

REMEDIAL BIOLOGY

PH. 1.11 THEORY

2 hours/week

UNIT-I

1. Morphology: Root and stem modifications, leaf, flower, fruit & seed.
2. Anatomy: Tissue system in root, stem, leaf, bark & wood.
3. Plant cell: Organelles, cell division, tissues and types.

UNIT-II

1. Methods of classification: Artificial, natural and phylogenetic.
2. Plant taxonomy: Families; *Apocyanaceae*, *Solanaceae*, *Rutaceae*, *Fabaceae*, *Rubiaceae*, *Apiaceae*, *Lamiaceae*, *Brassicaceae*, *Umbelliferae*, *Papaveraceae*, *Foaceae* and *Liliaceae*.

UNIT-III

1. Animal Kingdom: Structure and life history of Amoeba, Entamoeba, Trypanosoma, Ancylostoma, Plasmodium, Taenia, Ascaris, Fasciola and Oxyuris.

UNIT-IV

General structure and life history of insects like Mosquito, Housefly, Mites and Silk worm.