

BOTANY DEPARTMENT, Smt. A.A.A. GOVT. P.G. COLLEGE KALKA

LESSON PLAN 3RD SEMESTER 2020-21

Sr. No.	DATE/ MONTH	TOPIC	REMARKS
1	August, 2020	GENERAL CHARACTER AND DIVERSITY OF GYMNOSPERMS, PIGLER AND MELCHIOR SYSTEM OF CLASSIFICATION TEST/ SEMINAR	Classes will be met on Google Meet and Google Class Room and Material Will be Provided in the form of PPT. Topic wise class tests will be arranged on line
2	September, 2020	GEOLOGICAL TIME SCALE, EVOLUTION OF SEED HABIT. TEST AND PRESETATION	Topic wise class tests will be arranged on line
3	September, 2020	DIVERSITY IN PLANT FORMS- ANNUALS, BIENNIALS AND PERENNIALS. TEST AND PRESETATION	STUDENTS HAVE TO SUBMIT ASSIGNMENT ON THE TOPICS GIVEN TO THEM UPTO 20 TH September 2020
4	September, 2020	TISSUE – MERISTEMIC AND PERMANENT TEST AND PRESETATION	
5	September, 2020	PALEOBOTANY FOSSIL AND FOSSILIZATION TEST AND PRESETATION	
6	October, 2020	THE SHOOT SYSTEM – SHOOT APPICL MERISTEM AND ITS HISTOLOGICAL ORGANIZATION TEST AND PRESETATION	
7	October, 2020	MONOCOT AQND DICOTE STEM , CAMBIUM STRUCTURE AND FUNCTION TEST AND PRESETATION	
8	October, 2020	LYGENOTERIS TEST AND PRESETATION	
9	October, 2020	WILLIAMSONIA AND CYCADEOIDEA	

		TEST AND PRESETATION	
10	November, 2020	SECONDARY GROWTH IN DICOT STEM, CHARECTERSTICS OF GROWTH RINGS, SAP WOOD AND HEART WOOD , PERIDERM, ANOMALOUS SECONDARY GROWTH (DRACENEA, BOERHAVIA AND ACHYYRANTHUS	STUDENTS HAVE TO SUBMIT ASSIGNMENT ON THE TOPICS GIVEN TO THEM UPTO 20 TH SEP. 2020
11	November,2020	TEST AND PRESETATION ANATOMY OF ROOT STEM AND LEAF, REPRODUCTIVE PARTS, MODE OF REPRODUCTION, LIFE CYCLE AND ECONOMIC IMPORTANCES TEST AND PRESETATION	
12	November, 2020	TYPE OF LEAF AND PHYLLOTAXY TEST AND PRESETATION	
13	November,2020	CYCAS , TEST AND PRESETATION	

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15	OCT. 2018	STOMATAL APPARATUS AND THEIR MORPHOLOGICAL TYPES TEST AND PRESETATION	Topic wise class tests will be arranged
16	OCT. 2018	ROOT SYSTEM, MONOCOT AND DICOT ROOT, APICAL MERISTEM AND THE HISTOLOGICAL ORGANISATION.	Seminars of students will be organised
17	OCT. 2018	EPHEDRA	
18	OCT. 2018	SECONDARY GROWTH IN ROOT. TEST AND PRESETATION	
19	OCT. 2018	GENERAL CHARECTERS OF ANGIOSPERMS INCLUDING PPRIMITIVE ANGIOSPERM (AMENTIFEREAE , RENAL, MANGOLIALES)	
20	OCT. 2018	STRUCTURAL MODIFICATION IN ROOTS – STORAGE (BETA), RESPIRATORY (

		RHIZOPHORAQ), EPIPHYTIC (VANDA)	
21	OCT. 2018	PINUS, TEST AND PRESETATION	
22	NOV. 2018	REVISION	

NOTE: - AFTER COMPLETION OF UNIT OR MID OF THE UNIT, THERE WILL BE TWO HOME ASSIGNMENTS BASED ON THE THEORY AS MENTIONED IN THE REMARKS OF THE LESSON PLAN. THOSE STUDENTS WHO FAIL TO SUBMIT THE ASSIGNMENTS BY THE DATE SHALL LOSE THEIR MARKS OF ASSIGNMENTS.

MID TERM EXAMINATION:- TWO MID TERM EXAMINATION WILL HELD OF 45 MINUTES IN CLASS, EACH OF FIVE MARKS, BE COMBINATION OF SHORT AND LONG THEORY QUESTIONS AND THESE MARKS ARE ADDED FOR ASSESSMENT.

DATE SHEET OF MID TERM EXAMINATION WILL BE DISPLAYED ON THE NOTICE BOARD.

ATTENDANCE:- STUDENTS ARE REQUIRED TO HAVE **MINIMUM ATTENDANCE OF 75%** IN THE SUBJECT. STUDENTS WITH LESS THAN THE STIPULATED PERCENTAGE SHALL NOT BE ALLOWED TO APPEAR IN THE EXAM.

REFERENCE BOOKS:-

PARDEEP'S BOTANY BY DR. H.N. SHRIVASTVA

GENETICS BY P.K. GUPTA

JBD BOTANY BY ARCHNA JAIN