

DEPARTMENT OF BOTANY
KENDRAPARA AUTONOMOUS COLLEGE

1. REQUIREMENT FOR APPARATUS

SL. NO.	REQUIREMENTS
01	Digital Photoelectric Colorimeter (Type : 115) Systronics
02	Digital pH Meter with Electrode Type : 335Systronics
03	Digital weigh machine
04	Microscope

2. REQUIREMENT FOR INFRASTRUCTURE

SL. NO.	REQUIREMENTS
01	COMPUTER TABLE
02	STUDENT TOOLS
03	STUDENTS TABLE
04	FIBER TABLE TRAY
05	WOODEN CHAIR
06	GAS (LPG) CONNECTION WITH BURNER
07	CUP BOARD FOR CHEMICAL STORAGE
08	ALMIRAH

3. REQUIREMENT FOR GLASSWARE & CHEMICALS

SL. NO.	REQUIREMENTS	CAPACITY
01	WATCH GLASS BOROSIL	120 ML
02	REAGENT Bottle, Aspirator, with GL 45 Cap and tabulation BOROSIL	250 ML
03	REAGENT Bottle, Aspirator, with GL 45 Cap and tabulation BOROSIL	500ML
04	Pipettes, Measuring (Mohr Type), Class B BOROSIL	1ML,2ML,5ML,10ML
05	Microscope Slides BLUE STAR	
06	MEASURING CYLINDER	5,10,50,100,500ML
07	Bio visual Charts	
08	Acetone	500ML
09	Alcohol	500ML
10	MS tissue Culture media (Himedia)	
11	Burette	
12	Burette stand	
13	Wilmots bubbler	
14	T/A apparatus	
15	Permanent prepared slides for Bryophytes, Pteridophytes, algae, fungi	

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**DEPARTMENT OF CHEMISTRY
KENDRAPARA AUTONOMOUS COLLEGE**

1. REQUIREMENT FOR APPARATUS

SL. NO.	REQUIREMENTS	Brand
1	Digital Balance	Shimadzu
2	Microprocessor based Colorimeter	Systronic
3	Digital Potentiometer	Systronic

2. REQUIREMENT FOR INFRASTRUCTURE

No.	Name of the items	Brand	Qtn.
1	Granite flooring on Table		
2	Swan neck tap pipe (steel)		

3. REQUIREMENT FOR GLASSWARE & CHEMICALS

1	Absolute Alcohol	Q/M	500ml
2	Acetic acid Glacial	Q/M	2.5lit
3	Acetic Anhydride	Q/M	500ml
4	Acid Hydrochloric	Q/M	2.5lit
5	Acid Nitric	Q/M	2.5lit
6	Acid Sulphuric	Q/M	2.5lit
7	Aluminium Chloride	Q/M	500gm
8	Ammonium Acetate	Q/M	500gm
9	Ammonium Bisulphite	Q/M	500gm
10	Ammonium Ferrous Sulphate	Q/M	500gm
11	Ammonium Oxalate	Q/M	500gm
12	Aniline	Q/M	500ml
13	Benzoic acid	Q/M	500gm
14	Calcium Sulphate	Q/M	500gm
15	Cinnamic acid	Q/M	500gm
16	Cobalt Chloride	Q/M	500gm
17	Copper sulphate	Q/M	500gm
18	Cyclohexane	Q/M	500ml
19	Dimethiocone	Q/M	500gm
20	Dimethyl Glyoxime	Q/M	500gm
21	Dithioamide	Q/M	5gm
22	Ethyl Acetate	Q/M	500ml
23	Formaldehyde	Q/M	500ml
24	Iodine granules	Q/M	500gm
25	Magnesium Chloride	Q/M	500gm
26	n-hexane	Q/M	500ml
27	Nickel Ammonium Sulphate	Q/M	500gm
28	Nickel Chloride	Q/M	500gm
29	Nitro benzene	Q/M	500ml
30	O-Chorobenzoic acid	Q/M	500gm
31	O-Nitro phenol	Q/M	500gm
32	Oxalic acid	Q/M	500gm
33	Oxine	Q/M	500ml
34	Potassium Chloride	Q/M	500gm
35	Potassium Hydroxide	Q/M	500gm
36	Potassium Nitrate	Q/M	500gm
37	Propylamine	Q/M	500ml
38	Quinhydrone	Q/M	500ml
39	Salicylic Acid	Q/M	500gm
40	Sodium Carbonate	Q/M	500gm
41	Thiourea	Q/M	500gm
42	Urea	Q/M	500gm

