

First Year B.Pharm Degree Supplementary Examinations - August 2014

**(2010 - Scheme)**

**PHARMACOGNOSY - I**

**Time: 3 Hours**

**Total Marks: 100**

- Answer all Questions.

**Essay**

**(3x10=30)**

1. Explain the factors influencing cultivation of medicinal plants.
2. Discuss the family apocynaceae with reference to medicinally important plants.
3. Explain the special staining techniques for various cell constituents including chromosomes.

**Short notes**

**(14x5=70)**

4. Herbal pharmacopoeias.
5. Explain pharmacological classification of drugs of natural origin.
6. Drugs of marine origin.
7. Discuss the role of pest management in the cultivation of crude drugs.
8. Differentiate acacia and tragacanth.
9. Mention the source, chemical constituents and uses of castor oil
10. List the biological source of podophyllum, cannabis and capsicum.
11. List the chemical constituents of myrrh, catechu and mentha.
12. Mention the uses of asafoetida and turmeric.
13. Pharmacognostic note on honey.
14. Explain the chemical tests for wool and silk.
15. What are the general properties and chemical nature of volatile oils.
16. Polyploidy with reference to medicinal plants.
17. Storage of crude drugs.

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