



24000675

QP CODE: 24000675

Reg No :

Name :

B.Sc DEGREE (CBCS) REGULAR / REAPPEARANCE EXAMINATIONS, MARCH 2024

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

4A7A25E5

Time: 3 Hours

Max. Marks : 60

Part A

*Answer any **ten** questions.*

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

1. What is phyllotaxy?
2. What is raceme?
3. Name the fruit developed from tricarpeal syncarpous ovary with parietal placentation.
4. Who is proposed hierarchical system of classification?
5. Who is the author of *Species Plantarum*?
6. Expand BSI.
7. What is pseudocarp?
8. What are staminodes?
9. Comment on the carpels of Orchidaceae.
10. Give any two uses of Green gram.
11. Which family does Banana belong to?
12. State any two uses of Gingelly.

(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 aestivation.
15. Give an account on placentation.
16. Write a short note on APG System of classification.
17. Write a short note on chemotaxonomy.
18. Comment on the primitive characters of Annonaceae.
19. Mention the characteristic features of Nymphaeaceae.
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 timber yielding plants.

(6×5=30)

Part C

Answer any **two** questions.

Each question carries **10** marks.

22. Give an illustrated account on cymose inflorescence.
23. Give an account of Bentham and Hooker's system of Classification. Mention merits and demerits of the system.
24. Write an essay on characteristic features of following family.
A) Asteraceae B) Rubiaceae C) Apocynaceae D) Asclepiadaceae
25. Give the botanical name, family, morphology of useful part and uses of vegetables mentioned in your syllabus.

(2×10=20)

