Seat No.:	Enrolment No.

## 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

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1.	Attempt any	five questions.
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- 2. Make suitable assumptions wherever necessary.
- 3. Figures to the right indicate full marks.

Q.1	<ul><li>(a) Describe the traditional systems of medicine.</li><li>(b) Explain the preparation and characteristics of Bhasma.</li><li>(c) Write in short the sources, production and utilization of geranium oil.</li></ul>	06 05 05
Q.2	<ul><li>(a) What is Arka? Give the method of preparation and characteristics of arka.</li><li>(b) Give the sources, morphology, chemistry and uses of a tunicated bulb covered in your syllabus.</li></ul>	06 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
	<ul><li>(b) Explain the WHO guidelines for screening of herbal drugs.</li><li>(c) Enlist the U.V. Visible spectroscopy based on absorption principle. Explain any one of them.</li></ul>	05 05
Q.4	<ul><li>(a) Enumerate the anticancer drugs with their sources and utilization.</li><li>(b) Discuss the production and estimation of any one phytoconstituents having anticancer properties.</li></ul>	06 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
	<ul><li>(b) Explain the toxic constituents of plants as per their chemical nature.</li><li>(c) Write in short the Pharmacognosy of Kantkari.</li></ul>	05 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
	<ul><li>(b) Give the sources, indigenous and pharmacological uses of Vetiver oil.</li><li>(c) Narrate in brief the preparation and standardization of Triphala churna.</li></ul>	05 05

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