

K.T.S.P.MANDA'S
SAHEBRAOJI BUTTEPATIL MAHAVIDYALAYA
 RAJGURUNAGAR, TAL-KHED, DIST-PUNE
Department of Botany
Online Lectures Report
Term- I -2020-21

Sr. No	Date	Time	Class	Topic Covered
1.	14/9/2020	11.15 am	TY BSc	Genetics and Evolution – Syllabus Discussion
2.	15/9/2020	11.15 am	TY BSc	1.Genetics - Introduction
3.	16/9/202	11.15 am	TY BSc	2.Mendelism- Genetical Terminology , Monohybrid cross
4.	21/9/2020	10 am	FYBsc	Discussion on UGC Rules and Regulation Of CBCs Pattern -2019
5.	21/9/2020	11.15 am	TYBsc	Law of Dominance , Law of Segregation, Incomplete Dominance
6.	22/9/2020	10 am	FYBsc	Syllabus Discussion of Paper I- Plant Life and Utilization -I
7.	22/9/2020	11.15 am	TYBsc	Dihybrid cross, Law of Independent assortment
8.	23/9/2020	8.30 am	FYBsc	Chap-1 Introduction- General outline of plant kingdom
9.	23/9/2020	11.15 am	TYBsc	Back cross and Test cross
10.	24/9/2020	8.30 am	FYBsc	Lower Cryptogams: Thallophytes- Algae, Fungi- General Character
11.	24/9/2020	11.15 am	TYBsc	3. Interactions of genes - Non-epistatic genetic interactions
12.	25/9/2020	11.15 am	TYBsc	Supplementary genes (Recessive epistasis) (9:3:4)
13.	26/9/2020	11.15 am	TYBsc	Epistatic genetic interactions- Masking genes (12:3:1), Inhibitory genes(13:3)
14.	28/9/2020	11.15 am	TYBsc	Lethal genes (2:1)-Concept, Inheritance of coat colour in mice, Inheritance of sickle cell anemia
15.	29/9/2020	11.15 am	TYBsc	3. Multiple alleles -Definition, Concept, Characters of multiple alleles
16.	30/9/2020	11.15 am	TYBsc	Examples of multiple alleles – inheritance of blood group in human,
17.	1/10/2020	8.30 am	FYBsc	General character of Fungi
18.	1/10/2020	11.15 am	TYBsc	Examples of multiple alleles -eye colour in Drosophila
19.	2/10/2020	11.15 am	TYBsc	Examples of multiple alleles self-

				incompatibility in Nicotiana
20.	3/10/2020	11.15 am	TYBsc	5. Linkage and Crossing over- Linkage- Definition and Types
21.	5/10/2020	11.15 am	TYBsc	Incomplete Linkage
22.	6/10/2020	11.15 am	TYBsc	Crossing over: Definition and Types
23.	7/10/2020	8.30 am	FYBsc	Lichen – General Character
24.	7/10/2020	11.15 am	TYBsc	Construction of a linkage map by two point test cross
25.	8/10/2020	8.30 am	FYBsc	General Character- Bryophytes
26.	8/10/2020	11.15 am	TYBsc	Construction of a linkage map by three point test cross
27.	9/10/2020	11.15 am	TYBsc	Problem on three point cross
28.	12/10/2020	10.20 am	TYBsc	6. Quantitative and Cytoplasmic Inheritance -Concept of quantitative inheritance
29.	13/10/2020	10.20 am	TYBsc	Revision
30.	14/10/2020	8.30 am	FYBsc	General Character- Bryophytes
31.	15/10/2020	8.30 am	FYBsc	General Character- Pteridophytes
32.	19/10/2020	10.20 am	TYBsc	Difference between qualitative and quantitative traits, Inheritance of quantitative trait in Maize (Cob length),
33.	20/10/2020	10.20 am	TYBsc	Cytoplasmic inheritance – Definition and concept,
34.	21/10/2020	8.30 am	FYBsc	General Character- Gymnosperm
35.	22/10/2020	8.30 am	FYBsc	General Character- Angiosperms
36.	24/10/2020	11.15 am	TYBsc	Chloroplast- Variegation in Four O'clock plants,
37.	26/10/2020	10.20 am	TYBsc	8. Euploidy and Aneuploidy - Numerical changes in chromosomes- Euploidy and Aneuploidy,
38.	27/10/2020	10.20 am	TYBsc	Euploidy- Monoploidy, Origin and production, morphology and uses. Polyploidy -Concept and Characteristics of polyploids,
39.	28/10/2020	8.30 am	FYBsc	2. ALGAE Introduction -General Characters , Classification (Bold and Wynne 1978) up to classes with reasons
40.	29/10/2020	8.30 am	FYBsc	Classification (Bold and Wynne 1978) up to classes with reasons, Habit, Habitat,
41.	31/10/2020	11.15 am	TYBsc	Mitochondria- Petite mutants in yeast
42.	2/11/2020	10.20 am	TYBsc	7. Sex linked inheritance -Concept of Sex chromosomes and autosomes,
43.	3/11/2020	10.20 am	TYBsc	autosomes, Inheritance of X- linked genes - eye colour in Drosophila

