

K.T.S.P. MANDAL'S
SAHEBRAOJI BUTTEPATIL MAHAVIDYALAYA, RAJGURUNAGAR
DEPARTMENT OF BOTANY
REQUIREMENT OF THE YEAR 2019-20

Sr. No.	Name of the classwork material	QUANTITY
1	Algae -Spirogyra Vegetative , Reproductive	5 nos, 5nos
2	Fungi - Cystopus	5 nos
3	Lichens- Crustose, foliose,fruitiose	5 nos
4	Bryophytes - Ricca- vegetative productive ,reproductive	5 nos, 5nos
5	Pertidophytes - Nephrolepis- Stolon, Rachis, Sprophy II	5 nos each
6	Gymnospesrms - Cycus (Corolloid roots)	5 nos
7	Gymnospesrms - Cycus (Rachis , Leaflet, Megasoprophy II)	5 nos each
8	Gymnosperms - Cycus (Male Cone)	5 nos
9	Dicot sunflower (stem)	5 nos
10	Dicot sunflower (root)	5 nos
11	Dicot sunflower (leaf)	5 nos
12	Dried Moss	500 gm
13	Oyster Mushroom - Spawn	5 nos
14	Azadirachtin Indiar - Biospesticides	5 nos
15	Ganoderma tablet,	5 nos
16	Rhizobium , Azatobactor - culture	5 nos
17	Bignonia stem (Old)	5 nos
18	Dracaena stem	5 nos
19	Aspergillus	5 nos
20	Tricoderma	5 nos
21	Penecilium	5 nos
22	Echornia Root	5 nos
23	Spirulina tablets	5 nos
24	Yeast	5 nos
25	hydrilla Stem	5 nos
26	Nostoc	10 unit
Glasswares		
1	Measuring cylinder 10 ml	6 nos
2	Beaker 1000 ml	2 nos
3	Beaker 500 ml	6 nos
4	Beaker 250 ml	12 nos
5	Beaker 150 ml	12 nos
6	Beaker 100 ml	18 nos
7	Conical flask 150 ml	6 nos
8	Conical flask 250 ml	6 nos
9	Spirit lamp (Steel)	6 nos
10	Glass funnel 75 mm	6 nos
11	Glass funnel 4"	12 nos
12	Petri dish	24 nos
13	Capillary tube	3 pkt
14	Dropping bottle	1 doz

15	pH Paper	3 pkt
16	Whatman filter Paper No. 1	1 pkt
17	Compound Microscope	3 nos
18	Slides	2 box
19	Cover slips	5 box
20	Potometer	12 nos
21	Burette	12 nos
22	Pipette	12 nos
23	Burette stand	12 nos
24	Dissecting Microscope	3 nos
Chemical		
1	Light green	25 gm
2	Saffranine	25 gm
3	Aniline Blue (Cotton blue)	25 gm
4	Acetocarmine Powder	25 gm

Charts

1	Spirogyra	1 no
2	Riccia structure	1 no
3	Riccia reproduction	1 no
4	Agaricus biporous	1 no
5	Cycas- leaflet & riches	1 no
6	Cycas- stem & root	1 no
7	Cycas - reproduction	1 no
8	Nephrolepis	1 no
9	Inflorescence(special type inflorescence)	1 no
10	Inflorescence (recemose)	1 no
11	Inflorescence (Cymose)	1 no
12	Modification of root	1 no
13	Modification of stem	1 no
14	Modification of leaf	1 no
15	Malvaceae	1 no
16	Fruits- Parts of typical fruit	
	1) Simple - Dry Achene cypsella legume	1 no
	2) Aggregate Eteario of follicles and barries	1 no
	3) Multiple -Syconus and sorosis	1 no
17	Dicot stem Sunflower	1 no

Slides

1	Rhizobium	1 no
2	Azatobacter	1 no
3	Dicot & monocot embryo	1 no
4	Annona Stem –T.S.	1 no
5	All Ovule types	1 no
6	Moringa Stem –T.S.	1 no
7	Bignonia Stem – T.S.	1 no
8	Dracaena Stem – T.S.	1 no

9	Coleus Stem - T.S.	1 no
10	Dicot embryo	1 no
11	Monocot embryo	1 no
12	Mitosis	1 no
13	Nerium leaf -multilayered epidermis	1 no