

QP Code: 106008

Reg. No.:.....

**First B.Pharm (Ayurveda) Degree Supplementary Examinations
April 2018**

PHARMACEUTICAL BIOLOGY

Time: 3 Hours

Max Marks: 100

- Answer all questions
- Draw diagrams wherever necessary

Essay

(2x10=20)

1. Explain the structure of a typical plant cell and explain various cell inclusions.
2. Enumerate the importance of different species of animals as a source of drug in ayurveda

Short Notes

(10x5=50)

3. General morphological features of leaves
4. Plant taxonomy
5. Various fractures in barks
6. Source, constituents and uses of any two medicinal plants from apocynaceae
7. Skin products
8. Root modifications
9. Excretory products as medicine from animals
10. Classification of fruits
11. Taxonomical characters of compositae
12. Snails

Answer Briefly

(10x3=30)

13. Inflorescence in flowers
14. Sub families of leguminosae
15. Functions of parenchyma
16. General anatomical characters dicot root
17. Trichomes
18. Invertebrates.
19. Mollusca
20. Coelenterates
21. Snake and snake venom.
22. Calcium oxalate crystals
