

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.**

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| 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 Principales 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 |