Q: QUALIGENS, M: MERCK

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DEPARTMENT OF GEOGRAPHY
KENDRAPARA AUTONOMOUS COLLEGE

1. REQUIREMENT FOR APPARATUS

Sl. No:	Items
01	Aerial Photograph (9"x9")
02	Parallax bar
03	Digital Image (Hard Copy And Soft Copy)
04	Toposheet (53 series)
05	Illuminating Globe (one large & one small)
06	Stereoscope
07	Eidiograph

2. REQUIREMENT FOR INFRASTRUCTURE

Sl. No:	Items
01	Steel Almirah
02	Steel body table (long)
03	Steel body table (medium)
04	Armchair (steel frame)

3. REQUIREMENT FOR GLASSWARE & CHEMICALS

Sl. No:	Items
01	Whiteboard marker
02	Map stand (steel)
03	Whiteboard duster
04	Pen stand
05	Ballpoint pen
06	Register note book
07	Laser light
08	Rotating pen
09	Rotating pen ink
10	Whiteboard pen ink

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DEPARTMENT OF PHYSICS
KENDRAPARA AUTONOMOUS COLLEGE

1. REQUIREMENT FOR APPARATUS

SL. NO.	REQUIREMENTS
01	CCD FOR QUANTUM EFFICIENCY
02	BABINET COMPENSATOR APPARATUS.
03	TUNNEL DIODE APPARATUS
04	ZENER DIODE APPARATUS
05	HALF ADDER APPARATUS
06	FULL ADDER APPARATUS

2. REQUIREMENT FOR INFRASTRUCTURE

SL. NO.	REQUIREMENTS	SPECIFICATIONS
01	COMPUTER TABLE	WOODEN 3'X2'
02	STUDENT TOOLS	WOODEN 1.5'X1'X2.5'
03	STUDENTS TABLE	WOODEN 3'X3'X5'
04	STUDENT TABLE	WOODEN 7'X3'X3'
05	CHAIR 2NOS WOODEN	NORMAL SIZE

3. REQUIREMENT FOR GLASSWARE & CHEMICALS

SL.NO.	REQUIREMENTS	SPECIFICATIONS
01	WATCH GLASS	USUAL SIZE (4 CM)
02	CONCAVE MIRROR	DO
03	DOUBLECONVEX LENS	DO
04	GLASS PRISM	DO
05	BASE PLATE (GLASS 6cm*12cm)	DO
06	SMALL GLASS PRISM	DO
07	PLANE MIRROR(15cm*5cm)	DO
08	TABLE GLASS PLATE (10 MM) SAINT GOVIN	2.5'X6' (10 mm) 3'X4'(10 mm)
09	LYCO PODIUM POWDER	10PKTS
10	AMMONIUM CHLORIDE	1KG
11	COPPER SULPHATE	1KG
12	KEROSINE	2 L
13	PETROL	1L
14	CASTOR OIL/MOBIL	1L

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DEPARTMENT OF ZOOLOGY
KENDRAPARA AUTONOMOUS COLLEGE

1. REQUIREMENT FOR APPARATUS

SI No	Items	Specification
01	Digital Colorimter, Systronics	Source: white LED POWER: 230v +-10%, 50Hz Standard glass filter:8 Minimum volume: 1 ml Range :400-700nm Output: 0-1.99 Model no- LT 112
02	Reagent Rack	Labcare furniture
03	Light Polarizing Microscope, RADICAL	Laboratory 600x Polariser Analyser,
04	Vortex	AXYGEN

2. REQUIREMENT FOR INFRASTRUCTURE

SI No	Items	Specification
01	Ahuja Pa Lecturn System	Amplifer, Cordless Mic, Podium Mic, Usb Port Wsl2500R
02	Green Board	6'X4'

3. REQUIREMENT FOR GLASSWARE & CHEMICALS

SI No	Chemical	Specification
1	Sudan Black B	Hi-Media
2	Potassium bisulphate	Hi-Media
3	AB grouping and Rh typing kit 5ml	Eryscreen
4	Ribonucleic acid (RNA)	Hi-Media
5	Deoxyribonucleic acid	Hi-Media
6	HiPer® DOT ELISA Teaching Kit	Hi-Media
7	Wash Bottle	TARSON
8	Micropipette	
9	Microtips (100-1000 microlitre)	
10	Iodine solution	Hi media

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16/11/18