44.	4/11/2020	8.30 am	FYBsc	Structure of thallus, structure of typical cell of <i>Spirogyra</i>
45.	5/11/2020	8.30 am	FYBsc	Reproduction- Vegetative, Asexual and Sexual reproduction by conjugation
46.	9/11/2020	10.20 am	TYBsc	Inheritance of Y- linked genes - Holandric genes in humans,
47.	10/11/2020	10.20 am	TYBsc	X- linked genes - Inheritance of colour blindness in humans,
48.	11/11/2020	8.30 am	FYBsc	Conjugation – Scalariform and Lateral Conjugation
49.	12/11/2020	8.30 am	FYBsc	systematic position with reasons, Utilization of Algae in Biofuel Industry, Agriculture, Pharmaceuticals, Food and Fodder
50.	12/11/2020	12 pm	TYBSc	Sex influenced genes – baldness in humans Sex-limited genes - feathering in domestic fowl
Diwali Vacation From 13/11/2020 to 17/11/2020				
51.	18/11/2020	8.30 am	FYBsc	9. Chromosomal Aberrations -Types of structural changes in chromosomes, Deletion: types, cytology and genetic effects,
52.	19/11/2020	8.30 am	FYBsc	Lichen – Introduction and General character, Nature of association
53.	21/11/2020	11.15 am	TYBsc	Duplication: types and cytology, position effect and bar eye phenotype in <i>Drosophila</i> ,
54.	23/11/2020	10.20 am	TYBsc	Inversion: types and their cytology, Translocation: types, translocation complexes
55.	24/11/2020	10.20 am	TYBsc	Variation in chromosome morphology: Isochromosomes, ring chromosomes and Robertsonian translocation
56.	25/11/2020	8.30 am	FYBsc	Forms of Lichen - Crustose, Foliose and Fruticose. Utilization of lichens.
57.	26/11/2020	8.30 am	FYBsc	4. FUNGI -Introduction , General Characters , Classification (Ainsworth, 1973)
58.	28/11/2020	11.15 am	TYBsc	10. Evolution – Introduction and Theories of Evolution
59.	29/11/2020	9.30 am	TYBsc	The concept of organic evolution
60.	30/11/2020	10.20 am	TYBsc	Theories of Evolution, Pre-Darwinian period- Theory of Inheritance of acquired characters (Lamarck's)
61.	1/12/2020	10.20 am	TYBsc	Darwinism- Theory of Natural Selection,
62.	2/12/2020	8.30 am	FYBsc	Life Cycle of Mushroom- Agaricus

