**B. Pharm 6th Semester Examination**

**Subject- Herbal Drug Technology (BP603T)**

 **Full Marks- 75 Time – 3 hours**

 **Answer all the questions.**

**1. Answer all (10x2=20)**

(a) Why the crude drugs are dried before storage?

(b) What do you mean by crop rotation?

(c) Name the three types of ‘Doshas’ according to Ayurveda.

(d) Name the three different scales for preparation of potencies of Homeopathic medications.

(e) What are the health benefits of Honey?

(f) What are the possible side effects of Kava-Kava?

(g) Give examples of bleaching agents used in herbal cosmetics.

(h) Give examples of plant -based natural sweeteners.

(i) What is the role of markers during stability testing of herbal drugs?

(j) What is ASU DTAB?

**2. Answer any two questions. (2x10=20)**

(a) Discuss the general aspects, market, growth and scope of Nutraceuticals. Give the health benefits and role of Nutraceuticals in CVS diseases.

(b) Describe the preparation of skin care and hair care cosmetics by using raw materials of herbal origin.

(c) Describe the present scope and future prospects of herbal drugs industry. Give a brief account of plant-based industries and institutions in India.

 **3. Answer any seven questions. (7x5=35)**

(a) Discuss the biological methods of pest management.

(b) Discuss the basic principles involved in Unani system of medicine.

(c) Give the method of preparation of Lehyas.

(d) Discuss the beneficial role of herbal dietary supplements in management of diabetes.

(e) Discuss the possible interactions of Garlic.

(f) Give the ideal properties of a colourant.

(g) Discuss the preparation of tablets.

(h) Give a brief account on assessment of quality of herbal drugs as per the WHO and ICH guidelines.

(i) Write the objectives of Good Manufacturing Practice of Indian Systems of Medicine (Schedule-T).