

	PRACTICAL SYLLABUS FOR I YEAR BOTANY wef 2012-13
1	Study of the parts of a compound microscope
2	Identification and study of the morphology of representative types of bacteria, fungi & different plant groups
3	Study of the modifications of root
4	Study of the modifications of stem
5	Study of the modifications of leaf
6	Study and identification of different types of inflorescences
7	Study of the reproductive parts of commonly available flowers
8	Calculation of the percentage of pollen germination
9	Study of the pollen tube growth on stigma
10	Study and identification of various stages of female gametophyte development in the ovary of a flower, fruits.
11	Study and describing flowering plants of families - Fabaceae
12	Study and describing flowering plants of families - Solanaceae
13	Study and describing flowering plants of families - Liliaceae
14	Preparation of herbarium sheets of flowering plants
15	Study of tissues and diversity in shapes and sizes of plant cells
16	Study of anatomy of root of dicots
17	Study of anatomy of root of monocots
18	Study of anatomy of stem of dicots
19	Study of anatomy of stem of monocots
20	Preparation and study of mitosis in onion root tips (To be demonstrated by teacher)
21	Study of stages of meiosis using permanent slides