

Q.P. Code. 124005

Reg. No:.....

**First Professional B.S.M.S Degree Regular/Supplementary Examinations
March 2021**

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. Natural system of classification
2. Explain fruits used as medicine

Short Notes:

(10x5=50)

3. Cystocarp
4. Glycosides
5. Essential oils.
6. Androphore and Gynophore with sketch.
7. Tissue culture techniques.
8. Hydrophytes.
9. Anatomy of dicot stem
10. Five medicinally important plants of family Fabaceae
11. Cyathium and Thyrsus inflorescence with sketch
12. Multiple and Aggregate fruits with example

Answer Briefly:

(10x3=30)

13. Sporangium with sketch - Dryopteris
14. Labellum with sketch
15. Axile placentation with sketch
16. Gums with examples
17. Androecium of Cucurbitaceae
18. Mucuna pruriens
19. Alternate and Ternate phyllotaxy with examples
20. Draw a labeled sketch of disc floret of an Asteraceae member.
21. Labeled sketches on Epigynous and hypogynous flowers
22. Asexual reproduction of Penicillium notatum
