

QP Code: 106008

Reg.No.:

First B.Pharm (Ayurveda) Degree Examinations, October 2014

PHARMACEUTICAL BIOLOGY

Time: 3 Hours

Max Marks: 100

- Answer all questions
- Draw diagrams wherever necessary

Essay

(2x10=20)

1. Draw a neat labeled diagram of plant cell and explain the various organelles present in it
2. Explain the salient features of phylum arthropoda. Add a note on organ products as a raw material of drugs of animal origin

Short Notes

(10x5=50)

3. Explain the differences between tap root and adventitious root
4. Stomata
5. Vascular bundles
6. Ciliate
7. Define fleshy fruit. Classify them with examples
8. Explain the salient features of compositae family
9. Explain the symptoms, incubation period, and control of malaria
10. Explain the features and medicinal importance of class reptilia
11. Porifera
12. Describe various stem modifications with examples

Answer Briefly

(10x3=30)

13. Dehiscent capsular fruits
14. Leaf and leaflet
15. Animal secretions
16. Mention the medicinal uses of leach
17. Bee dances
18. Cuttle fish
19. Corals
20. Bark
21. Differentiate between calcium oxalate and calcium carbonate crystals
22. Floral formula
