

No. of Printed Pages : 1

Sl. No.

21BOT1C2L

M.Sc. I Semester Degree Examination, April/May - 2023

BOTANY

Systematics of Angiosperms

Time : 3 Hours

Maximum Marks : 70

Note : Answer **any five** of the following questions with question No. **1 (Q.1) Compulsory**, each question carries **equal** marks.

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|----|-----|--|----|
| 1. | (a) | Discuss Vascular Anatomy of the Flower. | 8 |
| | (b) | Explain Epidermal Tissue System. | 6 |
| 2. | (a) | Discuss species concept. | 8 |
| | (b) | Write principles of Taxonomy proposed by Hutchinson. | 6 |
| 3. | (a) | Role and activities of Botanical garden. | 10 |
| | (b) | Maintenance of herbarium. | 4 |
| 4. | (a) | Write general characteristics of family Lauraceae and its economic importance. | 10 |
| | (b) | Economic importance of Orchidaceae. | 4 |
| 5. | | Discuss the role of Chemotaxonomy and Molecular biology in Taxonomy. | 14 |
| 6. | (a) | Write a note on contribution of Carolus Linnaeus to plant Taxonomy. | 7 |
| | (b) | Give detailed account on Botanical Survey of India. | 7 |
| 7. | (a) | Discuss floral diagrams of Leguminosae family. | 7 |
| | (b) | Discuss the embryological characters in Taxonomy. | 7 |
| 8. | (a) | Discuss the principles of ICBN. | 10 |
| | (b) | Write note on RET species. | 4 |

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