

Hutatma Rajguru Mahavidyalay Rajgurunagar
Department of Biology
Requirement For AY 2021-2022
Hutatma Rajguru Mahavidyalaya, Rajgurunagar

Slide

Sr.No	Name of Slide	Quantity	Amount
1	Diatoms	2	
2	T.S. Testis	2	
3	T.S. Ovary	2	
4	V.S. Blastula	2	
5	Meosis		
6	Entamobia Histolitica	2	
7	Plasmodium	2	
8	Human cheek cell	02	
9	Stomata	02	
10	Leg of Cockroch	02	
11	Straited muscle fibre	02	
12	Smooth muscle fibre	02	
13	T.S. of Bone	02	
14	T.S. of Cartilage	02	
15	Human blood cell	02	

Specimen

Sr.No	Name of Specimen	Quantity	Amount
1	Ascaris (Male)	02	
2	Ascaris (Female)	02	
3	Sponge	02	
4	Butterfly	02	
5	Bat	02	
6	Wall lizard	02	
7	Tode	02	
8	Rohu	02	
9	Dogfish	02	
10	Apple Snail	02	

11	Pitcher plant	02	
12	Tapeworm	02	
13	Echornia	02	

Chemical

Sr.No	Name of chemical	Quantity	Amount
1	Lab solvent	5 lit	
2	Mercury	250 gm	
3	Janus green B Stain	50 gr	
4	Iso Propyl alcohol	2 Lit	
5	Starch Powder	500 gm	
6	Universal Indicator	1 lit	
7	Benedict reagent	1 lit	
8	pH Tablets (Three types)	10	
9			

Instrument

Sr.No	Name of Instrument	Quantity	Amount
1	Glass rod	06	
2	Dropper	4 Doz.	
3	Test tube holder	4 Doz.	
4	Test tube (Borosil)	200 Nos	

Instrument

Sr.No	Name of Instrument	Quantity	Amount
1	Lactometer	1	
2	Thermometer	06	
3			

Hutatma Rajguru Mahavidyalay Rajgurunagar
Department of Zoology
2021-2022

Instrument's For Apiculture

Sr.No	Name of Instrument	Quantity	Amount
1	Comb foundation sheet	1	
2	Smoker	1	
3	Hive Tool	1	
4	Bristle bee brush	1	
5	Queen cage	1	

Instrument's For Sericulture

Sr.No	Name of Instrument	Quantity	Amount
1	Silkworm egg	1	
2	Chandrika	1	
3	Cocoon	1	
4	Chop stick	1	
5	Chopping board	1	
6	Feeding stand	1	

Chemicals

Sr.No	Name of Chemicals	Quantity	Amount
1	Lab Solvent	5 Lit	
2	Ethanol	5 Lit	
3	Wax 60./.	5 kg	
4	DNA Paper model sheet		

Specimens

Sr.No	Name of Chemicals	Quantity	Amount
1	Petromyzon	1	
2	Balanglossus	1	

3	Hippocampus	1	
4	Ichthyophis	1	
5	Jowar Stem borer	1	
6	Red cotton bug	1	
7	Brinjal Fruit borer	1	
8	Mango stem borer	1	
9	Chelone	1	
10	Calotes	1	
11	Apis dorsata	1	
12	Apis indica	1	
13	Apis florea	1	
14	Apis mellifera	1	
15	Bee Venom	1	
16	Propolis	1	
17	Royal Jelly	1	
18	Pollen	1	

Charts

Sr.No	Name of Charts	Quantity	Amount
1	Jowar Stem borer	1	
2	Red cotton bug	1	
3	Brinjal Fruit borer	1	
4	Mango stem borer	1	
5			

Slides

Sr.No	Name of Slide	Quantity	Amount
1	Testis t.s.	1	
2	Ovary t.s	1	
3	Mouthparts of Cockroach	1	
4	Mouthparts of Honeybee	1	
5	Mouthparts of Housefly	1	
6	Mouthparts of Mosquito	1	
7	Mouthparts of Butterfly	1	
8	Mouthparts of Bed bug	1	
9	Drosophila Mutant	1	

10	White eye mutant	1	
11	Bar eye Mutant	1	
12	Curly Wing Mutant	1	
13	Vestigial Wing Mutant	1	
14	Bipinnaria Larva W.M.	1	
15	Chromosomal Spreading Picture	1	
16	Mollusca larva veliger's craft	1	
17	Zoca Larva W.M.	1	
18	Paramecium Conjugation W.M.	1	
19	Nyctotherus W.M.	1	
20	Arthropoda Phyllosoma Larva W.M.	1	

Instrument's

Sr.No	Name of Instrument	Quantity	Amount
1	Microscope (Olympus)	2	
2	Dissecting Microscope	2	
3	Cavity slide (3 hole)	36 nos	
4	Specimen jar With Lid(Plastik- 1 Ft)	24 Nos	
5	Specimen jar With Lid(Plastik- 2 Ft)	12 Nos	
6	Binocular (Olympus)	1	
	Camera		

Photograph

Sr.No	Name of Photograph	Quantity	Amount
	Human Genetic Traits		
	a) Ear lobes attached & Free	1	
	b) Rolling Tongue	1	
	c) Widow's Peak	1	
	d) Colour Blindness	1	

	e) Chandrika net	1	
--	------------------	---	--

Specimen

Sr.No	Name of Specimen	Quantity	Amount
1	Euplectella	1	
2	Spongilla	1	
3	Chalina	1	

