B. Sc. DEGREE END SEMESTER EXAMINATION- APRIL 2021

SEMESTER –6: BOTANY (CORE COURSE)

COURSE: **U6CRBOT11: ANGIOSPERMS MORPHOLOGY, SYSTEMATICS BOTANY & ECONOMIC BOTANY**

(For Supplementary - 2014 Admission)

Time: Three Hours   Max. Marks: 60

PART A

I. *Answer all questions. Each question carries 1 mark.*

1. What is zygomorphic flower?
2. What is floral formula?
3. What is a pollinium?
4. What is ICBN?
5. Write botanical names of two Insecticide yielding Plants
6. Write botanical name of two Cereals.
7. Write botanical names of two food plants used by tribals?
8. What is the characteristic feature of stigma of Apocynaceae family?

(1 x 8 = 8)

PART B

II. *Answer ANY SIX questions; each question carries 2 marks.*

9. What is Hypanthodium?
10. What is floral diagram?
11. What is a perigynous flower?
12. Describe the diagnostic features of the family Asclepiadaceae.
13. Name any four chemical constituents used in Chemotaxonomy?
14. Enumerate the diagnostic feature of the family Euphorbiaceae.
15. Enumerate the diagnostic features of the family Orchidaceae
16. Describe the essential whorls of Poaceae family
17. Give the binomial and family of two Oil yielding plants.
18. What is the significance of Ethnobotany?   (2 x 6 = 12)

PART C

III. *Answer ANY FOUR questions; each question carries 4 marks.*

19. Describe the different Placentation types with examples.
20. What are the distinguishing features between Ray Floret and Disc Floret ?
21. Write notes on Botanical gardens.
22. Write the botanical name and family of four Fruits
23. Differentiate between Verbenaceae and Lamiaceae
24. Describe the flower of Malvaceae   (4 x 4 = 16)

PART D

IV. *Answer ANY TWO questions; each question carries 12 marks*.

25. Write an essay on the racemose type of Inflorescence with suitable diagrams and examples.

OR

26. Write an essay on Herbarium techniques, uses and importance of herbarium

27. Write an essay on Bentham and Hooker's system of classification and its merits and demerits.

OR

28. Compare the floral characters of the families Fabaceae, Caesalpiniaceae and Mimosaceae   (12 x 2 = 24)

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