

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

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

**GUJARAT TECHNOLOGICAL UNIVERSITY**  
**B. Pharm. – SEMESTER – VII • EXAMINATION – SUMMER 2013**

**Subject Code: 270005**

**Date: 25-05-2013**

**Subject Name: Pharmacognosy- VI (Herbal Drug Technology)**

**Time: 02.30 am - 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 in details antimicrobial compounds obtained from marine source. **06**  
(b) Give the Pharmacognostic account of Ashoka. **05**  
(c) Write a short note on herbicides. **05**
- Q.2** (a) Discuss the controversial sources of Rasna. **06**  
(b) Write a note on HPTLC and its significance in the evaluation of herbal drugs **05**  
(c) Write a note on natural contact insecticides. **05**
- Q.3** (a) Write in details of photo sensitizing agents. **06**  
(b) Write a note on role of herbs in cosmetics with examples. **05**  
(c) Give the detailed microscopy of neem. **05**
- Q.4** (a) Write a note on skin care herbal cosmetics with examples. **06**  
(b) Give the Pharmacognosy of Guggul. **05**  
(c) Give the significance of chemotaxonomy of medicinal plants. **05**
- Q.5** (a) Discuss the controversial sources of Brahmi. **06**  
(b) Write about the plant bitters. **05**  
(c) Give the classification of pesticides. **05**
- Q. 6** (a) Give the chemotaxonomy of Flavonoids. **06**  
(b) What is an allergy? Classify the allergens with examples. **05**  
(c) Write a note on shankpushpi. **05**
- Q.7** (a) Write short notes on marine toxins. **06**  
(b) Write a note on column chromatography and its application. **05**  
(c) Give the Pharmacognostic account of gokhru. **05**

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