

First Year B.Pharm Degree Supplementary Examinations - March 2014

**(2010 - Scheme)**

**PHARMACOGNOSY - I**

**Time: 3 Hours**

**Total Marks: 100**

- Answer all Questions.
- Draw equations wherever necessary.

**Essay**

**(3x10=30)**

1. Discuss the various factors affecting cultivation of medicinal plants.
2. Define lipids. Explain in brief the pharmacognosy of any one lipid containing drug.
3. Explain taxonomy of apocyanaceae family.

**Short notes**

**(14x5=70)**

4. Storage of crude drugs.
5. Name a crude drug belonging to leguminosae family and mention the source, constituents and uses of it.
6. What are plant growth regulators and briefly explain auxins
7. Mention the source, chemical constituents and uses of podophyllum.
8. Explain the different methods of propagation of medicinal plants.
9. Describe a natural fibre obtained from animal source used in pharmacy.
10. List the official source, constituents and uses of any two pharmaceutical aids
11. Pharmacognostic account of starch.
12. Explain the alphabetical classification of crude drugs.
13. Explain a tannin containing drug.
14. Describe the chemical nature and chemical tests for volatile oils.
15. Describe the morphological characters of two fruit drugs belonging to umbelliferae.
16. Explain briefly the chemical tests for identification of acacia and tragacanth.
17. Briefly explain the various fertilizers used for cultivation of medicinal plants.

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