

**Second B.Pharm (Ayurveda) Degree Supplementary Examinations,
April 2014**

Pharmacognosy

Time: 3 Hours

Total Marks: 100

- Answer all questions.

Essays:

(2x10=20)

1. Describe about phytochemical screening. Discuss in detail about the screening of alkaloids, saponins and cyanogenetic glycosides
2. Explain how the crude drugs are classified. Describe in detail about the chemical and pharmacological classification of crude drugs

Answer briefly:

(10x5=50)

3. Plant tissue culture as a source of drug
4. Biological source and the preparation of cotton
5. Different techniques followed for the pest management
6. Discuss about ispagol and add a note chemical test to confirm it.
7. What are resins and add a note on colophony
8. Classify tannins and add a note on gall
9. Kaolin
10. What are volatile oils and add a note on the methods used to extract volatile oil
11. Mention about clove with special reference to the adulterants
12. Life cycle of mosquito

Short notes:

(10x3=30)

13. Biological source and preparation of yellow bees wax
14. Pharmacognosy of Pectin
15. Shark liver oil
16. Saponin glycosides
17. Bentonite with special reference to its pharmaceutical aid
18. Fiehe's test
19. Biological source, chemical constituent and uses of turmeric
20. Source, preparation and uses of gelatin
21. White mineral oil
22. Biological source, chemical constituents and uses of ginger
