentrifuge tube	2mL
98.	Rubber Band	
99.	Glass slides (1mm)	
100.	Platinum resistanc thermometer (PRT)	
101.	Digital voltmeter (0 to 2 V, accuracy 0.001 V) DC	
102.	Digital voltmeter (0 to 2 V, accuracy 0.01 V) DC	
103.	Digital voltmeter (0 to 20 V) , DC	
104.	Digital milli-ammeter (0 to 100 mA) : AC	
105.	Digital milli-ammeter (0 to 100 mA) : DC	
106.	Digital milli-ammeter (0 to 200 mA) : AC	
107.	Digital milli-ammeter (0 to 200 mA) : DC	
108.	Digital micro-ammeter (0 to 200 μ A) : AC	
109.	Digital micro-ammeter (0 to 200 μ A) : DC	
110.	Digital null meter : AC	
111.	IC Tester	
112.	LCR meter	
113.	DC power supply: 0 to 2 V variable	
114.	DC power supply: 0 to 5 V variable	
115.	DC power supply: 0 to 15 V variable	
116.	DC power supply: \pm 12 V (for OPAMP experiment)	
117.	Diffraction grating - 15000LPI	
118.	Diffraction grating - 2500 LPI	
119.	Hydrogen tube	
120.	Hg lamp	

Mathematics, Statistics and Computer Science Cluster

Contact for any query/clarification/specification: Dr. Moumita Roy +91 98310 90713)

Item Category	Items	Specification (Size/Quality etc)	Quantity
Software	IBM SPSS Base Module	IBM SPSS Base Module, Version 30.0 (Data Preparation + Bootstrapping Included), 10 users	01
	IBM SPSS Regression	IBM SPSS Regression, 10 users	01

--	--	--	--

Botany Cluster

Contact for any query/clarification/specification: Dr. Parthapratim Maiti (+91 97346 66104)

Chemicals	Name of the chemical	Make	Quantity
1.	yeast extract	HIMEDIA/SRL	500gm x1
2.	Bacto-tryptone	HIMEDIA/SRL	500gm x1
3.	NaCl	SDF/SRL/Merck	500gmx2
4.	Agar agar	HIMEDIA/SRL	500gmx24
5.	LB broth	HIMEDIA/SRL	500gm x2
6.	Perchloric acid	SDF/SRL/Merck	500 ml
7.	Acetaldehyde	SDF/SRL/Merck	500 ml x2
8.	Diphenylamine	SDF/SRL/Merck	200 gm x2
9.	Glacial acetic acid	SDF/SRL/Merck	500 ml x2
10.	DNA	SDF/SRL/Merck	Minimum pack
11.	RNA	SDF/SRL/Merck	Minimum pack
12.	Agarose special, High EEO, For Molecular Biology (Nucleases and Proteases free)	SDF/SRL/Merck	Minimum pack
13.	Tris, Free base, For Molecular Biology	SDF/SRL/Merck	Minimum pack
14.	Acetic acid, For Molecular Biology	SDF/SRL/Merck	Minimum pack
15.	Ethidium bromide solution (10mg/ml), For Molecular Biology	SDF/SRL/Merck	Minimum pack
16.	EDTA disodium salt dihydrate, For Molecular Biology	SDF/SRL/Merck	Minimum pack
17.	2X PCR Taq Mixture	SDF/SRL/Merck	Minimum pack
18.	100 bp DNA Ladder	SDF/SRL/Merck	Minimum pack
19.	Glycine for Molecular Biology	SDF/SRL/Merck	Minimum pack
20.	TEMEDA	SDF/SRL/Merck	Minimum pack
21.	Acrylamide	SDF/SRL/Merck	Minimum pack
22.	Bis- Acrylamide	SDF/SRL/Merck	Minimum pack
23.	Riboflavin for gel	SDF/SRL/Merck	Minimum pack
24.	Sucrose for gel	SDF/SRL/Merck	Minimum pack
25.	Ammonium persulphate for gel	SDF/SRL/Merck	Minimum pack
26.	Coomassie blue	SDF/SRL/Merck	Minimum pack
27.	TCA	SDF/SRL/Merck	Minimum pack
28.	SDS	SDF/SRL/Merck	Minimum pack

29.	Tris-SDS buffer (10x) pH 6.8	SRL/Merck/Genei	Minimum pack
30.	Tris- SDS buffer (10x) pH 8.8	SRL/Merck/Genei	Minimum pack
31.	Proteinase K	SDF/SRL/Merck	500 ml x2
32.	Phenol	SDF/SRL/Merck	500 gm x1
33.	Chloroform	SDF/SRL/Merck	500 ml x4
34.	Lead Acetate	SDF/SRL/Merck	20 lit
35.	Isopropanol	SDF/SRL/Merck	Minimum pack
36.	Ethanol	SDF/SRL/Merck	Minimum pack
37.	Agarose for gel	SDF/SRL/Merck	500 ml
38.	NaH ₂ PO ₄	SDF/SRL/Merck	Minimum pack
39.	Tween 80	SDF/SRL/Merck	Minimum pack
40.	Hexa decyl trimethylammonium bromide (CTAB)	SDF/SRL/Merck	Minimum pack
41.	Polyvinylpyrrolidone (PVP)	SDF/SRL/Merck	Minimum pack
42.	PVDF membrane	Genei/ SRL/ Sigma	Minimum pack
43.	Ascorbic acid	SDF/SRL/Merck	Minimum pack
44.	β-mercaptoethanol (BME)	SDF/SRL/Merck	Minimum pack
45.	Potassium acetate	SDF/SRL/Merck	500gm x2
46.	sodium acetate	SDF/SRL/Merck	250 ml x2
47.	bromophenol blue	SDF/SRL/Merck	250 gm x1
48.	Nutrient broth	HIMEDIA/SRL	500 gm x3
49.	Folincioalteau reagent	SDF/SRL/Merck	Minimum pack
50.	Sodium potassium tartrate	SDF/SRL/Merck	500gx1
51.	PD broth	HIMEDIA/SRL	250g x1
52.	Amylase	SDF/SRL/Merck	200g x1
53.	Peptone	HIMEDIA/SRL	250g x1
54.	Beef extract	HIMEDIA/SRL	500gx2
55.	Calcium carbonate	SDF/SRL/Merck	500gx2
56.	Nacl	SDF/SRL/Merck	250gx 1
57.	Dextrose	SDF/SRL/Merck	Minimum pack
58.	Starch	SDF/SRL/Merck	Minimum pack
59.	Casein	SDF/SRL/Merck	6 vials
60.	Lysozyme	SDF/SRL/Merck	500ml x4
61.	Protease	SDF/SRL/Merck	250 gm x2
62.	Different Antibiotic disc	HIMEDIA/SRL	1 roll
63.	Liquid parafilm	SDF/SRL/Merck	500 gm x4
64.	Dinitrosalicilic acid	SDF/SRL/Merck	500 gm x4
65.	TLC Paper	SDF/SRL/Merck	500 gm x4
66.	Ashby,s agar media	HIMEDIA/SRL	500 gm x4
67.	CzapekDox broth	HIMEDIA/SRL	500gx1
68.	EMB media	HIMEDIA/SRL	Minimum pack

