

First B.Pharm (Ayurveda) Degree Examinations, October 2013

PHARMACEUTICAL BIOLOGY

Time: 3 Hours

Max Marks: 100

- Answer all questions
- Draw diagrams wherever necessary

Essay

(2x10=20)

1. Explain the life cycle of malarial parasite with the help of a neat labeled diagram.
2. Explain the aerial and sub aerial modifications of stem with suitable examples.

Short Notes

(10x5=50)

3. Explain the differences between simple leaves and compound leaves.
4. Organ products as a raw material of drugs of animal origin.
5. Define fleshy fruits, classify them with examples.
6. Explain the medicinal importance of class reptilia.
7. Venation.
8. Reproduction in sponge.
9. Define root, explain taproot modification.
10. Leishmania
11. Bark
12. Unique features of phylum mollusca

Answer Briefly

(10x3=30)

13. Seedless fruits.
14. Parasite
15. Floral formula.
16. Leech
17. Differentiate between alternate and opposite phyllotaxy.
18. Amastigote and promastigote.
19. Hypogynous and perigynous flower.
20. Sclerenchyma and collenchyma.
21. Snail.
22. Endosperm.
