

Botany Paper - II

Important Questions

Unit - I Short Questions

- 1) Meristem
- 2) Junica - corpus
- 3) Antogeny
- 4) Types of Stomata
- 5) Epidermal Outgrowth
- 6) Periderm
- 7) Lenticels
- 8) Beet root
- 9) Monocot leaf T.S
- 10) Dicot Leaf T.S
- 11) Teak wood
- 12) Rose wood
- 13) Red Sandal
- 14) Xallamaddi
- 15) Yegisa
- 16) Neem.

Long Questions

- 1) Describe the anomalous Secondary growth in "Boerhavia"
- 2) Describe the anomalous Secondary growth in "Begonia"
- 3) Describe the anomalous Secondary growth in "Draceana"
- 4) Describe the anomalous Secondary growth in "Achyranthus"

Unit - II

Short Questions

- 1) J.S of mature anther
- 2) Microsporogenesis
- 3) Male gametophyte
- 4) Megasporogenesis
- 5) Female gametophyte.
- 6) Double fertilization
- 7) Polyembryony
- 8) Apomixis

Long Questions

- 1) Give an account on Endosperm
- 2) Describe the structure and development of "monocot embryo"
- 3) Describe the structure and development of "Dicot embryo".

Paleontology (Both short and Long Qs)

- 1) Pollen wall
- 2) NPC System.

Unit - III - Short - Qs

- 1) Types of Classification
- 2) Systematic Vs Taxonomy
- 3) Angiosperm Phylogenetic Group (APG)
- 4) Embryology in relation to Taxonomy
- 5) Cytotaxonomy
- 6) Chemotaxonomy
- 7) Numerical taxonomy
- 8) ICBN
- 9) VIENNA Code
- 10) Concept of "Herbarium"
- 11) Techniques in "Herbarium"
- 12) Applications in "Herbarium".

Long Qs

- 1) Give an account on "Bentham and Hooker System" of Classification.
- 2) Give an account on "Engler and Prantle System" of Classification.
- 3) Any one of the families.

Unit - IV

Short as well as Long

- 1) Ashwagandha
- 2) Sarpagandha
- 3) Nela Usiri
- 4) Armba
- 5) Jalabrahmi
- 6) Jippa teega
- 7) Tulasi
- 8) Pippali
- 9) Karakaya
- 10) Kalabandla
- 11) Cucuma longa