K25P 2866

Reg. No. : .....

Name : .....

III Semester M.Sc. Degree (C.B.C.S.S. – O.B.E. – Reg./Supple./Imp.) Examination, October 2025
(2023 Admission Onwards)
BOTANY
MSBOT03C12 : Angiosperm Systematics

Time : 3 Hours Max. Marks : 60

PART – A

Answer **any five** questions. **Each** question carries **3** marks.

1. Write a brief account on major and minor categories in taxonomy.
2. Distinguish between indented and bracketed keys.
3. Comment on the salient features of Caryophyllaceae.
4. Distinguish between allopatric and sympatric speciation.
5. Comment on the role of Botanical gardens in biodiversity conservation.
6. Give a brief account on scope and importance of Taxonomy. **(5×3=15)**

PART – B

Answer **any three** questions. **Each** question carries **6** marks.

7. Give a brief account on taxonomic literature.
8. Write an account on major contributions of J. D. Hooker.
9. Explain the diagnostic characters and economic importance of Sapindaceae.
10. Give a brief account on the types and evolution of carpels.
11. Write a brief account on major centres of taxonomy in India. **(3×6=18)**

P.T.O.

SIR SYED COLLEGE CENTRAL LIBRARY KANNUR UNIVERSITY

PART – C

Answer **any three** questions. **Each** question carries **9** marks.

12. Write an account on historical development of plant classification and classificatory systems.

13. Write an account on Botanical Survey of India, its major centres and functions.

14. Explain the role of Cytology in taxonomy.

15. Describe the vegetative and floral characters of Bignoniaceae. Add a note on its economic importance.

16. Write an account on DNA barcoding in plants. **(3×9=27)**

———————

SIR SYED COLLEGE
CENTRAL LIBRARY
KANNUR UNIVERSITY