



QP CODE: 21000525

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Reg No :

Name :

M Sc DEGREE (CSS) EXAMINATION, MARCH 2021

Third Semester

Faculty of Science

M Sc BOTANY

**CORE - BY010303 - ANGIOSPERM TAXONOMY, ECONOMIC BOTANY AND
ETHANOBOTANY**

2019 Admission Onwards

08935F97

Time: 3 Hours

Weightage: 30

Part A (Short Answer Questions)

*Answer any **eight** questions.*

Weight 1 each.

1. Give an outline of classification proposed by Bessey.
2. Define monophyly and polyphyly
3. Comment on Cladistics.
4. Define taxonomic character.
5. Write a short note on Hortus Malabaricus.
6. Give an account of typification with examples.
7. What are the salient features of the family Oleaceae
8. Give the binomial of any two medicinally important plants belongs to Solanaceae
9. Write the botanical name and family of Coir, Cotton, White Damar and Gum Arabic.
10. Mention the medicinal properties of Greater galaga and Apple of Peru

(8×1=8 weightage)





Part B (Short Essay/Problems)

*Answer any **six** questions.*

Weight 2 each.

11. Describe intraspecific categories.
12. Explain the principles of indented keys and bracketed keys
13. Mention the importance of botanical gardens and explain BSI
14. Write a short essay on history of ICBN
15. Compare the families of Vitaceae and Sapindaceae
16. Describe the inflorescence types seen in Euphorbiaceae
17. Explain the salient features of Orchidaceae
18. Give a short note on the major pulses that are used as food.

(6×2=12 weightage)

Part C (Essay Type Questions)

*Answer any **two** questions.*

Weight 5 each.

19. Compare the conceptual basis of Bentham and Hooker's system of Classification with that of Engler and Prantl's System
20. Explain the floral characteristics of families of Gamopetalae that you have studied under Bentham and Hooker's system
21. Write an essay on the taxonomy and various products of the important plantation crops of Kerala.
22. Write an essay on the ethnobotanical significance of the common plants used by the important tribal people of Kerala.

(2×5=10 weightage)

