

**QP Code: 106008**

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

**First B. Pharm (Ayurveda) Degree Supplementary Examinations  
September 2022**

**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 structure of a plant cell with its important inclusions
2. Explain the general morphological and anatomical characters of;  
(a) Leaves (b) Roots

**Short Notes**

**(10x5=50)**

3. Salient features of Umbelliferae family
4. Functions of parenchyma
5. Skin products
6. Parasitic Nematodes
7. Dicot stem
8. Salient features of Malvaceae
9. Fish oil
10. Coprophagia.
11. Malarial parasite
12. Snake and snake venom

**Answer Briefly**

**(10x3=30)**

13. Phloem
14. Ginger
15. Aves
16. Medicinally important fruits
17. Stomata
18. Sponges
19. Leach
20. Caesalpinaceae
21. Fennel
22. Glandular secretions

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