69.	MacConkey,s broth	HIMEDIA/SRL	5 pack
70.	Carboxymethyl	SDF/SRL/Merck	3 pack
71.	IMVIC test reagent	SDF/SRL/Merck	6 vials
72.	Soil testing System (NPK)	SDF/SRL/Merck/Himedia	250 gm x2
73.	Soil testing System micronutrient	SDF/SRL/Merck/Himedia	250 gm x2
74.	Buffer tablet	SDF/SRL/Merck	500 ml x4
75.	Malachite green	SDF/SRL/Merck	100ml x 12 x1
76.	Ninhydrin	SDF/SRL/Merck	100ml x12
77.	Acetone	SDF/SRL/Merck	100 ml x12
78.	Grams Safranin solution	Merck/Himedia/ stanbio	20 lit
79.	Grams Crystal violet solution	Merck/Himedia/ stanbio	20 lit
80.	Grams Iodine solution	Merck/Himedia/ stanbio	200 gm x2
81.	Rectified sprit	local	500mlx1
82.	Alcohol	Bengal chemical	500mlx1
83.	Safranin	SDF/SRL/Merck	500gm x1 x1
84.	Toluene	SDF/SRL/Merck	500gm x1
85.	Tris hydroxi methyl aminomethane		500gm
86.	Maleic acid		200 gm x2
87.	Citric acid		250g x1
88.	Boric Acid		500g x1
89.	light green	SDF/SRL/Merck	500g x1
90.	P-nitrophenyl phosphatetetrahydrate		500g x1
91.	p-nitrophenol		200 gm x2
92.	Cacl ₂ ,2H ₂ O		50 gm x3
93.	Sodium hydroxide		50 gm x3
94.	bismark brown	SDF/SRL/Merck	500 ml x4
95.	orcin	SDF/SRL/Merck	100 gm x2
96.	carmine	SDF/SRL/Merck	500 ml x 10
97.	Acetic acid	SDF/SRL/Merck	500gm x2
98.	Eocin	SDF/SRL/Merck	500 gm x2
99.	Formalin	SDF/SRL/Merck	500 gm x2
100.	Potassium hydroxide	SDF/SRL/Merck	500 gm x2
101.	Sodium hydroxide	SDF/SRL/Merck	200gm x2
102.	Sodium –thiosulfate	SDF/SRL/Merck	200gm x2
103.	Manganese –sulfate	SDF/SRL/Merck	500 gm x2
104.	Potassium iodide	SDF/SRL/Merck	500 ml x 2
105.	Sodium bi-carbonate	SDF/SRL/Merck	200gm x2
106.	Sodium carbonate	SDF/SRL/Merck	200 gm
107.	Lactic acid	SDF/SRL/Merck	500 ml x10
108.	Glycerine (concentrated)	SDF/SRL/Merck	500 ml x2
109.	Cotton blue	SDF/SRL/Merck	500 ml x2
110.	Methyl alcohol	SDF/SRL/Merck	500 ml x2
111.	Xylene	SDF/SRL/Merck	10 lit
112.	Canada balsum	SDF/SRL/Merck	10 lit
113.	DPX	SDF/SRL/Merck	500mlx2
114.	HCl	SDF/SRL/Merck	500 ml x1
115.	H ₂ SO ₄	SDF/SRL/Merck	5 lit
116.	Ammonia solution	SDF/SRL/Merck	100 ml
117.	Potassium hydroxide	SDF/SRL/Merck	500 gm x2
118.	HNO ₃	SDF/SRL/Merck	500 gm
119.	Clove oil	SDF/SRL/Merck	500 ml x 4
120.	Silica gel for TLC	SDF/SRL/Merck	500 x 4
121.	Silica gel (for column)	SDF/SRL/Merck	500 ml x4