Glasswares

Sr.No.	Particular Names	Qty.	Amount
1	Burette (25ml)	20	
3	Measuring cylinder(Borosil) -1 liter	1	
	500 ml	2	
	100ml	5	
	10ml	5	
	5 ml	5	
	1 ml	5	
4	Beaker (Borosil) 1 Liter	5	
	500ml	5	
	250ml	10	
	200ml	10	
	100ml	10	
	Beaker (Plastik) 1 Liter	5	
	500ml	10	
5	Conical Flask(Borosil)- 150 ml	15	
	200 ml	15	
	Funnel (Borosil)- 7.5 cm.	10	
	Funnel (Borosil)- 3 Inch	10	
7	Chromatography chamber with lid	12	

Sr.No.	Name of glasswares	Quantity	Amount
--------	--------------------	----------	--------

1	Test tubes (Borosil)	2 Pkt	
2	Burret (25 Ml) Borosil	15	
3	Pipet's	5	
4	Petry dish with covering plates	50	

Chemicals

Sr.No.	Name of chemicals	Quantity	Amount
1	Sodium citrate dehydrate	500gm	
2	Mnso ₄ (Magnus sulphate)	1500gm	
3	NaOH	500gm	
4	KOH	500gm	
6	Na (Sodium) Aceatate	500gm	
7	Acetic Acid	1 lit.	
10	Na ₂ PO ₄	500gm	
11	Glacial acetic acid	2 lit	
12	Chloroform	1 lit	
13	Picric Acid	100 gm	
14	Ammonium Chloride	500gm	
15	Copper Sulphate	500gm	
16	Potassium oxalate	500gm	
17	Benedict Solution	2 lit	
18	Proline (Prepaired)	100 ml	
19	Leucine (Prepaired)	100 ml	
20	Hydrochloric Acid	2 lit	
21	Conc. HNO ₃ (Conc. Nitric acid)	2 lit	
22	Sodium Oxilate	500 gm	
23	Sulphuric acid	2 lit	
24	Iodine	50 gm	
25	Ethanol	5 lit	
26	Methanol	2 lit	
27	Benzene	1 lit	
28	Petroleum ether	1 lit	
29	Lab solvent	5 lit	
30	Potassium Dichromate	500 gm	
31	Potassium Permanganate	500 gm	
32	Hydrogen Peroxide	500 gm	
33	Ferrus Sulphate	500 gm	

34	Ferrous ammonium sulphate	500 gm	
35	Glycerin	1 lit	
36	Xylene	1 lit	
37	Wax	2 kg	
38	Hematoxylene	500 ml	
39	MgSO ₄	500 gm	
40	Blood antigines (Blood group Detection Kit)	2 pkt	
41	Phenolphthalein indicator	50 gr	
42	Methyl Orange Indicator	200 ml	
43	10./. Formalin	500 ml	
44	Haematoxyline	500 ml	
45	Calcium acetate formaline	500 ml	
46	Glucose	1 kg	
47	Sucrose	500 gm	
48	Fructose	500 gm	
46	Lactose	500 gm	
50	Maltose	500 gm	
51	Barford Reagent	500 ml	

Stain

1	Leishman	50gr	
2	Eosin	50gr	
3	Cotton Blue	50gr	
4	Light green	50gr	
5	Ninhydrine	50gr	
6	Safranin	50gr	
7	AcetoCarmine powder	50gr	
8	Phenelopthaline Indicator	50 gr	
9	Janus Green B	50 gr	

Sr.No.	Particular Names	Qty.	Amount
1	Ph Paper	20 Pkt	
2	Blotting paper (White)	2 rim	
3	Whatman Filter PaperNo-01	4 Pkt	
4	Paper sheets for DNA Paper Model	1	
5	Straw	4 pkt	

Fishery Bioproduct

19	Fish meal	1	
20	Fish flour	1	
21	Fish manure	1	
22	Fish fin soup	1	
23	Fish Liver oil	1	

Hutatma Rajguru Mahavidyalay Rajgurunagar
Department of Biology
Requirement For AY 2021-2022
Hutatma Rajguru Mahavidyalaya, Rajgurunagar

Slide

Sr.No	Name of Slide	Quantity	Amount
1	Diatoms	2	
2	T.S. Testis	2	
3	T.S. Ovary	2	
4	V.S. Blastula	2	
5	Meosis	2	
6	Entamobia Histolitica	2	
7	Plasmodium	2	
8	Human cheek cell	02	
9	Stomata	02	
10	Leg of Cockroch	02	
11	Straited muscle fibre	02	
12	Smooth muscle fibre	02	
13	T.S. of Bone	02	
14	T.S. of Cartilage	02	
15	Human blood cell	02	

Specimen

Sr.No	Name of Specimen	Quantity	Amount
1	Ascaris (Male)	02	
2	Ascaris (Female)	02	
3	Sponge	02	
4	Butterfly	02	
5	Bat	02	
6	Wall lizard	02	
7	Tode	02	
8	Rohu	02	
9	Dogfish	02	
10	Apple Snail	02	

11	Pitcher plant	02	
12	Tapeworm	02	
13	Echornia	02	

Chemical

Sr.No	Name of chemical	Quantity	Amount
1	Lab solvent	5 lit	
2	Mercury	250 gm	
3	Janus green B Stain	50 gr	
4	Iso Propyl alcohol	2 Lit	
5	Starch Powder	500 gm	
6	Universal Indicator	1 lit	
7	Benedict reagent	1 lit	
8	pH Tablets (Three types)	10	
9			

Instrument

Sr.No	Name of Instrument	Quantity	Amount
1	Glass rod	06	
2	Dropper	4 Doz.	
3	Test tube holder	4 Doz.	
4	Test tube (Borosil)	200 Nos	

Instrument

Sr.No	Name of Instrument	Quantity	Amount
1	Lactometer	1	
2	Thermometer	06	
3			