

WEEK WISE LESSON PLAN, Even Semester 2019

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Class and Section: **B. Sc. MEDICAL, 4th Semester, Subject: BOTANY**

Week wise Lesson Plan for the month JANUARY, 2020

Weeks	Topics
Week 1	Taxonomy and systematic Fundamental components of taxonomy
Week 2	Identification , classification nomenclature and phylogeny Role of chemotaxonomy, cytotaxonomy and taximetrics in relation to taxonomy
Week 3	Botanical nomenclature Principles and rules, principle of priority
Week 4	Type concept and taxonomic ranks Keys to identification of plants
Week 5	Bentham and Hooker system of classification Engler and Plant system of classification

Week wise Lesson Plan for the month FEBRUARY

Week	Topics
1	Class test
2	Structure of flower and its various floral parts Flower as modified shoot
3	Process of microsporogenesis Pollen grain and its structure
4	Pollen pistil interaction ,Self incompatibility ,Pollination and its various types
5	Pollen germination or microgametogenesis Male gametophyte

Week wise Lesson Plan for the month MARCH

Week	Topics
Week 1	Structure of megasporangium and various types of ovules
Week 2	Megasporogenesis and megagametogenesis Structure of female gametophyte
Week 3	Double fertilization Endosperm and its importance
Week 4	Types of endosperm Embryogenesis in dicots
Week 5	Embryogenesis in monocots Polyembryony, Class test , Assignment submission

Week wise Lesson Plan for the month APRIL

Week	Topics
Week 1	Structure of monocot seed Structure of dicot seed
Week 2	Fruit and its various types Dispersal mechanisms in fruits
Week 3	Dispersal mechanisms in seeds
Week 4	Revision of the whole syllabus <ul style="list-style-type: none">• Through audio-visual practice• Specimen and slide study• Group discussion• Seminars and power point presentations• Oral and written tests