

BIJOY KRISHNA GIRLS' COLLEGE, HOWRAH

A NCTE and NAAC accredited (B⁺⁺) College

5/3, MAHATMA GANDHI ROAD, HOWRAH – 711 101.

Sealed quotations are invited for equipments and consumables within
4th of February 2025 [Under DBT Star College Program]

Department of Chemistry, Glass Apparatus	
<i>SL. No.</i>	<i>Items</i>
1.	Burette Stand with clamp Plastic (Tarson)
2.	Burette(Borosil) (50ml)
3.	Pipette(Borosil) (25ml)
4.	Pipette(Graduated)(Borosil)(25ml)
5.	Pippete (Borosil)(10ml)
6.	Pipette(Graduated)(Borosil)(10ml)
7.	Pipette(5ml)(Graduated)(Borosil)
8.	Pipette(2ml)(graduated)(Borosil)
9.	Pipette(1ml)(graduated)(Borosil)
10.	Burette (25ml)(Borosil)
11.	Beaker (1 Lit)((Borosil)
12.	Beaker(500ml)(Borosil)
13.	Beaker(250ml)(Borosil)
14.	Beaker(100ml)(Borosil)
15.	Beaker (50ml)(Borosil)
16.	Conical flask (500ml)(Borosil)
17.	Conical Flask (250 ml)(Borosil)
18.	Conical Flask(100 ML)(Borosil)
19.	Conical Flask (50 ml)(Borosil)
20.	Volumetric Flask (1 lit)(Borosil)

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21.	Volumetric Flask(500ml)(Borosil)
22.	Volumetric Flask(250ml)(Borosil)
23.	Volumetric Flask(100ml)(Borosil)
24.	RB Flask (5lit)(Borosil)
25.	RB flask(2lit)(Borosil)
26.	Gloves for chemical lab.
27.	Test Tube(15ml)(48x12)
28.	Watch Glass small Size
29.	Dropper
30.	Sucker (10 ml)
31.	Sucker (5 ml)
32.	Dropping Bottle
33.	Water Bottle
34.	Specific Gravity Bottle
35.	Plastic Container (200ml)


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SL. No.	Department of Chemistry-Chemicals And Solvents
1.	DPPH (2,2 –Diphenyl -1- picrylhydrazyl) (100/500gm)
2.	Amyl Alcohol (500ml)
3.	Furan (100/500 ml)
4.	Malic Acid (100/500 gm)
5.	Sodium Chloroaurate (25/100gm)
6.	Potassium Iodide(250gm)
7.	Trans-Stilbene(25/100gm)
8.	Benzopinacol (25/100 gm)
9.	Acryl Amide (100/500 ml)
10.	Thiobarbituric Acid (100/500 gm)
11.	Folin –Ciocalteu (100ml)
12.	Ferrozine (25/100/500 gm)
13.	Ammonium Chloride (500gm)
14.	Ammonium Bifluoride (500gm)
15.	Silver Nitrate (25gm)
16.	Potassium dichromate (K ₂ Cr ₂ O ₇)(500gm)
17.	Potassium Permanganate (KMnO ₄)(500gm)
18.	Phosphoric Acid (500ml)
19.	Sulfuric Acid (5 Lit)
20.	Hydrochloride Acid (5 Lit)
21.	Nitric Acid (2lit)
22.	PAN Indicator (100gm)
23.	Murexide Indicator (100gm)
24.	Patton-reader indicator(100gm)
25.	Xylenon Orange indicator(100gm)
26.	Erichrome Black T (25/100 gm)
27.	Phenolphthalein indicator(100gm)
28.	Methyl Orange /Red indicator(100gm)
29.	Monel Metal (Ni/Cu alloy) (25/100/500 gm)
30.	Allizarin-S-indicator (100gm)



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31.	Hexane (500ml)
32.	Benzene(500ml)
33.	Toluene(500ml)
34.	Diethyl ether(500ml)
35.	Tetrahydrofuran (THF)(500ml)
36.	Chloroform (500ml)
37.	Dichloromethane(DCM)(500ml)
38.	Ethyl acetate (500ml)
39.	Acetone(500ml)
40.	Dimethylformamide (DMF) (500ml)
41.	Acetonitrile (MeCN)(500ml)
42.	Dimethyl sulfoxide (DMSO)(500ml)
43.	n-Butanol (500ml)
44.	n-propanol (500ml)
45.	Ethanol (500ml)
46.	Methanol (500ml)
47.	Acetic Acid (500ml)
48.	Carbon tetrachloride (500ml)
59.	1,4-Dioxane (500ml)
60	Maleic acid (500gm)
61	Benzopinacolone (25/100 gm)
62	Ethyl acetoacetate (500 ml)



