



23105210

QP CODE: 23105210

Reg No :

Name :

**B.Sc DEGREE (CBCS) REGULAR / REAPPEARANCE EXAMINATIONS,
MARCH 2023**

Sixth Semester

**CORE COURSE - BO6CRT11 - ANGIOSPERM MORPHOLOGY, TAXONOMY &
ECONOMIC BOTANY**

Common for B.Sc Botany Model I, B.Sc Botany Model II Food Microbiology, B.Sc Botany Model II
Environmental Monitoring And Management, B.Sc Botany Model II Horticulture and Nursery
Management, B.Sc Botany Model II Plant Biotechnology & B.Sc Botany and Biotechnology Model
III Double Main

2017 Admission Onwards

4E56B046

Time: 3 Hours

Max. Marks : 60

Part A

*Answer any **ten** questions.*

*Each question carries **1** mark.*

1. Name a plant having opposite phyllotaxy.
2. What is epigyny?
3. What is multiple fruit?
4. What is a taxon?
5. Give an example for artificial system of classification.
6. Who is proposed binomial system of classification?
7. What is meant by hemicyclic arrangement?
8. Write the binomials of any two plants of Lamiaceae.
9. What is resupination?
10. What is the morphology of useful part of Lady's finger?
11. Which family does Gingelly belong to?





12. Which family does Gum arabic belong to?

(10×1=10)

Part B

*Answer any **six** questions.*

*Each question carries **5** marks.*

13. Give evidences to prove that flower is a modified shoot.
14. Give an account on schizocarpic fruits.
15. Give an account on aggregate fruits.
16. Write a short note on APG System of classification.
17. What are herbaria? Mention its significance.
18. Explain the salient features of Rubiaceae.
19. Compare ray florets and disc florets of Asteraceae with suitable sketches.
20. Give the botanical name, family, morphology of useful part and uses of any two cereals.
21. Give the botanical name, family, morphology of useful part and uses of any two timber yielding plants

(6×5=30)

Part C

*Answer any **two** questions.*

*Each question carries **10** marks.*

22. What is a racemose inflorescence? Give a detailed account on racemose inflorescence.
23. Write an essay on the interdisciplinary approach in plant taxonomy.
24. With suitable sketches, explain the floral morphology in subfamilies of Leguminosae.
25. Give an outline on the scope and significance of ethnobotany? Give an account on the plants used by tribals and village folks as food and shelter.

(2×10=20)

