

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

Subject Code: 270005**Date: 04-12-2014****Subject Name: Pharmacognosy- VI (Herbal Drug Technology)****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.

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| Q.1 | (a) Give the classification & Role of Chromatographic methods for evaluation of Herbal drugs. | 06 |
| | (b) Discuss in detail TLC system with advantages and disadvantages. | 05 |
| | (c) Discuss the advantages and disadvantages of HPLC methods for evaluation of herbal drugs. | 05 |
| Q.2 | (a) Give the name of various species of Nagarmoth. Describe its morphological characters. | 06 |
| | (b) Write in detail pharmacognosy of Gokhru. | 05 |
| | (c) Write in detail about Talispatra. | 05 |
| Q.3 | (a) What is chemotaxonomy? Give the principles, advantages and disadvantages of chemotaxonomy. | 06 |
| | (b) Discuss origin and nature of chemotaxonomy. Write in detail about chemotaxonomy of terpenoids | 05 |
| | (c) Gas chromatography as methods of evaluation of herbal drugs. | 05 |
| Q.4 | (a) Write the complete pharmacognosy of Rasna. | 06 |
| | (b) Give the classification of pesticides. Write essentials of good pesticides. | 05 |
| | (c) Write a note on marine as source of natural medicine. | 05 |
| Q.5 | (a) Discuss detail pharmacognosy of Shankhpuspi. | 06 |
| | (b) Write in detail about Kanchnar bark. | 05 |
| | (c) Describe fungal toxin. | 05 |
| Q. 6 | (a) Describe the conventional drug with respect to botanical source, morphological and histological characters of Punarnava. | 06 |
| | (b) Discuss the pharmacognosy of Brahmi. | 05 |
| | (c) Give the ideal characters of plant sweetners along with classification of sweetners. | 05 |
| Q. 7 | (a) Write a detail note on herbal cosmetics. | 06 |
| | (b) Photosensitizing agent- a short note. | 05 |
| | (c) Give the classification of allergens. | 05 |
