

Seat No.: \_\_\_\_\_

Enrolment No. \_\_\_\_\_

**GUJARAT TECHNOLOGICAL UNIVERSITY**  
**B. Pharm. – SEMESTER – VIII • EXAMINATION – WINTER • 2016**

**Subject Code: 280005**

**Date: 30-11-2016**

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

**Time: 02:30 pm - 05:30 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) Describe method of preparation of Lehya. How method of preparation of Lehya differs from Ghrita and why? Explain importance of Lehya as a formulation. **06**
- (b) Describe method of preparation of Taila. Describe evaluation methods for Taila. **05**
- (c) Describe method of preparation of Gutika. Discuss merits and demerits of Gutika as a formulation. **05**
- Q.2** (a) Discuss holistic concept of drug administration in traditional system of medicine. **06**
- (b) Describe method of preparation of Asavas. Discuss importance of Asavas as a formulation. **05**
- (c) Write note on Kantakari. **05**
- Q.3** (a) Describe different modern analytical techniques for screening of herbal drugs. **06**
- (b) Describe briefly phytopharmaceutical evaluation? **05**
- (c) Write a note on Poisonous plants. **05**
- Q.4** (a) Give sources, production, estimation, and utilisation of vincristine. **06**
- (b) Give sources, production, estimation, and utilisation of podophyllotoxin. **05**
- (c) Give sources, production, estimation, and utilisation of atropine. **05**
- Q.5** (a) Give sources, production, estimation, and utilisation of lemongrass oil. **06**
- (b) Give sources, production, estimation, and utilisation of vetiver oil. **05**
- (c) Give sources, production, estimation, and utilisation of diosgenin. **05**
- Q. 6** (a) Describe sources, morphology, active constituents and main medicinal use of Majith. Give name of a popular formulation where it is used as one of the ingredient, give uses of the formulation. **06**
- (b) Describe sources, morphology, microscopy, active constituents and main medicinal uses of vaj. **05**
- (c) Write a note on palash. **05**
- Q.7** (a) Give botanical sources, active constituents and uses of (a) Baheda (b) Vidang (c) Pterocarpus. **06**
- (b) Describe sources, morphology, active constituents and main medicinal use of Bhilama. **05**
- (c) Describe sources, family, active constituents and uses of (a) Shirish (b) Karanj **05**

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