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Department of Mathematics

RECURRING

Sl.	Item Name	Specification	Quantity
1	Office 365	Office 365 (Annual License 3 year)	3
2	MATLAB	Academic Perpetual License (3 years) with Curve Fitting Toolbox and Financial Toolbox	1
2	USB Flash Drives OTG	Brand: SanDisk/Kingston SDDDC3-128G-I35AG, Mobile Dual Drive, 400 Mbps or higher, 128 GB OTG Drive, Type A to Type C	4
3	External Hard Disk	Brand: Western Digital Capacity: 5TB, Transfer Rate: up to 5Gbps, Password protection and Hardware encryption, Warranty: 3-Year, Interface: USB 3.2, Connector: USB-A and USB-C (adapter included)	1
4	LCD Writing Tablet	12-inch LCD e-writing tablet for interactive teaching	4
5	Scientific Calculators	Casio fx-991EX	2
6	Printer Cartridges	Hp LaserJet 1020+ Cartridge 12A Original	3
7	Printer Toner	Hp LaserJet 1020+ Toner 12A Original	3
8	Premium Notebooks	Premium quality, A4 size, Minimum 200 pages, Ruled	60
9	Mathematical Models (3D)	Polyhedra sets, conic sections, calculus models for demonstration	2 sets


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10	Graph Plotting Tools	Reusable laminated grid sheets (50 pieces), plastic rulers, and dry-erase or magnetic graphing boards	2 sets
11	Geometry Tools	Large Scale: Metal compasses, Protractors, rulers	2 sets
12	Printer Paper	A4 size, 90 GSM	10 reams
13	Printer Paper	A4 size, 120 GSM	10 reams



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Department of Microbiology

RECURRING

SR.NO	Chemicals/Reagent	Make
1.	SDS (250G)	GENEI
2.	APS (500G)	GENEI
3.	BETA Mercaptoetnanol (100 ml)	GENEI
4.	Acrylamide 100G	GENEI
5.	Bis Acrylamide 10G	GENEI
6.	TEMED 5ML	GENEI
7.	Potein molecular marker 0.25ml	GENEI
8.	Protein gel dye coomassie r250 2x) (1L)	GENEI
9.	Tris Buffer (500G)	GENEI
10.	Metagenomic kit from soil 50 set	GENEI
11.	Alkaline Phosphatase SRL 5gm	SRL
12.	PETRI PLATE (Disposable) 1 pkt Tarson	TARSON
13.	Bushnell hass media 500g	HIMEDIA
14.	Rabbit anti-goat IgG	GENEI
15.	Rabbit anti-human IgG-HRP	GENEI
16.	Goat anti-human IgG - HRP, 1 ml	GENEI
17.	Ethanol	EM
18.	AGAROSE	HIMEDIA
19.	Agar Agar	EM
20.	Parafilm 2"	PARAFLIM
21.	Luria Broth 100g	HIMEDIA
22.	AMPICILLIN DISC 25 MCG	HIMEDIA



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Department of Microbiology RECURRING

23.	Tetracycline disc 25 MCG	HIMEDIA	
24.	streptomycin25 MCG	HIMEDIA	
25.	Chloramphenicol25 MCG	HIMEDIA	
26.	BACTERIAL GENOMIC DNA ISOLATION KIT 50 KIT	HIMEDIA	
27.	27F pPRIMER 250 micro l		
28.	1492R PRIMER (UNIVERSAL) 250 microl		
29.	Taq DNA pol (1U/MICROL) 1000UNIT	SRL	
30.	dNTP set 4X0.25ML	GENEI	
31.	10X PCR BUFFER MG+ (6x1.25ml)	GENEI	
32.	MOL WATER 500 ML	GENEI	
33.	PIKOVSKYA AGAR 100G	HIMEDIA	
34.	Imersion oil 125ml	LOBA	
35.	Crystal violet (125 ML) Loba	LOBA	
36.	Safranne (125 ML) Loba	LOBA	
37.	Grams iodine (125 ML)	HIMEDIA	
38.	Nigrosine (125 ML) Loba	LOBA	
39.	Carbolfuchsin (250 ML) Loba	LOBA	
40.	Methylene blue (250 ML) Loba	LOBA	
41.	Colchicine (1G)	EM	
42.	Genus green	HIMEIA	
43.	TOTAL		
44.			
45.			


