



QP CODE: 22000843



22000843

Reg No : .....

Name : .....

**M Sc DEGREE (CSS) EXAMINATION, APRIL 2022**

**Third Semester**

Faculty of Science

M Sc BOTANY

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

2019 ADMISSION ONWARDS

CA99968A

Time: 3 Hours

Weightage: 30

**Part A (Short Answer Questions)**

*Answer any **eight** questions.*

*Weight 1 each.*

1. What is artificial system of classification? Give an example.
2. Define taxon by giving example.
3. What is cluster analysis?
4. Write brief note on concept of character.
5. Define capitulum with diagram.
6. What is the contribution of Linnaeus in foundation on code of nomenclature?
7. Write brief note on cremocarp.
8. What is gynostegium?
9. What is fruit of *Elatteria cardamomum*.
10. Write the taxonomy of trees which are important for gums and resins.

(8×1=8 weightage)





**Part B (Short Essay/Problems)**

*Answer any **six** questions.*

*Weight **2** each.*

11. Explain primitive and advanced characters.
12. Write short note on important floras of Kerala.
13. What are the different steps involved in the preparation of Herbaria?
14. Explain ICN and its roles?
15. Compare the floral and vegetative characteristics of Malvaceae and Tiliaceae.
16. Compare the general characteristics of Rubiaceae and Asteraceae.
17. Compare the general features of Lamiaceae and Verbenaceae.
18. What are the medicinal importance of Chitraka(Plumbago), Serpentine, Aswagandha and Asafoetida.

(6×2=12 weightage)

**Part C (Essay Type Questions)**

*Answer any **two** questions.*

*Weight **5** each.*

19. Enumerate and discuss Bessy's system of classification. What are the merits and demerits?
20. Discuss the salient floral features of the following families; (i) Geraniaceae (ii) Euphorbiaceae (iii) Orchidaceae (iv) Poaceae
21. Write an essay on the taxonomy and economic importance of major food plants of Kerala.
22. Write an essay on importance of ethnobotanical studies with special reference to tribal people of Kerala.

(2×5=10 weightage)

