

GUJARAT TECHNOLOGICAL UNIVERSITY
B. Pharm. – SEMESTER – VIII • EXAMINATION – SUMMER • 2014

Subject Code: 280005

Date: 29-05-2014

Subject Name: Pharmacognosy-VII (Herbal Formulations and Complimentary Therapies)

Time: 10:30 am - 01:30 pm

Total Marks: 80

Instructions:

1. Attempt any five questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.

- Q.1** (a) Enumerate various traditional system of medicines. Discuss holistic concept of treatment in Ayurveda. **06**
(b) Classify ayurvedic dosage form. Define kwath and describe its standardization parameters. **05**
(c) Describe in detail the pharmacognostic profile of Shirish bark. **05**
- Q.2** (a) Write a short note on usefulness of chromatographic techniques in screening of herbal drugs. **06**
(b) Give the source, utilization, production, industries associated and estimation of Tropane alkaloids. **05**
(c) Write down biological source, chemical constituents, identification test and uses of Vaj and Vidang. **05**
- Q.3** (a) Write a brief note on poisonous plants of India. **06**
(b) Write down the biological source, chemical constituents, uses and formulation of Pterocarpus and Kantakari. **05**
(c) Define Bhasma. Write down its preparation and enlist the standardization parameters of it. **05**
- Q.4** (a) Give the source, utilization, production, industries associated and estimation of diosgenin and podophyllotoxin. **06**
(b) Write a brief note on phytopharmaceutical evaluation methods used in screening of herbal drugs. **05**
(c) Describe in detail two Piper species used medicinally. **05**
- Q.5** (a) What is gutika? Discuss standardization parameters of the same. **06**
(b) Give the source, utilization, production and industries associated of vetiver oil and lemongrass oil. **05**
(c) Write detailed pharmacognosy of Nagod leaf. **05**
- Q. 6** (a) Give a brief account on any two of the following: **06**
 1. Karanj 2. Palash 3. Majith
(b) What are Ghrita and Taila? How do they differ? Describe the standardization parameters of the same. **05**
(c) Give the source, utilization, production and industries associated of mentha oil and geranium oil. **05**
- Q.7** (a) Give the source, utilization, production, industries associated and estimation of vincristine and Calcium sennoside. **06**
(b) Enlist the traditional drugs used as antiatherosclerotic agents. Write a detailed note on any one of them. **05**
(c) Give difference between Asava and Arishta. **05**