				bisporus w.r.t. Habit, Habitat, Structure of thallus
63.	2/12/2020	8.30 am	FYBsc	Structure of Sporocarp, Structure of Gill,
64.	5/12/2020	11.15 am	TYBsc	Post-Darwinian period- Modern synthetic theory
65.	6/12/2020	9 am (Extra)	TYBsc	11. Evidences of Evolution - Direct evidences
66.	6/12/2020	10.00 am (Extra)	FYBSc	Reproduction- Asexual and sexual, Systematic position.
67.	7/12/2020	10.20 am	TYBsc	Direct evidences ,conclusions from fossil records, Indirect evidences
68.	8/12/2020	10.20 am	TYBsc	Evidences from Genetics, Evidences from bio-geographical relations
69.	9/12/2020	8.30 am	FYBsc	Utilization of Fungi in Industry, Agriculture, Food and Pharmaceuticals.
70.	10/12/2020	8.30 am	FYBsc	5. BRYOPHYTES -Introduction General Characters ,Classification (G.M. Smith 1955)
71.	11/12/2020	11.15 am	TYBsc	12. Population Genetics and Evolution Concept of Mendelian population.
72.	13/12/2020	9.30 am	TYBsc	
Term End Vacation from 14/12/2020 to 27/12/2020				
73.	14/12/2020	10.20 am	TYBsc	Gene pool and its models,
74.	15/12/2020	10.20 am	TYBsc	Hardy-Weinberg law of gene frequencies.
75.	16/12/2020	8.30 am	FYBsc	Classification (G.M. Smith 1955), Life Cycle of Riccia w.r.t. Habit, habitat, external structure of thallus
76.	17/12/2020	8.30 am	FYBsc	internal structure of thallus and Reproduction- vegetative, asexual and sexual
77.	19/12/2020	11.15 am	TYBsc	Factors affecting allelic frequency-HW
78.	21/12/2020	10.20 am	TYBsc	Genetic polymorphism
79.	28/12/2020	10.20 am	TYBsc	Seminar
80.	29/12/2020	10.20 am	TYBsc	Seminar
81.	30/12/2020	8.30 am	FYBsc	Seminar
82.	31/12/2020	8.30 am	FYBsc	Seminar
83.	2/1/2021	9.00-9.30 am 11.00 -11.30 am	SYBSc P-I&II	Online Internal Exam through Google form
84.	4/1/2021	9.00-9.30 am 11.00 -11.30 am	TYBSc P-III	Online Internal Exam through Google form
85.	5/1/2021	9.00-9.30 am 11.00 -11.30 am	FYBSc P-I&II	Online Internal Exam through Google form
86.	7/1/2021	8.30 am	FYBsc	Seminar
87.	13/1/2021	8.30 am	FYBsc	Revision and systematic position with

				reasons. Utilization: Bryophytes as ecological indicators, agriculture, fuel, industry and medicine.
88.	14/1/2021	8.30 am	FYBsc	Revision
89.	20/1/2021	8.30 am	FYBsc	Term – II – Syllabus discussion of Paper I
90.	21/1/2021	8.30 am	FYBsc	1. INTRODUCTION
91.	27/1/2021	8.30 am	FYBsc	Introduction to plant diversity
92.	28/1/2021	8.30 am	FYBsc	Pteridophytes with reference to vascular plants
93.	3/2/2021	8.30 am	FYBsc	Anatomical Character of Pteridophytes
94.	4/2/2021	8.30 am	FYBsc	Anatomical and reproductive Character of Pteridophytes
95.	10/2/2021	8.30 am	FYBsc	General Character of Gymnosperms
96.	11/2/2021	8.30 am	FYBsc	Anatomical Character of Gymnosperms
97.	17/2/2021	8.30 am	FYBsc	General Character of Angiosperms
98.	18/2/2021	8.30 am	FYBsc	General Character of Angiosperms
99.	1/3/2020	10.10 am	TYBsc	Revision
100.	2/3/2020	10.10 am	TYBsc	Revision
101.	3/2/2021	8.30 am	FYBsc	Revision
102.	3/2/2021	11.00	TYBSc	Revision
103.	4/3/2021	8.30 am	FYBsc	Revision
104.	8/3/2021	12pm	TY BSc	Revision
105.	10/3/2021	8.30 am	FY BSc	Revision
106.	16/3/2021	10.20 am	TY BSc	Revision
107.	17/3/2020	8.30 am	FYBsc	Revision
108.	18/3/2021	8.30 am	FYBsc	Revision
109.	24/3/2020	8.300 am	FYBsc	Revision
Term I University Exam till 4 th May (FYBsc), 11 th May (TYBsc), 24 th May 2021 (SYBsc)				

