

**Q.P. Code. 124005**

**Reg. No:.....**

**First Professional B.S.M.S Degree Supplementary Examinations  
March 2023**

**Maruthuva Thavara Iyal (Medicinal Botany and Pharmacognosy)**

**(2016 Scheme)**

**Time: 3 Hrs**

**Max. Mark: 100**

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

**Essays:**

**(2x10=20)**

1. Write a detailed note on family Malvaceae with diagram. List out five medicinal plants and its uses.
2. Explain the life cycle of Dryopteris. Add a note on medicinal importance of Pteridophytes.

**Short Notes:**

**(10x5=50)**

3. Outline Natural System of classification.
4. Transverse section of monocot root.
5. Ecological adaptations of halophytes.
6. Medicinally useful plants of Lamiaceae.
7. Indole alkaloid
8. Poisonous plants
9. Medicinally useful seeds.
10. Thallus structure of *Parmelia perlata*.
11. Salient features of Annonaceae.
12. What is resin. Write about oleo resins

**Answer Briefly:**

**(10x3=30)**

13. Agar - Agar.
14. Gynophore.
15. Hesperidium
16. Papilionaceous corolla
17. Stylopodium
18. Raphides
19. Collateral vascular bundles
20. Xanthophyll
21. Cyathium inflorescence
22. Medicinal uses of Gymnosperm

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