122.	Sealionfs reagent	SDF/SRL/Merck	500 ml x4
123.	Isopropanol (pure)	SDF/SRL/Merck	500 gm x2
124.	Benedicts reagent	SDF/SRL/Merck	500 gm x2
125.	Fhelings-A, Felings-B	SDF/SRL/Merck	500 ml x2
126.	Ammonium hydroxide	SDF/SRL/Merck	500 ml
127.	Copper sulphate	SDF/SRL/Merck	500 ml
128.	Hydrogen peroxide	SDF/SRL/Merck	500 ml
129.	Rbc diluting fluid	SDF/SRL/Merck	500ml x2
130.	Wbc diluting fluid	SDF/SRL/Merck	500 gm
131.	Lismens reagent	SDF/SRL/Merck	50 gm
132.	N butanol	SDF/SRL/Merck	500 gm x4
133.	Fecl ₃	SDF/SRL/Merck	500 ml
134.	Orcinol	SDF/SRL/Merck	500 ml
135.	Ammonium ferrous sulphate	SDF/SRL/Merck	500 ml x4
136.	Acetonitryl	SDF/SRL/Merck	200 gm
137.	N-hexane	SDF/SRL/Merck	500gm x2
138.	Burfoids reagent	SDF/SRL/Merck	500 gm
139.	Di-phenyl amin	SDF/SRL/Merck	500 gm x2
140.	Ferus sulphate	SDF/SRL/Merck	500 gm x2
141.	Titanium sulfate	SDF/SRL/Merck	500 ml x2
142.	Na ₂ Hpo ₄	SDF/SRL/Merck	50 gm x2
143.	NaH ₂ po ₄	SDF/SRL/Merck	500 gm x2
144.	Millons reagent	SDF/SRL/Merck	500 ml x2
145.	Colchicin	SDF/SRL/Merck	Minimum pack
146.	Sodium chlorate	SDF/SRL/Merck	Minimum pack
147.	Chloroform	SDF/SRL/Merck	500 ml
148.	R Nase	SDF/SRL/Merck	500 gm x2
149.	Pyrogallol	SDF/SRL/Merck	200 gm
150.	Folin-phenol reagent	SDF/SRL/Merck	500 gm
151.	Superoxide Dismutase System	SDF/SRL/Merck	500 x2
152.	Glutathione Peroxidase assay System	Sigma/SRL/Merck	100 gm
153.	NBT (liquid or granules)	SDF/SRL/Merck	500 gm x2
154.	Prestained Protein Ladder (10-200kD)	Himedia/ genei	100 gm
155.	Acetonitrile	Mark	500 gm x2
156.	Starch(soluble)	SDF/SRL/Merck	500 gm
157.	Anthrone	SDF/SRL/Merck	100ml x5
158.	Gryse(machine grade)	SDF/SRL/Merck	500mlx1
159.	Perchloric acid	SDF/SRL/Merck	500mlx 2
160.	Tetrazolium	SDF/SRL/Merck	20 pc
161.	Potassium permanganete	SDF/SRL/Merck	50 ml x50 pc
162.	Phenolphthalin	SDF/SRL/Merck	100ml x50 pc
163.	Potassium bicarbonate	SDF/SRL/Merck	200ml x50 pc
164.	Robosasl broth	SDF/SRL/Merck	500ml x50 pc
165.	Indian ink	SDF/SRL/Merck	Minimum pack
166.	Lactothanol	SDF/SRL/Merck	Minimum pack
167.	Lactophenol cotton blue	SDF/SRL/Merck	Minimum pack
168.	inoculating needle(loop changeable handle)		25 pice
169.	Reagent bottle (borosil)		50 pice
170.	Ethyl acetate	SDF/SRL/Merck	15 lit
171.	DCM	SDF/SRL/Merck	5 lit

172.	Methanol	SDF/SRL/Merck	25 lit
173.	Potassium bismuth iodine	SDF/SRL/Merck	500gm
174.	Potassium mercuric iodide	SDF/SRL/Merck	500gm
175.	Coper acetate	SDF/SRL/Merck	500gm
176.	Alpha-Linolenic acid	SDF/SRL/Merck	50ml
177.	Hexane	SDF/SRL/Merck	25 lit

Miscellaneous items			
	Name of the item	Make	
178.	Distiller water canister 5 lit	Tarson/Polylab	3 pieces
179.	Microcentrifuge tube	2ml	Tarson/Polylab
180.		5ml	Remi
181.		50ml	Remi
182.	Microtips	1ml	Tarson/Polylab
183.		200 micro lit	Tarson/Polylab
184.	Blotting paper	Local	50 sheet
185.	pH paper	Himedia	25 pack
186.	litmus paper blue and red	Himedia	25 pack
187.	filter paper (ordinary)	local	30 pack
188.	filter paper	Whatman	20 pack
189.	Cotton absorbent		20 pounds
190.	Cotton nonabsorbent		10 pounds
191.	Test tube rack 20 Hole	Tarson	20 pices
192.	Plastic tray	local	30 pices
193.	Test tube bucket aluminium make	local	10 pices
194.	Sprit lamp	local	20 pices
195.	Distilled water bottle	Tarson	10 nos
196.	Pippet sucker		10nos
197.	Inoculating needle with open ableloop		10 nos
198.	Eppendorf tubes	2 ml	2 box
199.		1.5 ml	2 box
200.	Parafilm roll		6 roll
201.	Tissue paper		
202.	Aluminum foil	local	5 roll
203.	Autoclavable polybag	local	
204.	Cork borer	local	2 set
205.	Spatula different size	local	20 nos
206.	Autoclave able polybag	Himedia	100 nos
207.	Petridish	Tarson	1000nos
208.	Conical 250 ml	Tarson	50nos
209.	Autoclave able polybag	local	1 kg
210.	thermometer	jeal	10 nos
211.	Hemocytometer	Erma	20 nos
212.	measuring tape		2no
213.	Mortar-pestle		10 pices
214.	TLC plate		1 box
215.	Iron column stand		20 pices

Glass Goods				
	Name of the item		Make	quantity
216.	Conical Flask	250 ml	Borosilicate	100 nos
217.		100 ml	Borosilicate	20 nos
218.		50 ml	Borosilicate	20 nos
219.	Pipette	10ml	Borosilicate	50 nos
220.		5ml	Borosilicate	50 nos
221.		1ml	Borosilicate	50 nos
222.	Beaker	1lit	Borosilicate	4 nos
223.		500ml	Borosilicate	4 nos
224.		250ml	Borosilicate	100 nos
225.		100ml	Borosilicate	50 nos
226.	Measuring cylinder	100ml	Borosilicate	10 nos
227.		50ml	Borosilicate	50 nos
228.	Funnel		Local	20 nos
229.	Glass rod		Local	2 kg
230.	Separating flask 500 ml		Borosil	2 nos
231.	Petridish tetra		Tarson	50nos
232.	Durhams tube		local	200 nos
233.	Slide (1mm)		Bluestar	10 box
234.	Coverslip		Bluestar	10 box
235.	Petridish		Borosil	200 pices
236.	Test tube		Borosil	1500 pices
237.	Burret With strand		Borosil and tarson	20 pices
238.	Glass Column (CG-1196)		Borosil	5 pices
239.	Round bottle flask (10 ml)		Borosil	5 pices

