

QP CODE: 25020433



Reg No : .....  
Name : .....

**B.Sc DEGREE (CBCS) REGULAR / REAPPEARANCE / MERCY CHANCE  
EXAMINATIONS, FEBRUARY 2025  
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  
8B069502

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 hypogyny?
3. What is caryopsis?
4. Who is proposed hierarchial system of classification?
5. Give an example for pylogenetic system of classification.
6. What is isotype?
7. Mention the vegetative characters of Rubiaceae.
8. Comment on vegetative characters of Orchidaceae.
9. Comment on the vegetative characters of Poaceae.
10. Give the botanical name of Pepper?
11. What is the morphology of useful part of Gum arabic?
12. State any two uses of Tobacco.

(10×1=10)





### Part B

Answer any **six** questions.

Each question carries **5** marks.

13. Comment on the cohesion and adhesion of floral parts.
14. Give an account on placentation.
15. Give an account on special type of fruits mentioned in your syllabus.
16. Write a short note on APG System of classification.
17. What are herbaria? Mention its significance.
18. Mention the characteristic features of Nymphaeaceae.
19. Explain the floral characters of Convolvulaceae.
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 cymose inflorescence? Give a detailed account on Cymose inflorescence.
23. Describe the major steps involved in the preparation of herbarium sheets and mention its significance.
24. Write an essay on characteristic features of following family  
A) Asteraceae   B) Rubiaceae   C) Apocynaceae   D) Asclepiadaceae
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)

