

Seat No.: _____

Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY
B.PHARM – SEMESTER – 8- EXAMINATION – WINTER - 2018

Subject Code: 280005**Date: 26/11/2018****Subject Name: Pharmacognosy VII (Herbal Formulations & Complimentary Therapies)****Time: 02:30 PM TO 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) Write details Pharmacognosy of Kantakari. **06**
(b) Write a note on Nagod. **05**
(c) Describe sources, species, family, active constituents and uses of Piper and Baheda **05**
- Q.2** (a) Describe the details pharmacognosy of Tylophora. **06**
(b) Describe source, morphology and microscopy, active chemical constituents and used of Karanj and Vaj. **05**
(c) Discuss sources, utilization, production and estimation of calcium sennoside. **05**
- Q.3** (a) Discuss sources, methods of Production and utilization of Diosgenin. **06**
(b) Explain the methods of production, estimation and utilization of Mentha oil. **05**
(c) Write a brief note on Palash. **05**
- Q.4** (a) Write Basic Principles of Chromatography. Give the details classification of Chromatography. **06**
(b) Explain in details WHO guidelines for screening of herbal drugs. **05**
(c) Discuss in detail about the preparation of Triphala Churna. **05**
- Q.5** (a) Write the general method of extraction process of Tropane alkaloid. **06**
(b) Discuss the sources, chemical structure and chemical test for Quinine. **05**
(c) Write a note on poisonous plants. **05**
- Q. 6** (a) Describe the Traditional system of Medicine. **06**
(b) Write a note on Garlic. **05**
(c) Give the Biological sources, chemical constituents and uses of vetiver oil and Geranium oil. **05**
- Q.7** (a) Describe the method of preparation of Asava. Explain importance of Asava as a formulation. **06**
(b) How Gutika are prepared? Discuss its merits and demerits of it. **05**
(c) What is Bhasma? Discuss its purification methods. **05**