Specimen			
	Name of the Specimen	Make	quantity
240.	<i>Rhizopus</i> sporangium and zygospore	Biasco	10 vials
241.	<i>Penicillium</i> sporangiophore with sporangia	Biasco	10 vials
242.	<i>Aspergillus</i> sporangia	Biasco	10 vials
243.	<i>Ascobolous</i> fruit body	Biasco	10 vials
244.	<i>Cercospora</i> sporangia	Biasco	10 vials
245.	<i>Puccinia</i> wheat infected and burbery infected	Biasco	10 vials
246.	<i>Agaricus</i> fruit body	Biasco	10 vials
247.	Albugo	Biasco	10 vials
248.	Lichen thallus with sexorgan	Biasco	10 vials
249.	Late blight of potato	Biasco	10 vials
250.	Black stem rust of wheet	Biasco	10 vials
251.	Tikka disease of ground nut	Biasco	10 vials
252.	<i>Riccia</i> sex organ and sporophill	Biasco	10 vials
253.	Marchantia antheriophore and archigoniophore	Biasco	10 vials
254.	<i>Anthoceros</i> sporophyte	Biasco	10 vials
255.	<i>Pellia</i> , sexorgan and sporophyte	Biasco	10 vials
256.	<i>Porella</i> sexorgan and sporophyte	Biasco	10 vials
257.	<i>Sphagnum</i> sporophyte	Biasco	10 vials
258.	<i>Funaria</i> sporophyte	Biasco	10 vials
259.	<i>Psilotum</i> sporangium and slide	Biasco	10 vials
260.	<i>Lycopodium</i> sporophill	Biasco	10 vials
261.	<i>Selaginella</i> strobilus	Biasco	10 vials
262.	<i>Equisetum</i> strobilus	Biasco	10 vials
263.	<i>Pteris</i>	Biasco	10 vials
264.	<i>Cycas</i> male and female sprophill	Biasco	10 vials
265.	<i>Pinus</i> strobilus	Biasco	10 vials
266.	<i>Gnetum</i> male and female cone	Biasco	10 vials
267.	<i>Peziza</i>	Biasco	10 vials
268.	<i>Alternaria</i>	Biasco	10 vials
269.	<i>Lycane</i>	Biasco	10 vials
270.	<i>Nostoc</i>	Biasco	10 vials
271.	<i>Chlamydomonus</i>	Biasco	10 vials
272.	<i>Oedogonium</i>	Biasco	10 vials
273.	<i>Vaucheria</i>	Biasco	10 vials
274.	<i>Focus</i>	Biasco	10 vials
275.	<i>Polysiphonia</i>	Biasco	10 vials
276.	<i>Volvox</i>	Biasco	10 vials
277.	<i>Coleochaete</i>	Biasco	10 vials
278.	<i>Chara</i>	Biasco	10 vials
279.	<i>Alternaria</i>	Biasco	10 vials
280.	<i>funaria</i>	Biasco	10 vials
281.	<i>Ectocarpus</i>	Biasco	10 vials
282.	<i>Prochlorom</i>	Biasco	10 vials
283.	Slide of <i>cycas</i> male cone and female cone	Biasco	10 vials

Zoology Microbiology Cluster

Zoology

Contact for any query/clarification/specification: Dr. Goutam Ghosh (+91 9433781819)

Sl. No.	Items	Make	Unit Size
1	Eosin powder/soln	Loba/Merck/Hi-media/Thermo-Fisher	10 gm/125ml
2	Aceto-orcein	Loba/Merck/Hi-media/Nice/ACS chemicals	100 ml
3	Aceto-carmine	Loba/Merck/Hi-media/Nice/ACS chemicals	100 ml
4	Borax carmine	Loba/Merck/Hi-media/Nice/ACS chemicals	125 ml
5	Leishman's Stain	Loba/Merck/Hi-media/Nice/ACS chemicals	100 ml
6	Methylene Blue	Loba/Merck/Hi-media/Nice/ACS chemicals	250 ml
7	Phenolphthelin	Loba/Merck/Hi-media	100 ml
8	Ammonium persulphate (Molecular biology grade)	Sigma/Merck/Hi-media	100 g
9	Trypan Blue	Loba/Merck/Hi-media/Nice/ACS chemicals	100 ml
10	Starch	Loba/Merck/Hi-media	250 ml
11	Urease powder	Loba/Merck/Hi-media	100 g
12	BSA	Loba/Merck/Hi-media	500 ml
13	Barfoed's reagent	Loba/Merck/Hi-media/Nice/ACS chemicals	500 ml
14	Benedict's reagent	Loba/Merck/Hi-media/Nice/ACS chemicals	125 ml
15	Fehling's A (qualitative)	Loba/Merck/Hi-media/Nice/ACS chemicals	500 ml
16	Fehling's B (qualitative)	Loba/Merck/Hi-media/Nice/ACS chemicals	500 ml
17	Millon's reagent	Loba/Merck/Hi-media/Nice/ACS chemicals	125 ml
18	Molisch's reagent	Loba/Merck/Hi-media/Nice/ACS chemicals	125 ml
19	NP-40 (Mol Bio Grade)		250ml
20	PMSF (Mol Bio Grade)		5gm
22	Iodine Solution	Loba/Merck/Hi-media/Nice/ACS chemicals	100 ml
23	Seliwanoff's reagent	Loba/Merck/Hi-media/Nice/ACS chemicals	500 ml
24	Sodium carbonate	Loba/Merck/Hi-media	1 kg
25	Sulphuric acid (H ₂ SO ₄)	Loba/Merck/Hi-media	500ml
26	Glacial Acetic acid	Loba/Merck/Hi-media	500 ml
27	Sodium Hydroxide (NaOH)	Loba/Merck/Hi-media	500g
28	Copper sulphate (CuSO ₄)	Loba/Merck/Hi-media	500g
29	α-Nathphol	Loba/Merck/Hi-media	100g
30	Sodium Hydrochlorite	Loba/Merck/Hi-media	500g
31	WBC Diluting solution (Türk's solution)	Labogens/Loba/Merck/Hi-media/Nice/ACS	500 ml
32	RBC Diluting solution	Labogens/Loba/Merck/Hi-media/Nice/ACS	500 ml
33	MB Broth	Himedia/Merck	100 gm
34	Buffer tablet (3 different pH) ~4,7,9	Available quality brand	tab 10 each
35	α-Amylase	Sigma/Merck/Hi-media	100g
36	Paraffin for Histology	Loba/Merck/Hi-media	500g
37	Paraffin for dissection tray	Local	1 kg

