

Name:Reg. No.....

BSC DEGREE END SEMESTER EXAMINATION – OCTOBER 2015**SEMESTER - 3: BOTANY (COMPLEMENTARY)****COURSE: U3CPBOT3: ANGIOSPERM TAXONOMY AND ECONOMIC BOTANY**

Time: Three Hours

Max. Marks: 60

PART AI. Answer **ALL** questions; each question carries **ONE** mark.

1. What is meant by monodelphous stamens?
2. Write the binomial of Rose wood.
3. Define epigyny with one example.
4. Give a diagnostic vegetative character of family Lamiaceae?
5. Write about the economic importance of cotton.
6. What is the use of vasculum?
7. Write the full form of ICBN.
8. Write binomial of any one economically important plant of the family Apocynaceae.

(1 x 8 = 8)

PART BII. Answer **ANY SIX** questions; each question carries **TWO** marks.

9. What is chemotaxonomy?
10. Write a note on the corolla of family Rubiaceae.
11. Distinguish between syncarpous and apocarpous nature of gynoecium.
12. Describe the androecium of Rutaceae.
13. How does a corymb differ from a spike?
14. Write a note on the fruit of Poaceae.
15. Write any two important floral characters of the family Mimosaceae.
16. What are the medicinal properties of Rauwolfia?
17. Describe gynoecium of Malvaceae.

(2 x 6 = 12)

PART CIII. Answer **ANY FOUR** questions; each question carries **FOUR** marks.

18. Give the binomial, family and morphology of useful part of teak and tea?
19. Give an account of the method of preparation of Herbarium

(PTO)

20. Write any four primitive characters of the family Annonaceae.
21. Explain the merits and demerits of Bentham and Hooker's system of classification.
22. What is placentation? Explain any three types of placentation with the help of diagrams.
23. Describe the economic importance of the groundnut.
24. Write a note on vexillary aestivation with the help of a diagram. (4 x 4 = 16)

PART D

IV. Answer **ANY TWO** questions; each question carries **TWELVE marks**.

25. Describe the various dry dehiscent fruits with suitable example.

OR

26. Give an account of plants that you have studied which produce biopesticides and spices with special reference to their binomial, family, morphology of useful parts and uses.

27. Describe the general characters of Caesalpiniaceae? Write the binomial of any four economically important plants belonging to this family.

OR

28. What are the important features of the family Euphorbiaceae with suitable example?

(12 x 2 = 24)
