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Roll No :

PY-603 (CBGS)**B.Pharm., VI Semester (Non-PCI Scheme)**

Examination, May 2018

Choice Based Grading System (CBGS)**Herbal Drug Technology***Time : Three Hours**Maximum Marks : 75*

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

1. What do you mean by Biopesticides? Give suitable examples. Discuss the role of GAP in cultivation of medicinal herbs.
2. Define Aristas. What are the steps involved in preparation and standardization of Churna.
3. Differentiate between Nutraceuticals and functional food. Discuss the health benefits of nutraceuticals in diabetes and GIT disorders.
4. Discuss the side effects and interactions of Hypercium, Ginseng, Pepper and Ephedra.
5. Give two examples each of colorants, sweeteners, disintegrants and viscosity builders of herbal origin. Write an exhaustive note on Phytosomes.

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6. Define IPR. What are its components? Give the requirements for stability testing of herbal drugs as per ICH guidelines.
7. Enumerate the parameters for evaluation of crude drugs as per WHO guidelines. Discuss Schedule Z of Drugs and Cosmetics Act for ASU drugs.
8. What are the objectives of GMP? Enumerate the components of GMP. Discuss the future scope of plant based industries and institutions on medicinal and aromatic plants in India.

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