

PY - 204

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B.Pharmacy II Semester

Examination, June 2015

Pharmacognosy - I

Time : Three Hours

Maximum Marks : 70

Note: i) Answer five questions. In each question part A, B, C is compulsory and D part has internal choice.

ii) All parts of each questions are to be attempted at one place.

iii) All questions carry equal marks, out of which part A and B (Max.50 words) carry 2 marks, part C (Max.100 words) carry 3 marks, part D (Max.400 words) carry 7 marks.

iv) Except numericals, Derivation, Design and Drawing etc.

1. a) Describe biological sources of Tulsi and Garlic
- b) Explain specific characters of member plants of leguminosae family with suitable examples.
- c) Discuss history and scope of pharmacognosy with recent development.
- d) Explain various sources of crude drugs with suitable examples and describe various methods of classification.

OR

What is Traditional and alternative systems of medicines? Explain in detail the concept of Tridosha and its importance in therapeutics.

2. a) Give types of manures used in cultivation of medicinal plants.
- b) Explain various types of drying procedures used for medicinal herbs.
- c) Give an exhaustive note on storage of crude drugs.
- d) Discuss in detail effects of climate and altitude on cultivation of medicinal plants.

OR

- How soil conditions affects growth of medicinal plants? Explain various types of soils suitable for cultivation of medicinal plants.

3. a) What is pest control?
- b) Enlist natural agents used for pest control.
- c) Give an exhaustive note on safety and toxicity of pest control agents.
- d) Describe in detail various methods of pest control with suitable examples.

OR

Explain in detail advantages and disadvantages of chemical pest control.

4. a) What is quality control of crude drugs?
- b) Explain various organoleptic characters found in crude drugs.
- c) Describe in detail types of adulteration of crude drugs.
- d) What is quantitative microscopy? Explain method of determination of stomatal index and vein termination numbers.

OR

Give an exhaustive note on systematic evaluation of crude drugs with microscopic and chemical methods.

5. a) Give biological sources of Isabgol and Beeswax.
- b) Explain various properties of Honey.
- c) What is pharmaceutical aids? Give an exhaustive note on Gelatin and its importance in pharmaceuticals.
- d) Explain systematic pharmacognosy of podophyllum and Ginger.

OR

Describe in detail pharmacognostic profile of Asafoetida and scutellaria.