

QP Code: 124005

Reg. No.....

First Professional B.S.M.S. Degree Examinations September 2018

Maruthuva Thavara Iyal (Medicinal Botany and Pharmacognosy)

(2016 Scheme)

Time: 3 Hours

Max. Marks: 100

- **Answer all Questions**
- **Draw Diagrams Wherever Necessary**

Essays:

(2x10=20)

1. Explain the diagnostic vegetative and reproductive characters of the family Acanthaceae with suitable diagrams.
2. Describe on adulteration in raw drugs and its detection methods.

Shorts Notes:

(10x5=50)

3. Transverse section of a Dicot stem.
4. Anthraquinone glycoside
5. Apothecium of Lichen
6. Medicinal uses of gymnosperm plants
7. Phytochemical production in tissue culture
8. Leaf adnation in solanaceae
9. Medicinally useful plants of Euphorbiaceae
10. Hydrophytes and their adaptive characters
11. Disc floret
12. Fixed oils

Answer Briefly:

(10x3=30)

13. Conidia
14. Field note book
15. Vivipary
16. Pollinium
17. Pod
18. Collateral vascular bundle
19. Oak gall
20. Turpentine
21. Anthocyanin
22. Gum Arabic
