K22U 2284

Reg. No. : .....

Name : .....

V Semester B.Sc. Degree (CBCSS – OBE – Regular/Supplementary/ Improvement) Examination, November 2022
(2019 Admission Onwards)
CORE COURSE IN BOTANY/PLANT SCIENCE
5B06BOT/PLS : Angiosperm Systematics and Ethnobotany

Time : 3 Hours Max. Marks : 40

PART – A

(Objective Type Questions)

Answer **all**. **(4×1=4)**

1. The system of classification proposed by Engler and Prantl
   a) Artificial b) Phylogenetic
   c) Natural d) APG
2. Father of Indian Ethnobotany
   a) S. K. Jain b) J. K. Maheshwari
   c) V. N. Naik d) M. P. Nayar
3. Binomial of Arogyapacha
   a) *Bacopa monneiri* b) *Centella asiatica*
   c) *Trichopuszeylanicus* d) *Phyllanthus amarus*
4. Cyathium is the characteristic feature of
   a) *Phyllanthus* b) *Jatropha*
   c) *Ricinus* d) *Euphorbia*

PART – B

(Short Essay Questions)

Answer **any eight**. **(8×2=16)**

5. Give the binomial and family of Lotus.
6. Explain rule of priority.
7. Describe interpetiolar stipule.

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8. Explain the term traditional knowledge.
9. Give the binomial of two medicinal plants used by the tribes.
10. What is labellum ?
11. Describe the structure of pollinium.
12. Give the binomial and family of Brinjal.
13. Explain vexillary aestivation.
14. What is a taxonomic key ?
15. Distinguish between syngeny and synandry.
16. Comment on floras.

PART – C

(Essay Questions)

Answer **any four**. **(4×3=12)**

17. Explain the salient features of Annonaceae.
18. Give a brief account on ICN.
19. Write a brief note on type concept.
20. What is ethnobotany ? Mention its scope.
21. Enlist the major tribes of North Malabar.
22. Explain the economic importance of Cucurbitaceae.

PART – D

(Long Essay Questions)

Answer **any one**. **(8×1=8)**

23. Give an outline of Bentham and Hooker's system. Mention its major merits and demerits.
24. Describe the vegetative and floral characters of Asteraceae. Add a note on its economic importance.
25. Give the systematic position of Acanthaceae. Add a note on its floral characters and diagnostic features.

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