



QP CODE: 20100451

Reg No :

Name :

BSc DEGREE (CBCS) EXAMINATION, MARCH 2020

Sixth Semester

**Core course - BO6CRT11 - ANGIOSPERM MORPHOLOGY, TAXONOMY &
ECONOMIC BOTANY**

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 Plant Biotechnology, B.Sc Botany and Biotechnology Model III Double Main, B.Sc Botany Model II Horticulture and Nursery Management

2017 Admission Onwards

E35E5FD7

Time: 3 Hours

Marks: 60

Part A

*Answer any **ten** questions.*

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

1. Name a plant having whorled phyllotaxy.
2. What is catkin?
3. What is multiple fruit?
4. What are the two basic components of biological classification?
5. Expand APG.
6. What is the standard size of a herbarium sheet?
7. What is hesperidium?
8. Comment on fruits in Leguminosae.
9. Comment on the vegetative characters of Poaceae.
10. To which family does Ragi belong?
11. State any two uses of Carrot.
12. Give the botanical name of Cardamom?

(10×1=10)



Part B

*Answer any **six** questions.*

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

13. Give an account on aestivation.
14. Comment on the cohesion and adhesion of floral parts.
15. Give an account on placentation.
16. Write a short note on plant nomenclature.
17. Write a short note on cytotaxonomy.
18. Explain the floral characters of Apocynaceae with suitable sketches.
19. Explain the floral characters of Asclepiadaceae with suitable sketches.
20. Give the botanical name, family, morphology of useful part and uses of any two beverages.
21. Give the botanical name, family, morphology of useful part and uses of any two insecticide yielding plants.

(6×5=30)

Part C

*Answer any **two** questions.*

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

22. Give an account on different types of simple fruits mentioned in your syllabus.
23. Give an account of Bentham and Hooker's system of Classification. Mention merits and demerits of the system.
24. Discuss on the salient features of following families
A) Malvaceae B) Rutaceae C) Cucurbitaceae D) Apiaceae
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)

