

TB153090A

Reg. No:

Name:

B. Sc. DEGREE (C.B.C.S.S) EXAMINATION, OCTOBER, 2016
SEMESTER III - COMPLEMENTARY COURSE (BOTANY)
BO3C03TB- ANGIOSPERM TAXONOMY AND ECONOMIC BOTANY
(For ZOOLOGY)

Time: Three Hours

Maximum Marks: 60

PART A

I. Answer all questions. Each question carries 1 mark

1. Name the family with synnesious stamens.
2. What is a stylopodium?
3. Mention the fruit type of Poaceae.
4. What is the binomial of Wheat?
5. Give the name of a preservative used in Herbaria.

(5x1=5)

PART B

II. Answer any five questions. Each question carries 2 marks

6. Describe the inflorescence of Asteraceae.
7. Write the salient features of the family Annonaceae.
8. What is placentation. Mention different types.
9. Explain the aestivation of Caesalpinaceae.
10. Describe the androecium in Papilionaceae.
11. Write notes on ICBN.
12. Importance of Herbarium.
13. What is Cytotaxonomy?

(5x2=10)

PART C

III. Answer any five questions. Each question carries 5 marks

14. What is aestivation? Explain different types of aestivation with suitable examples.
15. With the help of suitable diagram explain the inflorescence of Euphobiaceae.
16. Explain the different systems of Classification.
17. Explain the economic importance of Apiaceae.
18. Compare and contrast Malvaceae and Rutaceae
19. Explain the different types of Cymose inflorescence.
20. Write the botanical name, family and morphology of usefull part and economic importance of three cereals and pulses.
21. Write the binomial, family and morphology of the useful part of three medicinal plants.

(5 x 5 =25)

PART D

IV. Answer any two questions. Each question carries 10 marks

22. Explain various types of simple fruits citing suitable examples
23. Describe the salient features of Poaceae. Mention the advanced characters of the family.
24. Explain Herbarium technique and its importance in taxonomy.
25. Explain with illustration the development of embryo in dicots.

(2x10 =20)