

Paper Code: BOT-503

Paper Name: Gymnosperms, Taxonomy of Angiosperms and Anatomy

BLOCK – I : GYMNOSEPERMS

- Unit –1 : Distribution, General Characteristics, Classification and Economic Importance of Gymnosperms
- Unit –2 : Morphology and Anatomy of Cycadales, Ginkgoales, Coniferales, Taxales and Gnetales
- Unit –3 : Reproductive Structure of Cycadales, Ginkgoales, Coniferales, Taxales and Gnetales
- Unit –4 : Development of Male and Female Gametophytes
- Unit –5 : Fossil Gymnosperms

BLOCK – II : TAXONOMY OF ANGIOSPERMS – I

- Unit –6 : Origin and Phylogeny of Angiosperms
- Unit –7 : International Code of Botanical Nomenclature
- Unit –8 : Systems of Classification
- Unit –9 : Recent Trends in Plant Taxonomy
- Unit –10 : Biosystematics

BLOCK – III: TAXONOMY OF ANGIOSPERMS – II

- Unit –11 : General Account of Ranales, Centrospermales and Amentiferae
- Unit –12 : General Account of Tubiflorae, Helobiales and Poales
- Unit –13 : Flora and Vegetation of Andhra Pradesh
- Unit –14 : Herbarium Methodology and Herbaria
- Unit –15 : Biodiversity and Conservation

BLOCK – IV: ANATOMY

- Unit –16 : Apical Meristems of Root and Shoot
- Unit –17 : Tissues & Tissue Systems
- Unit –18 : Primary Structure of Root Stem and Leaf
- Unit –19 : Secondary Growth
- Unit –20 : Wood Anatomy