Seat No.: _____ Enrolment No._____

GUJARAT TECHNOLOGICAL UNIVERSITY

B. Pharm. – SEMESTER – VIII • EXAMINATION – SUMMER • 2014

Subject Code: 280005 **Date: 29-05-2014**

Subject Name: Pharmacognosy-VII (Herbal Formulations and Complimentary Therapies)

Time: 10:30 am - 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.**

Q.1	(a)	Enumerate various traditional system of medicines. Discuss holistic concept of treatment in Ayurveda.	**06**
	(b)	Classify ayurvedic dosage form. Define kwath and describe its standardization parameters.	**05**
	(c)	Describe in detail the pharmacognostic profile of Shirish bark.	**05**
Q.2	(a)	Write a short note on usefulness of chromatographic techniques in screening of herbal drugs.	**06**
	(b)	Give the source, utilization, production, industries associated and estimation of Tropane alkaloids.	**05**
	(c)	Write down biological source, chemical constituents, identification test and uses of Vaj and Vidang.	**05**
Q.3	(a)	Write a brief note on poisonous plants of India.	**06**
	(b)	Write down the biological source, chemical constituents, uses and formulation of Pterocarpus and Kantakari.	**05**
	(c)	Define Bhasma. Write down its preparation and enlist the standardization parameters of it.	**05**
Q.4	(a)	Give the source, utilization, production, industries associated and estimation of diosgenin and podophyllotoxin.	**06**
	(b)	Write a brief note on phytopharmaceutical evaluation methods used in screening of herbal drugs.	**05**
	(c)	Describe in detail two Piper species used medicinally.	**05**
Q.5	(a)	What is gutika? Discuss standardization parameters of the same.	**06**
	(b)	Give the source, utilization, production and industries associatied of vetiver oil and lemongrass oil.	**05**
	(c)	Write detailed pharmacognosy of Nagod leaf.	**05**
Q. 6	(a)	Give a brief account on any two of the following: 1. Karanj 2. Palash 3. Majith	**06**
	(b)	What are Ghrita and Taila? How do they differ? Describe the standardization parameters of the same.	**05**
	(c)	Give the source, utilization, production and industries associated of mentha oil and geranium oil.	**05**
Q.7	(a)	Give the source, utilization, production, industries associated and estimation of vincristine and Calcium sennoside.	**06**
	(b)	Enlist the traditional drugs used as antiatherosclerotic agents. Write a detailed note on any one of them.	**05**
	(c)	Give difference between Asava and Arishta.	**05**

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