

Seat No.: _____

Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY
B. Pharm. – SEMESTER – VIII • EXAMINATION – WINTER • 2014

Subject Code: 280005

Date: 04-12-2014

Subject Name: Pharmacognosy-VII

(Herbal Formulations and Complimentary Therapies)

Time: 02:30 pm - 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)	Enumerate various traditional systems of medicine and discuss basic principle of Ayurvedic system of medicine.	06
	(b)	Explain method of preparations of Asava and Arishta in detail and enumerate its standardization parameters.	05
	(c)	Discuss methods of preparation and standardization of kwath and Churna. Give the composition of Triphala churna.	05
Q.2	(a)	Write down the biological source, chemical constituents, uses and formulation of Piper and Kantakari.	06
	(b)	Write note on herbo-mineral preparation “Bhasma”.	05
	(c)	Write short note on Garlic.	05
Q.3	(a)	Discuss the Applications of HPTLC in standardization of herbal drugs.	06
	(b)	Write short note on anti-diabetic drugs.	05
	(c)	Write note on hallucinogenic plant.	05
Q.4	(a)	Write note on importance of hyphenated techniques in evaluation of herbal drugs.	06
	(b)	Write note on Indian Madder.	05
	(c)	Write note on Industry and research institutes involve in work of medicinal & aromatic plants.	05
Q.5	(a)	Discuss complete pharmacognosy of Nagod leaf.	06
	(b)	Explain the chemical tests for anthraquinone and saponin glycosides.	05
	(c)	Write down biological source, family, chemical constituents and uses of Bhilama and Vaj.	05
Q. 6	(a)	Write down pharmacognostic profile of Shirish bark.	06
	(b)	Give biological source, family, chemical constituents, uses and Ayurvedic formulation of Tylophora and Palash.	05
	(c)	Discuss the methods of extraction and utilization of volatile oils.	05
Q.7	(a)	Explain industrial production and utilization of cinchona alkaloids.	06
	(b)	Explain extraction and estimation process for the Sennosides.	05
	(c)	Write detail pharmacognosy of Pterocarpus.	05