38	Blood Grouping System	AutoSpan/Arkray	
39	Phenol (Mol. bio. grade)	Loba/Merck/Hi-media	500 gm
40	Hi Per Bacterial DNA Extraction Teaching System (10 reactions)	HiMedia_HTBM009	
41	Hi Per Plasmid DNA Isolation System (20 reactions)	HiMedia_HTBM003	
42	Hi Per Cloning Teaching System (5 reactions)	HiMedia_HTBM022	
43	Hi Per Transformation Teaching System (10 reactions)	HiMedia_HTBM017	
44	Hi Per DOT ELISA Teaching System (20 reactions)	HiMedia_HTI015	
45	Hi Per Immunoelectrophoresis Teaching System (20 reactions)	HiMedia_HTI005	
46	Hi Per ODD Teaching System (10 reactions)	HiMedia_HTI002	
47	Hi PurA Soil DNA Purification System (20 reactions)	HiMedia_MB542-20PR	
48	Hi Per Phage Titration Teaching System	HiMedia_HTM003	
49	Water for chromatography (LC-MS Grade)	Merck_CAS 7732-18-5	
50	Potassium hexacyanoferrate (III) 100g	Merck_1049730100	
51	Deoxycholate citrate agar	Hi Media_MM065-100G	
52	2-6 Di Chlorophenol Endophenol	Sigma/MERCK/Thermo Fisher/Loba	500 ml
53	40% Acrylamide, bis acrylamide	Sigma/MERCK/Thermo Fisher/Loba	100 ml
54	Acetocarmine	Sigma/MERCK/Thermo Fisher/Loba	250 ml
55	Acetone	Sigma/MERCK/Thermo Fisher/Loba	500 ml
56	Acid and alkaline phosphatase	Sigma/MERCK/Thermo Fisher/Loba	1000 units
57	Acid Fuchsin calcium salt	Sigma/MERCK/Thermo Fisher/Loba	25g
58	Acrylamide	Sigma/MERCK/Thermo Fisher/Loba	500 gm
59	Aeto orcein	Sigma/MERCK/Thermo Fisher/Loba	100 ml
60	Agarose for Nucleic Acid Electrophoresis	Sigma/MERCK/Thermo Fisher/Loba	500gm
61	Alizarine red S	Sigma/MERCK/Thermo Fisher/Loba	25 g
62	Aniline Blue diammonium salt	Sigma/MERCK/Thermo Fisher/Loba	25g
63	Ascorbic acid (Vita-C)	Sigma/MERCK/Thermo Fisher/Loba	100 gm
64	Azocarmine	Sigma/MERCK/Thermo Fisher/Loba	25 g
65	Basic Fuchsin, Dye content ≥88 %,	Sigma/MERCK/Thermo Fisher/Loba	25g
66	Benedict Quantitative	Sigma/MERCK/Thermo Fisher/Loba	500ml
67	Bilirubin assay System	Sigma/MERCK/Thermo Fisher/Loba	System
68	Bis acrylamide (Molecular biology)	Sigma/MERCK/Thermo Fisher/Loba	100 ml
69	Glucose Assay System (Colorimetric)	Cell Biolab-STA-680	500 assays
70	Blood Group Test System		
71	blood urea test system	Sigma/MERCK	System
72	BLUeye Prestained Protein Ladder	Sigma	2*500uL
73	Bromophenol blue	Sigma/MERCK/SRL	25 gm
74	Calcium chloride	Sigma/MERCK/SRL	5kg
75	Calcon	Sigma/MERCK	100 gm
76	Carmine	Sigma/MERCK	5 gm

77	chloramphenicol	Sigma/MERCK	25 gm
78	Chloroform	Sigma/MERCK	500 ml
79	Chromotrope 2R	Sigma/Merck	25g
80	Colchicine	Sigma/MERCK	25 gm
81	Coomasie brilliant blueR	Sigma/MERCK	25 gm
82	Copper sulfate	Sigma/MERCK	500 gm
83	Creatinine assay System	Sigma/MERCK	System
84	Bradford reagent	Sigma/MERCK	100 gm
85	Cupric sulphate pentahydrate	SRL/HiMedia	500 gm
86	Diethyl ether	Sigma/MERCK	500 ml
87	Dimethyl Sulphoxide (DMSO)	Sigma/MERCK	500 ml
88	DNA from calf thymus	Sigma/MERCK	5 mg
89	DNA ladder	Sigma/MERCK	50 µg
90	Blood & Tissue DNA Extraction System (100)	QIAGEN/Thermo	1 Pack
91	EDTA	Sigma/MERCK/Thermo/Loba	500 gm
92	EGTA	Sigma/MERCK/Thermo/Loba	25 gm
93	Eosin	Sigma/MERCK/Thermo/Loba	10 gm
94	Equilibrated Phenol	Sigma/MERCK/Thermo/Loba	500 ml
95	Ethanol	Sigma/MERCK/Thermo/Loba	500 ml
96	Ethidium bromide	Sigma/MERCK/Thermo/Loba	5 gm
97	Folin & Ciocalteu's phenol reagent	SRL/HiMedia	500ml
98	γ-Glutamyltransferase (GGT) Activity Colorimetric Assay Reagent	Sigma/MERCK	box
99	Giensa powder	Sigma/MERCK/SRL	100 gm
100	Glycerol	SRL/HiMedia	500 ml
101	Glycine	SRL/HiMedia	500 gm
102	Haematoxylin	Sigma/MERCK	100 ml
103	HCL	Merck/SRL	500 ml
104	Hexane	Merck/SRL	1 ltr
105	SGOT (ALAT) Estimation Reagents	HiMedia	1 Pack
106	SGPT (ALAT) Estimation Reagents	HiMedia	1 Pack
107a	HotStarTaq DNA Polymerase with buffer set	Qiagen/Takara/Invitrogen	1 Pack
107b	Recombinant Taq DNA Polymerase with buffer set	Qiagen/Takara/Invitrogen	1 Pack
108	Iodine Monochloride extrapure, 98%	Sigma/MERCK/Thermo/Loba	25 gm
109	Janus Green B (JG-B), 65%	Sigma/MERCK/Thermo/Loba	25 gm
110	kanamycin	Sigma/MERCK/Thermo/Loba	5 gm
111	LB Agar	Sigma/MERCK/Thermo/Loba	500 gm
112	LB Broth	Sigma/MERCK/Thermo/Loba	500 gm
113	Leishman stain	Sigma/MERCK/Thermo/Loba	100 gm
114	Mercury(II) chloride, ACS reagent, ≥99.5%,	Sigma/MERCK/Thermo/Loba	500g
115	Metaphosphoric Acid	Sigma/MERCK/Thermo/Loba	500 gm