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Department of Zoology

RECURRING

Enzyme Assay Kit	Company	Catalogue
Acetylcholinesterase activity (AChE)	Elabscience	E-BC-K174-M
Succinate dehydrogenase (SDH)	MyBiosource	MBS2570541
Lactate dehydrogenase (LDH)	Elabscience	E-BC-K046-M
Ca ²⁺ ATPase activity	Elabscience	E-BC-K212-S
AMP-deaminase	NOVOCIP	K0709-05-1
Lipoamide reductase		
Cytochrome C oxidase [Triton X-100 (5 ml)]	Sigma-Aldrich	9036-19-5 (Rs 2,500)
Aldolase	MyBiosource	MBS762479 (Rs 30,000)
Assay Kit	Company	Catalogue
FSH	MyBiosource	MBS260964
LH	Monobind	625-300A
Estrogen	MyBiosource	MBS2606149
Progesterone	MyBiosource	MBS580029
5-Bromo-4-chloro-3-indolyl β-D-galactopyranoside (XGal)	SRL/MERCK	
Paraformaldehyde	Himedia/SRL	
Dimethylformamide (DMF)	MERCK/SIGMA/SRL	
Potassium Ferricyanide	MERCK/SIGMA/SRL	


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Potassium Ferrocyanide	MERCK/SIGMA/SRL	
Tris	MERCK/SIGMA/SRL	
EDTA	MERCK/SIGMA/SRL	
Ninhydrin	MERCK/SIGMA/SRL	
Plasmid DNA and Plasmid DNA isolation kit	Himedia	
TEMED	GENEI	
APS	GENEI	
Bromophenol Blue	GENEI	
Ethidium Bromide	GENEI	
Coommassie brilliant blue	GENEI	
BSA	MERCK/GENEI	
n-propanol	MERCK	
Daminozide	MERCK/SIGMA/SRL	
Acrylamide	GENEI	
Bis- acrylamide	GENEI	
Beta mercaptoethanol	GENEI	
Bacterial genomic DNA isolation kit Himedia	Himedia	
Anti-DYRK1A antibody [EPR24132-61]	Imperial Life Sciences (P) Ltd.,	cat. No, ab259869
Anti-beta Amyloid antibody [2E9]	Imperial Life Sciences (P) Ltd.,	ab252816
Anti-Insulin Receptor (phospho Y1361) antibody	Imperial Life Sciences (P) Ltd.,	ab60946
Goat Anti-Rabbit IgG H&L (HRP)	Imperial Life Sciences (P) Ltd.,	ab6721


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DEPARTMENT OF ZOOLOGY	
GLASS AND PLASTIC GOODS	
SL. No.	ITEMS
1.	Burette Stand with clamp Plastic (Tarson)
2.	Burette(Borosil) (50ml)
3.	Pipette(Borosil) (25ml)
4.	Pipette(Graduated)(Borosil)(25ml)
5.	Pippete (Borosil)(10ml)
6.	Pipette(Graduated)(Borosil)(10ml)
7.	Pipette(5ml)(Graduated)(Borosil)
8.	Pipette(2ml)(graduated)(Borosil)
9.	Pipette(1ml)(graduated)(Borosil)
10.	Burette (25ml)(Borosil)
11.	Beaker (1 Lit)((Borosil)
12.	Beaker(500ml)(Borosil)
13.	Beaker(250ml)(Borosil)
14.	Beaker(100ml)(Borosil)
15.	Conical flask (500ml)(Borosil)
16.	Conical Flask (250 ml)(Borosil)
17.	Conical Flask(100 ML)(Borosil)
18.	Gloves for chemical lab.
19.	Test Tube(15ml)(48x12)
20.	Glass graduated and non-graduated Dropper (10 ml and 5 ml) with powerful


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	rubber sucker
21.	Powerful silicon rubber Sucker (10 ml)
22.	Powerful silicon rubber Sucker (5 ml)
23.	Dropping Bottle (60 ML TARSON)
24.	Wash Bottle (250ml, 500ml, Tarson)
25.	Plastic Container (250ml,500 ML, TARSON)

Department of Physics /Recurring

Name of the Material	Specifications
Breadboard	
Jump Wires Single jack	
Jump Wires double jack	
Connecting Wire	
LDR	
Resistor of different Values	
5V battery	
LED	
Buzzer	
Battery Clip	
Capacitor of different Values	


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Inductor of different Values	
Multimeter	
Thermometer	
EDF Prism	
Slide Calipers	
Screw gauge	
Polaroid	
Na Vapour Lamp	
Hg Vapour Lamp	
Grating 100 & 300 lines/mm	
Electrical balance	
Stop watch	
Pendrive	
Commutator	
Tapping key	
Ammeter (mA range)	
Voltmeter(10 V range)	
Thermistor	
Photoresistor	
Arduino UNO Board	


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Piezoelectric pressure sensor	
ZnCl, NaOH, FeCl ₃ ,	Make: Marck
FeCl ₂ (100/250gm)	Make: SRL
Vacuum desiccator	
Silica gel (1Kg)	Make: Marck
Ga(NO ₃) ₃ (50gm)	Make: Sigma
Citric acid	Make: Marck
Bi(NO ₃) ₃	Make: SRL
Fe(NO ₃) ₃	Make: Marck
HCl	
HNO ₃	
Poly(vinylidene fluoride) (PVDF)	Make: Sigma
N,N-dimethylformamide (DMF)	Make: Marck


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