



QP CODE: 24027194



24027194

Reg No :

Name :

**B.Sc DEGREE (CBCS) REGULAR / IMPROVEMENT / REAPPEARANCE
EXAMINATIONS, OCTOBER 2024**

Third Semester

B.Sc Zoology Model I

**COMPLEMENTARY COURSE - BO3CMT03 - ANGIOSPERM TAXONOMY AND
ECONOMIC BOTANY**

2017 Admission Onwards

0E359436

Time: 3 Hours

Max. Marks : 60

Part A

*Answer any **ten** questions.*

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

1. What is a paripinnate leaf?
2. What is a spike inflorescence?
3. What is a regma?
4. What is an aggregate fruits?
5. What are the features of phylogenetic plant classification?
6. Name an angiosperm family with papilionaceous corolla.
7. What is petaloid sepal ?give example.
8. What is cypsela?
9. Name the characteristic inflorescence of family Euphorbiaceae.
10. Which are the fibre yielding parts in cotton and coir?
11. Write the botanical name of two timber yielding plants.
12. Write the botanical name and family of aloe.

(10×1=10)

Part B

*Answer any **six** questions.*

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





13. Comment on different types of cymose inflorescence.
14. Comment on the different types of placentation.
15. Write a short note on multiple fruit.
16. How members of polypetalae are different from gamopetalae?
17. What is obdiplostemonous condition?
18. List out the distinguishing characters of Apocynaceae family.
19. Write the botanical name, family, morphology of useful part, economic products and uses of rice and wheat.
20. Write the botanical name, family, morphology of useful part, economic products and uses of tapioca.
21. Write the botanical name, family, morphology of useful part, economic products and uses of neem and tobacco.

(6×5=30)

Part C

*Answer any **two** questions.*

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

22. Give an account on simple with suitable examples.
23. Describe the concepts in cytotaxonomy and chemotaxonomy. How the modern concepts in taxonomy is superior over artificial and natural system of classification?
24. Give the distinguishing characters, & economic importance of family Malvaceae.
25. Write an essay on medicinal plants. Write the botanical name, family, morphology of useful part and uses for each plant.

(2×10=20)

