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Roll No.....

**PY-204****B.Pharmacy II Semester**

Examination, June 2017

**Pharmacognosy - I****Time : Three Hours****Maximum Marks : 70****Note:** Attempt any five questions. All questions carry equal marks.

1. What is modern Pharmacognosy? Describe the history and scope of pharmacognosy.
2. Discuss in detail the systematic pharmacognostic profile of one medicinal plant of Labiatae family.
3. Give the biological source, chemical constituents, qualitative chemical tests and therapeutic uses of following;
  - a) Agar
  - b) Tragacanth
  - c) Sterculia
  - d) Myrobalan
4. Describe the biological sources, preparation, properties identification tests and uses of the following;
  - a) Cocoa butter
  - b) Beeswax
  - c) Wool fat
  - d) Carnauba wax

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5. Give the biological source, identification characters and therapeutic uses of following;
  - a) Podophyllum
  - b) Colophony
  - c) Pale Catechu
  - d) Asafoetida
6. Discuss in detail various methods of natural pest control.
7. Explain in detail various types of adulteration and their evaluation methods with suitable examples.
8. Write exhaustive notes on any two of following;
  - a) Quantitative microscopy and its applications
  - b) Quality control parameters for crude drugs
  - c) Factors affecting cultivation of medicinal plants.

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