116	Methanol	Sigma/MERCK/Thermo/Loba	500 ml
117	Milipore water (deionized water)	Sigma/MERCK/Thermo/Loba	1 ltr
118	NFDM	Sigma/MERCK/Thermo/Loba	500 gm
119	Orange G	Sigma/MERCK/Thermo/Loba	25g
120	Paraffin Wax 60C	Sigma/MERCK/Thermo/Loba	1 kg
121	Periodic Acid	Sigma/MERCK/Thermo/Loba	500 ml
122	Phenol chloroform	Sigma/MERCK/Thermo/Loba	500 ml
123	Phenolphthalein	Sigma/MERCK/Thermo/Loba	500 gm
124	Phosphate-buffered saline tablets	Sigma/MERCK/Thermo/Loba	100 tablets
125	pH STANDARD BUFFER CAPSULE pH 4.0,7.0, 9.2	Sigma/MERCK/Thermo/Loba	1 VIAL EACH
126	Phosphomolybdic acid hydrate	Sigma/MERCK/Thermo/Loba	100g
127	Phosphotungstic acid	Sigma/MERCK/Thermo/Loba	25g
128	Plasmid purification System	QIAGEN-tip 20 (25)	
129	Polyethylene glycol	Sigma/MERCK/Thermo/Loba	1 kg
130	Potassium acetate mol bio grade	Sigma/MERCK/Thermo/Loba	500 gm
131	Potassium dichromate ReagentPlus®, ≥99.5%	Sigma/MERCK/Thermo/Loba	500g
132	Potassium iodite	Sigma/MERCK/Thermo/Loba	100 gm
133	Potassium sulfate	Sigma/MERCK/Thermo/Loba	250g
134	Pyronin Y certified	Sigma/MERCK/Thermo/Loba	5 gm pack
135	Rectified Spirit	Bengal Chemical	500 ml
136	Schiff's Reagent	Sigma/MERCK/Thermo/Loba	500 ml
137	SDS	Sigma/MERCK/Thermo/Loba	100 gm
138	Sodium chloride	Sigma/MERCK/Thermo/Loba	1 kg
139	Sodium citrate	Sigma/MERCK/Thermo/Loba	500 gm
140	Sodium hydroxide	Sigma/MERCK/Thermo/Loba	500 gm
141	Potassium sodium tartrate tetrahydrate	Sigma/MERCK/Thermo/Loba	500 gm
142	Sodium Tungstate	Sigma/MERCK/Thermo/Loba	500 gm
143	Sudan black B	Sigma/MERCK/Thermo/Loba	25 gm
144	TEMED	Sigma/MERCK/Thermo/Loba	100 ml
145	Tris- base	Sigma/MERCK/Thermo/Loba	1 kg
146	Tris-HCL	Sigma/MERCK/Thermo/Loba	1kg
147	Triton x-100 (Molecular biology grade)	Sigma/MERCK/Thermo/Loba	100 ml
148	Tryptone	Sigma/MERCK/Thermo/Loba	250 gm
149	Unstained Protein molecular wt marker Medium range (14-80kDa)	Sigma/MERCK/Thermo/Loba	1 vial
150	Xylene	Sigma/MERCK/Thermo/Loba	500 ml
151	Yeast powder	Sigma/MERCK/Thermo/Loba	500 gm
152	Napthelene balls (Grade-1)	Bengal Chemicals	1kg
153	2-Propanol	Merck/SRL	4L
154	Immersion oil for microscopy	Sigma 56822-250ML	250ML
155	DTT (Mol Bio Grade)	Sigma/MERCK/Thermo/Loba	5gm
156	BETA-MERCAPTOETHANOL (Mol Bio Grade)	Sigma/MERCK/Thermo/Loba	10ml

