

**Q.P. Code. 124005**

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

**First Professional B.S.M.S Degree Supplementary Examinations  
March 2020**

**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. Compare the families Solanaceae and Acanthaceae with suitable diagram. Give the names of any three medicinally important plants belonging to these families and medicinal properties and chemical constituents.
2. Explain the life cycle of *Dryopteris filix mas* and medicinal properties of pteridophytes that you have studied

**Short Notes:**

**(10x5=50)**

3. Types of glycosides
4. Alkaloids and pharmacological action
5. *Penicillium* asexual reproduction
6. Medicinal uses of Zingiberaceae family plants
7. Reproductive characters of Liliaceae
8. Salient feature of Menispermaceae
9. Medicinal uses of flowers in Siddha medicine
10. Carposporophytic generation of *Gracillaria*
11. Medicinal uses of seed
12. Any three medicinal used plants of Apocynaceae

**Answer Briefly:**

**(10x3=30)**

13. Ergot
14. Agar-agar medicinal uses
15. Gynandrophore
16. Medicinal uses of white damars
17. Cladode and Phylloclade
18. Labellum
19. Adaptation of halophytic plants
20. What is Clestothecium
21. Medicinal uses of *Gloriosa superba*
22. Arrangement of Zygophyllaceae stamen

\*\*\*\*\*