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Department of Botany

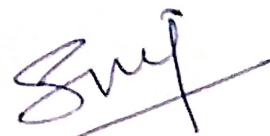
Satishraoji Bhatt, P. O. Satishraoji

Rajgurunagar, Pune - 411 001.

Report
on
Work from home during lockdown 2.0 due to Covid-19 Pandemic

State government of Maharashtra is threatened with spread of Covid-19 virus, and therefore to take certain emergency measures to prevent and contain the spread of the virus, the Government is exercise the powers conferred under section 2 of the Epidemic Diseases Management Act 1897, read with all other enabling provisions of The Disaster management Act 2005, it is declared 2.0 lockdown from 15th April 2021 to 14 June 2021 to break the chain of Corona virus. Savitribai Phule Pune University also declared lockdown so all exams conducted Online and allow all teaching staff to do work from home. During this period of lockdown I always communicate with students through social media like whatapp and also used online teaching method like Zoom App, 'Google classroom provided them study material and conducted online Quizzes. I have done following activity during lockdown period:

Sr No.	Date	Activity	Document attached
1	15,16,17/4/2021	Attended College(50% of Staff can attended)	-
2	19,20/4/2021	Prepared Question paper format for practical Internal exam	-
3	23,24/04/2021	Prepared Internal Exam Question paper(MCQ) on Google form for Backlog student of Term II (Paper I and Paper- II), conducted internal exam through link and submitted marks on SPPU Internal Exam Marks Entry web portal.	Link of MCQ Exam Paper through Google form-
4	25,26/4/2021	Prepared Practical Internal Exam Question paper(MCQ) on Google form for FY And SY B Sc student of Term I (Paper- III), conducted internal exam through link.	Spread sheet
5	27 April 2021 to 1 st May 2021	Conducted Test Series on Genetics and Evolution for TY Bsc Students through Google Form	Spread sheet
6			
7	5 th May2021	FY BSc Lectures conducting after Term- I Exam	



Head

Department of Chemistry
Savitribai Phule Pune University
Kharajwadi, Pune - 411 004

Term- II -2020-21

Sr No.	Date	Activity	Document attached
1	15,16,17/4/2021	Attended College (50% of Staff can attended)	-
2	19,20/4/2021	Prepared Question paper format for practical Internal exam	-
3	23,24/04/2021	Prepared Internal Exam Question paper(MCQ) on Google form for Backlog student of Term II (Paper I and Paper- II), conducted internal exam through link and submitted marks on SPPU Internal Exam Marks Entry web portal.	Link of MCQ Exam Paper through Google form-
4	25,26/4/2021	Prepared Practical Internal Exam Question paper(MCQ) on Google form for FY And SY B Sc student of Term I (Paper- III), conducted internal exam through link.	Spread sheet
5	27 April 2021 to 1 st May 2021	Conducted Test Series on Genetics and Evolution for TY Bsc Students through Google Form	Spread sheet
6	5 th May2021	FY BSc Lectures were conducting after Term- I Exam	


