

QP CODE: 21101121



Reg No :

Name :

B.Sc DEGREE (CBCS) EXAMINATION, APRIL 2021

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

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Time: 3 Hours

Max. Marks : 60

Part A

*Answer any **ten** questions.*

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

1. Name a plant having whorled phyllotaxy.
2. What is perigyny?
3. What is schizocarpic fruit?
4. Who is called father of taxonomy?
5. What are the chromosomal characteristics used to solve the taxonomic issues?
6. Name any two herbaria of India.
7. What is meant by interpetiolar stipule?
8. Comment on disc floret of Asteraceae.
9. Name the binomial and family of Bacopa.
10. Give the botanical name of Carrot.
11. Which family does Tapioca belong to?
12. Which family does Clove belong to?

(10×1=10)

Part B

*Answer any **six** questions.*

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

13. Give an account on aestivation.





14. Give an account on placentation.
15. Give an account on aggregate fruits.
16. Write a short note on APG System of classification.
17. Write a short note on plant nomenclature.
18. Explain the floral characters of Convolvulaceae.
19. Discuss on salient features of Lamiaceae.
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 pulses.

(6×5=30)

Part C

Answer any two questions.

Each question carries 10 marks.

22. Give an illustrated account on racemose 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. What is ethnobotany? Give an account on the plants used by tribals and village folks as food and shelter.

(2×10=20)