157	LB MEDIA (Mol Bio Grade)	Sigma/MERCK/Thermo/Loba	500gm
158	TRYPsin (Mol Bio Grade)	Sigma/MERCK/Thermo/Loba	100gm
159	Protease Inhibitor Cocktail (Mol Bio Grade)	Sigma/MERCK/Thermo/Loba/Himedia	1ml
160	Prestained protein marker approx range 12-200Kda	Sigma/MERCK/Thermo/Loba/Himedia	500 µl
161	Protein marker	Sigma/MERCK/Thermo/Loba/Himedia	501 µl
162	PVDF membrane 0.22 µm	Millipore	1unit
163	PSN	Sigma/MERCK/Thermo/Loba	100 ml
164	Kanamycin	Sigma/MERCK/Thermo/Loba	1gm
165	Chloramphenicol	Sigma/MERCK/Thermo/Loba	25gm
166	Ampicilline	Sigma/MERCK/Thermo/Loba	25gm
167	Tetracycline	Sigma/MERCK/Thermo/Loba	25gm
168	Taq pol	Sigma/MERCK/Thermo/Invitrogen	250units
169	PROTEINASE-K	Sigma/MERCK/Thermo/Invitrogen	
170	CTAB(CETYLTRIMETHYLAMMONIUM BROMIDE)	Sigma/MERCK/Thermo/Loba	
171	dNTP mix (10 mM each)	Sigma/MERCK/Thermo/Loba	500ul
172	Sterile Gloves (nitrile)		Medium
173	Sterile Gloves (nitrile)		Large
174	Aluminium Foil		10 roll
	Clean (cello) wrap		5 roll
175	18S PRIMER	Nem_18S_F: 5'- CGCGAATRGCTCATTACAACAGC -3' Nem_18S_R: 5'-GGGCGGTATCTGATCGCC -3'	
176	COXI	MNCOXIF (forward primer): 5'- TTT TTT GGG CAT CCT GAG GTT TAT-3' MNCOXIR (reverse primer): 5'- TAA ASA AAR AAC ATA ATG AAA ATG -3'	
177	16SrRNA	16SF1 (forward primer): 5'- AATGGCAGTCTTAGCGTGAG-3' 16SR1 (reverse primer): 5'- AA(AT)ACAACATCGATGTAAAA-3'	
178	GAPDH	GAP-F1 (forward primer): 5"- GTCTCCTCTGACTTCAACAGCG-3' GAP-R1 (reverse primer): 5'- ACCACCCTGTTGCTGTAGCCAA-3' GAP-F2 (forward primer): 5"-GGT CTC CTC TGA CTT CAA CA-3' GAP-R2 (reverse primer): 5'- ACCACCCTGTTGCTGTAGCCAA-3'	
179	Degenerate Primers:		
180	COXI	Nem F1 5' CRACWGTWAATCAYAARAATATTGG 3'	
181	COXI	Nem R1 5' AAACCTCWGGRTGACCAAAAAATCA 3'	
182	COXI	Nem F2 5'ARAGATCTAATCATAAAGATATYGG 3'	
183	COXI	Nem R2 5' AWACYTCWGGRTGMCCAAAAAYCA 3'	
184	COXI	Nem F3 5'ARAGTTCTAATCATAARGATATTGG 3'	

185	COXI	Nem R3 5' AACCTCWGGATGACCAAAAATCA 3'	
186	Custom synthesised Oligo primer for PCR		Please quote Rate/Per base
187	Custom synthesised degenerate Oligo primer for PCR		Please quote Rate/Per base
188a	Random hexanucleotide primer (hexamer)		5 nmol, 100 μ L
188b	Oligo(dT) ₁₂₋₁₈ Primer		0.5 μ g/ μ L, 50ul
189	Glass Microslides (0.9mm) grounded edge	Riviera/Borosil/Bluestar	30 box
190	Glass Coverslip	Riviera/Borosil/Bluestar	10 box
191	Cavity Slide		12 pieces
192	Sedgwick Rafter Counter		10 pieces
193	Slide Storage box (50 Slides)		1 dozen
184	Slide Storage box (20 Slides)		1 dozen

Microbiology

Contact for any query/clarification/specification: Dr. Kamala De (+91 99326 65299)

SL NO	NAME	QUANTITY	MANUFACTURER
1.	NUTRIENT BROTH	500*4= 2KG	HIMEDIA
2.	AGAR	500*5=2.5KG	HIMEDIA
3.	MEAT EXTRACT	500*2=1KG	HIMEDIA
4.	YEAST EXTRACT	500*2=1KG	HIMEDIA
5.	SODIUM CHLORIDE	500*2=1KG	SRL/MERCK
6.	ANTIBIOTICS 1.PENECILIN 2.STREPTOMUCIN 3. AMPICILIN 4. TETRACYCLIN	10 GM each	HIMEDIA/ SRL/MERCK
7.	GRAM STAINING SYSTEM	1	SRL/MERCK
8.	CRYSTAL VIOLET	250*2=0.5 LTR	SRL/MERCK
9.	SAFRANIN	250*4=2 LTR	SRL/MERCK
10.	ALCOHOL	500*20=10LTR	Any
11.	MALACHITE GREEN LIQUID	250*2=500ml	SRL/MERCK
12.	INDIAN INK	250ML	SRL/MERCK
13.	LACTOSE BROTH	500*2=1KG	HIMEDIA
14.	GLUCOSE	500*2=1KG	SRL/MERCK
15.	BROMOPHENOL BLUE POWDER	10*2=20GM	SRL/MERCK
16.	BROMOCRESOL GREEN	100GM	SRL/MERCK
17.	PHENOLOPTHALIN POWDER	100GM	SRL/MERCK
18.	HYDROCHLORIC ACID	500MI*6=3LTR	SRL/MERCK
19.	NITRIC ACID	500ML*4=2LTR	SRL/MERCK
20.	SULFURIC ACID	500ML*3=1.5LTR	SRL/MERCK
21.	NUTRIENT AGAR	500GM*2=1KG	HIMEDIA
22.	EMB AGAR	500GM*2=1KG	HIMEDIA
23.	PDB AGAR	500GM*2=1KG	HIMEDIA
24.	TEMED	100ML*2=200ML	SRL/MERCK
25.	TRIS	500GM*2=1KG	SRL/MERCK
26.	SDS	500GM	SRL/MERCK
27.	ACRYLAMIDE	500GM	SRL/MERCK
28.	BIS-ACRYLAMIDE	500GM	SRL/MERCK
29.	BROMOTHYMOL BLUE	10GM	SRL/MERCK
30.	METHYL RED	10GM	SRL/MERCK
31.	METHELENE BLUE	10GM	SRL/MERCK
32.	FERROUS SULFATE	500GM	SRL/MERCK
33.	AMMONIUM PER SULFATE	250GM	SRL/MERCK
34.	MOLISH REAGENT	125ML*8=1LTR	SRL/MERCK
35.	BENEDICT REAGENT	125ML*8=1LTR	SRL/MERCK
36.	BARFOED REAGENT	125ML*8=1LTR	SRL/MERCK
37.	SELIONF REAGENT	125ML*8=1LTR	SRL/MERCK
38.	FELLINGS1 FELLINGS2	125ML*4=500ML 125ML*4=500ML	SRL/MERCK
39.	COPPER SULFATE	500GM*2=1KG	SRL/MERCK
40.	SODIUM POTASSIUM TURATARATE	500GM*4=2KG	SRL/MERCK
41.	MILLONS REAGENT	125ML*8=1LTR	SRL/MERCK
42.	ESBATCH REAGENT	125ML*8=1LTR	SRL/MERCK
43.	GLACIAL ACETIC ACID	5LTR	SRL/MERCK
44.	POTASSIUM BISULFATE	500GM	SRL/MERCK
45.	BORAX	500GM	SRL/MERCK
46.	FRUCTOSE	250GM*2=500GM	SRL/MERCK
47.	STARCH	500GM	SRL/MERCK
48.	DEXTRIN	500GM	SRL/MERCK
49.	MOLTOSE	500GM	SRL/MERCK
50.	ALBUMIN(BSA)	100GM*3=300GM	SRL/MERCK

