

First Year B.Pharm Degree Supplementary Examinations , April 2015

(2010 - Scheme)

PHARMACOGNOSY - I

Time: 3 Hours

Total Marks: 100

- Answer all Questions.

Essay

(3x10=30)

1. Explain the various systems of classification of drugs of natural origin.
2. Explain the pharmacognosy of agar and castor oil in detail
3. Discuss the general methods of extraction of volatile oils from plants. Add a note on general identification tests for volatile oils.

Short notes

(14x5=70)

4. Define pharmacognosy and discuss its current scope.
5. Explain the basic methods used in preparation of plant materials for microscopic examination.
6. Briefly describe tissue culture as a source of drugs.
7. List five important diagnostic characters to identify family umbelliferae and also mention names of two plants in this family.
8. List the different types of soils. Explain its importance in the cultivation of medicinal plants.
9. Pharmacognostic note on colophony.
10. Mention the source, chemical constituents and uses of myrobalan and bahera.
11. Differentiate between cod liver oil and shark liver oil.
12. Explain the chemical tests for cotton.
13. Natural colors.
14. List the chemical constituents of coriander and ginger.
15. Explain the uses of bentonite, kaolin and diatomite.
16. Mention the biological sources of cochineal, cantharides and shellac.
17. Hybridization with reference to medicinal plants.