Online Lectures Report

Sr. No.	Date	Time	Class	Name of Topic Covered
1.	5/5/21	8.30am	FY BSC	Introduction of Sem –II Syllabus
2.	6/5/21	8.30am	FY BSC	Chap-1 Introduction General Character of Pteridiophytes
3.	7/5/21	7.30am	FY BSC	General Character of Gymnosperms and Angiosperms
4.	8/5/21	10.45am	FY BSC	Practical-1
5.	9/5/21	8.30am	FY BSC	Chap- 2 Pteridiophytes introduction
6.	10/5/21	10.45am	FY BSC	Practical-2
7.	11/5/21	10.20am	TYBSc	Introduction of Paper VI Syllabus
8.	11/5/21	11.20 am	FYBSC	Practical-3
9.	12/5/21	8.30am	FYBSC	Classification of Pteridophytes
10.	12/5/21	11.10am	TYBSc	Chap- 1 Introduction
11.	13/5/21	8.30am	FYBSC	Life cycle of Nephrolepis
12.	13/5/21	10.20 am	TYBSc	Chap- 2 Plant Introduction
13.	14/5/21	10.20 am	TYBSc	Selection methods of plant breeding
14.	15/5/21	8.30 am	TYBSC	Practical
15.	15/5/21	9.30 am	TYBSC	Hybridization
16.	15/5/21	10.45 am	FYBSc	FYBSC Practical

17.	16/5/21	9.00 am	TYBSC	Bulk method
18.	16/5/21	11.00 am	FYBSC	Anatomy of Nephrolepis
19.	17/5/21	8.30am	TYBSC	Practical
20.	17/5/21	12.00 pm	TYBSC	Backcross method
21.	17/5/21	1.00pm	FYBSC	Practical
22.	18/5/21	9.30 am	TYBSC	Medicinal Botany Introduction
23.	18/5/21	10.45 am	FYBSC	Practical
24.	19/5/21	8.30 am	FYBSC	Fertilization of Nephrolepis
25.	19/5/21	11.10 am	TYBSC	Classification of crude Drugs
26.	19/5/21	1.00 pm	TYBSC	Practical
27.	20/5/21	8.30am	FYBSC	Eco Imp of Ptero
28.	20/5/21	10.20am	TYBSC	Ayurveda Pharmacy
29.	21/5/21	8.30am	TYBSC	Practical
30.	21/5/21	10.20 am	TYBSC	Principles of Ayurveda
31.	22/5/21	8.30 am	TYBSC	Practical
32.	22/5/21	10.45 am	FYBSC	Practical
33.	23/5/21	9.30 am	TYBSC	Tibetan system of Medicine
34.	23/5/21	10.30 am	FYBSC	Gymnosperms
35.	23/5/21	11.25 am	TYBSC	Ayurvedic formulation
36.	24/5/21	8.30 am	TYBSC	Ayurvedic formulation
37.	24/5/21	12.pm	TYBSC	Breeding for resistance
38.	25/5/21	7.40 am	FYBSC	External Morphology of Cycas
39.	25/5/21	8.30 am	TYBSC	Mechanism of Drought
40.	25/5/21	9.30 am	TYBSC	Mechanism of insect
41.	26/5/21	7.40 am	FYBSC	Anatomy of Cycas leaflet
42.	26/5/21	8.30 am	FYBSC	Reproduction in Cycas
43.	26/5/21	11.10 am	TYBSC	Seed Tech Introduction
44.	27/5/21	8.30 am	FYBSC	Eco Imp of Gymnosperms
45.	26/5/21	10.20 am	TYBSC	Role of Seed Industry
46.	26/5/21	12.00 pm	SYBSC	Plant embryology Introduction
47.	28/5/21	10.20 am	TYBSC	Seed Certification
48.	29/5/21	8.30 am	SYBSC	Microsporangium
49.	29/5/21	9.30 am	TYBSC	Methods of Sampling
50.	30/5/21	10.30 am	SYBSC	Microsporangium
51.	30/5/21	11.30 am	TYBSC	Types of seed sample
52.	31/5/21	9.30 am	SYBSC	Male Gametophyte
53.	31/5/21	12 pm	TYBSC	Factor Affecting on seed storage
54.	1/6/21	8.40 am	SYBSC	Ovule
55.	Term II Internal Exam of FYBSC			
56.	1/6/21	9.30 am	TYBSC	Air conditioning and DE fumigation
57.	2/6/21	8.30 am	FYBSC	Angiosperms
58.	2/6/21	11.10 am	TYBSC	Seed packaging
59.	3/6/21	8.30 am	FYBSC	Bentham and Hooker system of classification
60.	3/6/21	10.20 am	TYBSC	Seed Testing

