

Shree H. N. Shukla Institute of Pharmaceutical Education and Research
B. PHARM. – SEMESTER -6– • EXAMINATION – SUMMER -2021

Subject Code:BP603TP**Date:3-4-21****Subject Name: Herbal Drug Technology****Time:10:30 to 1:30****Total Marks: 100****Instructions:**

1. Attempt all questions are compulsory.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.

- Q.1** (a) Write a note on Biopesticide and mention their advantage. **06**
- (b) What is herb and herbal medicinal product? explain steps involved selection identification and processing of herbal raw materials. **05**
- (c) Write note on Biodynamic agriculture. **05**
- Q.2** (a) What is *Bhasma*? Describe in detail method of preparation of *Bhasma*. Describe quality control parameters for *Bhasma*. In which condition *Bhasma* is required to be prescribed. **05**
- (b) Discuss the different methods used for the pest control. Write essential of a good pesticides. **05**
- (c) Name different traditional systems of medicine. Describe holistic concept of drug administration in these systems. **05**
- Q.3** (a) Define and classify the Nutraceuticals. **06**
- (b) Define the term – Patent, Bio prospecting, Farmer right, breeder's right and Biopiracy **05**
- (c) Discuss about requirement of infrastructure, staff and equipments for herbal drug industry. **05**
- Q.4** (a) Explain in detail about herbal phytosomes and Neutraceuticals **06**
- (b) Write a note on patenting aspects of Traditional Knowledge and Natural Products with reference to turmeric and Neem. **05**
- (c) Explain in detail about herbal phytosomes as a noval dosage form. **05**
- Q.5** (a) Give the detailed note on plant antioxidant in different herbal product. **06**
- (b) Enlist various government institutions / industries involved in work of medicinal plants in India and write a note on any five Government institutions / industries **05**
- (c) Enlist various herbal formulations available in market and explain in detail about herbal syrup **05**
- Q. 6** (a) Enlist various herbal excipients and describe in detail about flavours and perfumes **05**
- (b) Enlist various herbal formulations available in market and explain in detail about herbal syrup **05**
- Q.7** (a) Define and classify the herbal cosmetics. Write in details pharmacognosy of any two plants used for skin cosmetics **05**
- (b) Discuss the drug –food interaction and herbal-Drug interection with suitable examples **05**