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**PY-117****B.Pharmacy, II Semester (Non-PCI Scheme)**

Examination, June 2017

**Choice Based Credit System (CBCS)****Pharmacognosy - I***Time : Three Hours**Maximum Marks : 60*

- Note:* i) Attempt any five questions.  
ii) All questions carry equal marks.

1. Explain in detail the developmental history of pharmacognosy. Describe the classification of crude drugs with suitable examples.
2. Discuss in detail various exogenous and endogenous factors affecting production of crude drugs with special reference to the environmental conditions.
3. What is Quality control? Describe in detail the procedure of biological evaluation of crude drugs with suitable examples.
4. What is Quantitative Microscopy? Giving suitable examples describe the procedure for quantitative evaluation of crude drugs.

[2]

5. Give the biological sources, chemical constituents and pharmaceutical uses of following;
  - a) Honey
  - b) Tragacanth
  - c) Plantago
  - d) Agar
6. Give the biological sources, chemical constituents, chemical tests and pharmaceutical uses of following;
  - a) Ginger
  - b) Ashoka
  - c) Arjuna
  - d) Benzoin
7. Differentiate between Asvas and Aristhas. Describe the basic concept of Ayurvedic system of medicine.
8. Write exhaustive notes on any two of the following;
  - a) Brahmi and its pharmacognostic profile
  - b) Natural pest control agents
  - c) Primary factors of deterioration of stored crude drugs

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