

TB213080V

Reg. No :

Name :

B. Sc. DEGREE (C.B.C.S) EXAMINATION, NOVEMBER 2022

(2021 Admissions Regular, 2020 Admissions Supplementary/Improvement, 2019 & 2018 Admissions Supplementary)

SEMESTER III - COMPLEMENTARY COURSE 2 (BOTANY)

(For Zoology)

BO3C01B18 - ANGIOSPERM 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 obdiplostemonous androecium?
2. Define umbel.
3. Define Hypogyny.
4. Name one major Herbaria.
5. What is the binomial of Soybean?
6. Mention any two characters used to identify Family Euphorbiaceae.
7. List out two plants belonging to the family Asteraceae.
8. Compare the useful parts of wheat and green gram.
9. Give the binomial of two ornamental plants.
10. Write the morphology of Cardamom.
11. Write the family name of Tea
12. Write the medicinal uses of Catharanthus.

Part B

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

(6x5=30)

13. Illustrate diplostemonous and obdiplostemonous condition of androecium.
14. What is phyllotaxy? Explain the types of Phyllotaxy?
15. Explain the different types of anther dehiscence with suitable examples.
16. Explain the demerits of Bentham and Hooker's classification.
17. Explain the economic importance of family Arecaceae. Mention the binomial and uses of any two plants coming under this family.
18. Describe the key characters of Annonaceae.
19. Write binomial, family and uses of two insecticide yielding plants.
20. Give the binomial, family and morphology of useful parts of two beverages you have to study.
21. Write the binomial, family and medicinal uses of Adhatoda.

Part C

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

(2x10=20)

22. What is cymose inflorescence? Explain the different types of cymose inflorescences with suitable examples.
23. What is plant classification? Describe different types of classification.

24. Compare the vegetative and floral characters of the three subfamilies of Leguminosae.
25. Briefly describe the economic importance of any two pulses and cereals. Give the binomial, family and morphology of useful part of it.