

GUJARAT TECHNOLOGICAL UNIVERSITY
B.PHARM.-SEMESTER-VIII- EXAMINATION –SUMMER-2017

Subject Code: 280005

Date: 06/05/2017

Subject Name: Pharmacognosy VII (Herbal Formulations & Complimentary Therapies)

Time: 10:30 AM to 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.

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|-------------|---|-----------|
| Q.1 | (a) Describe the traditional systems of medicine. | 06 |
| | (b) Explain the preparation and characteristics of Bhasma. | 05 |
| | (c) Write in short the sources, production and utilization of geranium oil. | 05 |
| Q.2 | (a) What is Arka? Give the method of preparation and characteristics of arka. | 06 |
| | (b) Give the sources, morphology, chemistry and uses of a tunicated bulb covered in your syllabus. | 05 |
| | (c) Enlist any five poisonous plants with their poisoning symptoms and treatment. | 05 |
| Q.3 | (a) Write the basic principles of chromatography. Give the classification of chromatography. | 06 |
| | (b) Explain the WHO guidelines for screening of herbal drugs. | 05 |
| | (c) Enlist the U.V. Visible spectroscopy based on absorption principle. Explain any one of them. | 05 |
| Q.4 | (a) Enumerate the anticancer drugs with their sources and utilization. | 06 |
| | (b) Discuss the production and estimation of any one phytoconstituents having anticancer properties. | 05 |
| | (c) Describe the preparation of kwath. Give the differences between kwath and churna. | 05 |
| Q.5 | (a) Mention the antidiabetic drugs with their sources. Explain the chemical constituents and market formulations of any one drug. | 06 |
| | (b) Explain the toxic constituents of plants as per their chemical nature. | 05 |
| | (c) Write in short the Pharmacognosy of Kantkari. | 05 |
| Q. 6 | (a) Narrate in brief the sources, constituents and morphological characters of bioavailability enhancer drug. | 06 |
| | (b) Enlist the government institutions involved in the work of medicinal and aromatic plants in India. | 05 |
| | (c) Explain in short the Pharmacognosy of anti-asthmatic drug. | 05 |
| Q.7 | (a) Write the sources, chemical constituents and market formulations of Palash and Nagod. | 06 |
| | (b) Give the sources, indigenous and pharmacological uses of Vetiver oil. | 05 |
| | (c) Narrate in brief the preparation and standardization of Triphala churna. | 05 |
