

III - Semester: Important questions

SUB: Botany.

A. Short question: (4 marks).

1. Types of classification
2. Angiosperms phylogenetic group (APG)
3. Embryology in relation to Taxonomy
4. Cytotaxonomy
5. Chemotaxonomy.
6. Numerical taxonomy
7. Vienna code.
8. Concept of herbarium
9. Techniques of herbarium
10. Applications of herbarium.
11. Floral characters of Annonaceae
12. Floral characters of Rutaceae
13. Adiplostamenous.
14. Papilionaceous corolla
15. Floral characters of Fabaceae
16. Economic importance of Fabaceae.
17. Floral characters of Cisalpinaceae
18. Tendrils in cucurbita
19. Androecium in cucurbita

B. Short questions (MCQs):

20. Floral characters of Apocynaceae.
21. Economic importance of Poaceae.
22. Pollen mechanism in Fabaceae (piston mechanism).
23. Pollen mechanism in Asclepiadaceae (clitellum mechanism).
24. Pollen mechanism in Lamiaceae (liver mechanism).
25. Translocators.
26. Gynostegium.
27. Scope of Ethnomedicine.
28. Ayush.
29. NMPB
30. CIMAP
31. CDRI
32. Scope of Pharmacognosy.
33. Indian Pharmacopoeia.
34. Ayurveda
35. Siddha
36. Unani
37. Homeopathy.
38. ICBN.

B. Short questions

1. Give a critical account of the classification of Bentham & Hooker. Comment on its merits & demerits.
2. Give a critical account of the classification of Engler and Prantle. Comment on its merits & demerits.
3. Describe the family Compositae. Mention the plants of economic importance.
4. Describe the family Asclepiadaceae. Mention the plants of economic importance.
5. Describe the family Labiateae. Mention the plants of economic importance.
6. Describe the family Amaranthaceae. Mention the plants of economic importance.
7. Describe the family Euphorbiaceae. Mention the plants of economic importance.
8. Describe the family Orchidaceae. Mention the plants of economic importance.
9. Describe the family Graminae (Poaceae). Mention the plants of economic importance.
10. Compare critically Bentham & Hooker systems with that of Engler & Prantle.
11. Describe the morphology of Tippa-teega, Tulasi & pepperlu, collection, chemical constitution & uses.

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12. Describe the morphology, collection, chemical constitution & uses of Karaka, Kalabanda, Turmeric.

13. Describe the morphology, collection, chemical constitution & uses of Ashwagandha & Sarpagandha

14. Describe the morphology, collection, chemical constitution & uses of Nelausiri, Amla & Brahmi

15. Describe the methods of adulteration of plant root drugs

16. Describe the methods of collection, processing, reservation & storage of plant root drugs

17. Describe the methods of Evolution of plant root drugs