

II Year III Semester Botany Question Bank

Subject title: Taxonomy of Angiosperms and Medicinal Botany

Faculty Name: Noori Sultana

Long questions :15m

Unit I :

- 1) Bentham and Hookers system of classification with merits & demerits
- 2) Engler & Prantl's classification
- 3) Chemotaxonomy
- 4) Embryology in relation to taxonomy

Unit II :

- 5) Systematic study and economic importance of families- Annonaceae
- 6) Fabaceae
- 7) Cucurbitaceae
- 8) Euphorbiaceae
- 9) Asclepiadiaceae
- 10) Orchidaceae

Unit III :

- 11) Basic concepts of Ayurveda system of medicine
- 12) Homeopathy system
- 13) Unani Tibb
- 14) Biological source, chemical constituents & medicinal value of Tulsi & Piper

Unit IV:

- 15) Different concepts of health & disease and comparison of modern medicine with traditional medicine
- 16) Description of Ashwagandha and Rauwolfia
- 17) Various systems of classification of crude drugs with merits and demerits
- 18) Evaluation of Crude drugs

SHORT QUESTIONS : 4M

Unit I :

- 1) Cytotaxonomy
- 2) Binomial nomenclature
- 3) ICBN
- 4) Herbarium
- 5) APG system
- 6) Rosids

Unit II

- 8) Economic importance of Fabaceae
- 9) Floral characters of Asteraceae, Economic imp. Pollination mechanism
- 10) Pollination mechanism in Asclepiadiaceae & taxonomic affinities
- 11) Floral characters of Amaranthaceae
- 12) Pollination in Orchids
- 13) Poaceae

Unit III :

- 14) AYUSH
- 15) NMPB
- 16) CIMAP
- 17) CDRI
- 18) Ethnomedicine
- 19) Traditional medicine VS Modern medicine
- 20) Kaya-kalpa
- 21) Tinospora
- 22) Terminalia
- 23) Aloe vera
- 24) Turmeric

Unit IV :

- 25) Lycopodium spore method
- 26) Pharmacological classification of drugs
- 27) Biological classification of drugs
- 28) Collection method of drugs
- 29) Storage of drugs
- 30) Adulteration of drugs
- 31) Indian pharmacopeia
- 32) Medicinal uses & chemical constituents of Amla
- 33) Jalabrahmi
- 34) Myrobalan
- 35) Ashwagandha
- 36) Sarpagandha