51.	GELATIN	500GM	SRL/MERCK
52.	ACETO-ORCIN	250ML	SRL/MERCK
53.	ACETO-CARMINE	250ML	SRL/MERCK
54.	TRYPTICASE SOYABROTH	500GM	HIMEDIA
55.	TRIBUTYRIN	10ML*5VL	SRL/MERCK/HIMEDIA
56.	DNA MARKER	2 PCS SET	SRL/MERCK/HIMEDIA
57.	UNSTAINED PROTEIN MARKER (10-180kDa)	2 PCS KIT	SRL/MERCK/HIMEDIA
58.	ETBR	5GM	SRL/MERCK
59.	AGAROSE	25 GM	HIMEDIA
60.	ACETONE	500*6=3 LTR	SRL/MERCK
61.	BUFFER CAPSULE PH 11 PH 7 PH 4.2 PH 9.3	CAPSULE 1 1 1 1	HIMEDIA One vial each
62.	DNA	25GM	SRL/MERCK/HIMEDIA
63.	DPA	250GM	SRL/MERCK
64.	ORCINOL	25GM	SRL/MERCK
65.	FERRIC CHLORIDE	500GM	SRL/MERCK
66.	PERCHLORIC ACID	500GM	SRL/MERCK
67.	CHLORESTEROL	25GM	SRL/MERCK
68.	SODIM HYDROXIDE	500*4=2KG	SRL/MERCK
69.	POTASUM HYDROXIDE	500*2=1KG	SRL/MERCK
70.	ALPHA AMYLASE	100GM	SRL/MERCK/HIMEDIA
71.	MANGANUS SULPHATE	500MG	SRL/MERCK
72.	PHENOL CHLOROFORM	500 ML	SRL/MERCK
73.	CITRIC ACID	500ML	SRL/MERCK
74.	YEAST (FOOD GRADE)	50*4 GM	SRL/MERCK
75.	METHANOL	4*500ML= 2 LTR	SRL/MERCK
76.	SODIUM ALGINATE	2*500GM= 1KG	SRL/MERCK
77.	CALCIUM ALGINATE	2*500GM=1KG	SRL/MERCK
78.	PDA	4*500GM=2KG	HIMEDIA
79.	NINHYDRIN	100GM	SRL/MERCK
80.	XYLAN	250GM	SRL/MERCK/HIMEDIA
81.	SODIUM NITRATE	2*500 GM= 1KG	SRL/MERCK
82.	FOLIN-CIOCALTEU REAGENT	2*250ML=500ML	SRL
83.	POTASSIUM HYDROGEN PHOSPHATE	500GM	SRL/MERCK
84.	MAGNESIUM SULPHATE	500GM	SRL/MERCK
85.	FERROUS SULPHATE, HEPTAHYDRADE	500GM	SRL/MERCK
86.	GLYCEROL	4*500ML=2LTR	SRL/MERCK
87.	BUTANOL	4*500ML=2 LTR	SRL/MERCK
88.	ETHEDIUM BROMIDE	1g	SRL/MERCK
89.	PHENOL CHLOROFORM	2*500ML=1LTR	SRL/MERCK
90.	LEISHMAN'S REAGENT	4*250ML=1LTR	SRL/MERCK
91.	SPATULA 1.BIG 2.SMALL	5PCS 5PCS	LOCAL
92.	PIPETTE 5ML 1ML 10 ML	PCS 10 10 20	BOROSIL
93.	WHATTMAN FILTER PAPER GRADE 1 GRADE 2 GRADE 3	2 BOX EACH	WHATTMAN
94.	SLIDE BOX	10 box	BLUE STAR
95.	COVER SLIP	10 box	BLUE STAR
96.	FILTER PAPER	4 BOX	NICE
97.	COTTON NON ABSORBANT ABSORBANT	PACK 5 5	BENGAL SURGICAL

98.	DROP BOTTLE	250ML*10 PCS	LOCAL
99.	PIPETTE SUCKER	4	LOCAL
100.	ALUMINIUM COATED TLC PLATE	1 SET FULL	SRL/MERCK/HIMEDIA
101.	BURETTE	4 PCS	BOROSIL
102.	BURETTE STAND FULL SET WITH CLAMP	4 PCS	LOCAL
103.	FUNNEL SMALL LARGE	PCS 5 5	BOROSIL
104.	BUTTER PAPER	1 BOX	LOCAL
105.	CLIPPER GAS LIGHTER	4 PCS	CLIPPER
106.	CAPILLARY TUBE	1 BOX	LOCAL
107.	SINGLE USE SYRINGE	1 BOX	DISPO VAN
108.	SPRAYER BOTTLE	2 PCS	LOCAL
109.	AMINO ACID KIT	1 FUL SET	HIMEDIA/SRL
110.	MEASURING CYLINDER 10 ML 100 ML	4 4	BOROSIL
111.	GLASS BEAKER 50ML 100ML 250ML 500ML 1LTR	10 10 15 5 4	BOROSIL
112.	GLASS MEDIA BOTTLE 500ML 1LTR	2 2	BOROSIL
113.	GLASS ROD	20PCS	BOROSIL
114.	SPREADER	20 PCS	LOCAL
115.	AUTOCLAVABLE PLASTIC	500PCS	LOCAL
116.	CONICAL FLUX 250ml 500ml 1ltr	10PCS 5pcs 5pcs	BOROSIL
117.	REAGENT KEEPING BOTTLE	10PCS 1LTR	BOROSIL
118.	SINGLE USE HAND GLOVES	4 BOX	LOCAL
119.	FALCON TUBE 50ML 15ML	PACKETS 4 4	TARSON