61.	3/6/21	12pm	SYBSC	Types of Ovule
62.	4/6/21	9.30 am	SYBSC	Types of Embryo
63.	4/6/21	10.20 am	TYBSC	Seed germination test
64.	5/6/21	8.30 am	SYBSC	Types of Embryo sac
65.	5/6/21	9.30 am	TYBSC	Seed Marketing
66.	7/6/21	9.45 am	SYBSC	Practical 3
67.	7/6/21	12pm	TYBSC	Practical based on genetics
68.	8/6/21	9.30 am	TYBSC	Seed Marketing
69.	9/6/21	8.30 am	FYBSC	Monocot and Dicot
70.	9/6/21	11.10 am	TYBSC	Seed Marketing
71.	10/6/21	8.30 am	FYBSC	Eco Imp of Angiosperms
72.	10/6/21	12pm	SYBSC	Pollination and Fertilization
73.	11/6/21	11.10 am	TYBSC	Seed Marketing
74.	12/6/21	9.30 am	TYBSC	Revision
75.	13/6/21	8.30 am	SYBSC	Oral Practical Exam
76.	13/6/21	9.30 am	SYBSC	Oral Practical Exam
77.	13/6/21	12pm	FYBSC	Oral Practical Exam
78.	13/6/21	1pm	FYBSC	Oral Practical Exam
79.	13/6/21	2pm	FYBSC	Oral Practical Exam
80.	13/6/21	3pm	FYBSC	Oral Practical Exam
81.	14/6/21	8.30 am	SYBSC	Oral Practical Exam
82.	14/6/21	9.30 am	SYBSC	Oral Practical Exam
83.	14/6/21	12pm	FYBSC	Oral Practical Exam
84.	14/6/21	1pm	FYBSC	Oral Practical Exam
85.	14/6/21	2pm	FYBSC	Oral Practical Exam
86.	14/6/21	3pm	FYBSC	Oral Practical Exam
87.	16/6/21	8.30am	FYBSC	Utilization of Angiosperms
88.	Term II Internal Exam of SYBSC			
89.	17/6/21	8.30am	FYBSC	Utilization of Angiosperms
90.	17/6/21	12pm	SYBSC	Types of Pollination
91.	18/6/21	10.20am	TYBSC	Revision
92.	19/6/21	9.30am	TYBSC	Revision
93.	20/6/21	9.00am	SYBSC	Pollination and Fertilization
94.	23/6/21	8.30am	FYBSC	Revision
95.	23/6/21	11.10am	TYBSC	Revision
96.	24/6/21	8.30am	FYBSC	Revision
97.	24/6/21	12pm	SYBSC	Endosperm
98.	25/6/21	10.20am	TYBSC	Revision
99.	27/6/21	8.30 am	SYBSC	Oral Practical Exam
100.	27/6/21	9.30 am	SYBSC	Oral Practical Exam
101.	27/6/21	12pm	FYBSC	Oral Practical Exam
102.	27/6/21	1pm	FYBSC	Oral Practical Exam
103.	27/6/21	2pm	FYBSC	Oral Practical Exam
104.	27/6/21	3pm	FYBSC	Oral Practical Exam
105.	28/6/21	8.30 am	SYBSC	Oral Practical Exam

106.	28/6/21	9.30 am	SYBSC	Oral Practical Exam
107.	28/6/21	12pm	FYBSC	Oral Practical Exam
108.	28/6/21	1pm	FYBSC	Oral Practical Exam
109.	28/6/21	2pm	FYBSC	Oral Practical Exam
110.	28/6/21	3pm	FYBSC	Oral Practical Exam
111.	30/6/21	8.30am	FYBSC	Revision
112.	30/6/21	11.10am	TYBSC	Revision
113.	1/7/21	12pm	SYBSC	Types of Embryo


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