

Second Year B.Pharm (Ayurveda) Degree Examinations, October 2014

Pharmacognosy

Time: 3 Hours

Total Marks: 100

- Answer all questions.

Essays:

(2x10=20)

1. Explain polyploidy, mutation and hybridization with reference to medicinal plants
2. Describe in detail about plant growth regulator

Answer briefly:

(10x5=50)

3. Mention the pharmacognostic study of benzoin, with special reference to its identification
4. Method of preparation of volatile oil of eucalyptus
5. Classify resins with examples and add a note on its isolation
6. Mention the phytochemical screening of tannins
7. Flavanoids and add a note on the phytochemical screening
8. Plant and animal fibers
9. Chemical tests for alkaloids
10. Preparation of cocoa butter and its uses
11. Distinguish between gums and mucilage; mention the chemical tests on carbohydrates
12. Sources and preparation of animal fiber, wool

Short notes:

(10x3=30)

13. Sources, chemical constituent and uses of podophyllum
14. Factors influencing cultivation of medicinal plants
15. What are quills and mention the pharmacognostic detail on cinnamon
16. Biological source, chemical constituents and uses of lemon grass
17. Cod liver oil
18. Kaolin
19. Phytochemical screening of fats and fixed oils
20. Volatile contents of coriander with its source and uses
21. What are the methods for the preparation of extracts
22. Asbestose
