

QP Code: 106008

Reg. No.:.....

**First B. Pharm (Ayurveda) Degree Regular/Supplementary Examinations
March 2023**

Pharmaceutical Biology

Time: 3 Hours

Max Marks: 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 diagrams wherever necessary*

Essay

(2x10=20)

1. Explain the salient features of Rutaceae family with special reference to medicinally important plants
2. Explain the general morphological and anatomical characters of; (a) Flowers (b) Seeds

Short Notes

(10x5=50)

3. Functions of Xylem and Phloem
4. Ectodermal outgrowth
5. Morphology of leaves
6. Trypanosoma
7. Plant Cell
8. Collenchyma
9. Zingiberaceae
10. Anatomy of root
11. Calcium oxalate crystals
12. Medicinally important animal excretory products

Answer Briefly

(10x3=30)

13. Isobilateral leaf
14. Coriander
15. Reptilia
16. Snails
17. Frogs and Toads
18. Plasmodium and Leishmania
19. Starch Grains
20. Arthropoda
21. Mimosae
22. Uses of medicinally important wood
