

TB246344Y

15-4

Reg. No :

Name :

BACHELOR'S DEGREE (C.B.C.S) EXAMINATION, MARCH 2024

2021 ADMISSIONS REGULAR

SEMESTER VI - CORE COURSE (BOTANY)

BO6B11B18 - Angiosperm Morphology, Taxonomy and Economic Botany

Time : 3 Hours

Maximum Marks : 60

Part A

I. Answer any Ten questions. Each question carries 1 mark

(10x1=10)

1. What is venation?
2. Define syngenesious stamen.
3. Describe diadelphous stamen.
4. What is obdiplostemonous androecium?
5. What is vasculum?
6. What are pollinia?
7. Name a plant with monadelphous stamen.
8. What are staminodes?
9. Give the binomial of Sapota.
10. What is gynostegium?
11. What is the binomial of Ragi?
12. Give the ethnobotanical significance of Corypha.



Part B

II. Answer any Six questions. Each question carries 5 marks

(6x5=30)

13. Write notes on different types of stamens based on the attachment of anthers.
14. Briefly describe fleshy fruits with examples.
15. Briefly explain the types of schizocarpic fruits with examples.
16. Explain binomial nomenclature.
17. Briefly describe the salient features of family Rubiaceae.
18. Describe the key characters of Lamiaceae.
19. Explain the economic importance of family Palmae.
20. Explain the binomial, family and morphology of useful parts of two oil yielding plants.
21. Give the ethnobotanical use of Bamboo.

Part C

III. Answer any Two questions. Each question carries 10 marks

(2x10=20)

22. Explain the different types of simple dry dehiscent fruits with suitable examples.
23. Give a detailed explanation of the natural system of plant classification studied by you. Highlight its merits and demerits.
24. Compare and contrast the sub families of Leguminosae.
25. Write the binomial, family, morphology of useful parts and uses of Sugarcane, Para rubber and Tapioca.