| Seat No.: | Enrolment No. |
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Subject Code: 270005

GUJARAT TECHNOLOGICAL UNIVERSITY

B. Pharm. - SEMESTER - VII • EXAMINATION - WINTER • 2014

Date: 04-12-2014

| | _ | ct Name: Pharmacognosy- VI (Herbal Drug Technology) 10:30 am - 01:30 pm Total Marks: 80 etions: 1. Attempt any five questions. 2. Make suitable assumptions wherever necessary. 3. Figures to the right indicate full marks. | |
|------|-------------------|--|----------------|
| Q.1 | (a) | Give the classification & Role of Chromatographic methods for evaluation of Herbal drugs. | 06 |
| | (b) (c) | Discuss in detail TLC system with advantages and disadvantages. Discuss the advantages and disadvantages of HPLC methods for evaluation of herbal drugs. | 05 05 |
| Q.2 | (a) | Give the name of various species of Nagarmoth. Describe its morphological | 06 |
| | (b) (c) | characters. Write in detail pharmacognosy of Gokhru. Write in detail about Talispatra. | 05 05 |
| Q.3 | (a) | What is chemotaxonomy? Give the principles, advantages and disadvantages of | 06 |
| | (b) | chemotaxonomy. 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) (b) (c) | Write the complete pharmacognosy of Rasna. Give the classification of pesticides. Write essentials of good pesticides. Write a note on marine as source of natural medicine. | 06 05 05 |
| Q.5 | (a) (b) (c) | Discuss detail pharmacognosy of Shankhpuspi. Write in detail about Kanchnar bark. Describe fungal toxin. | 06 05 05 |
| Q. 6 | (a) | Describe the conventional drug with respect to botanical source, morphological and histological characters of Punarnava. | 06 |
| | (b) (c) | Discuss the pharmacognosy of Brahmi. Give the ideal characters of plant sweetners along with classification of sweetners. | 05 05 |
| Q. 7 | (a) (b) (c) | Write a detail note on herbal cosmetics. Photosensitizing agent- a short note. Give the classification of allergens. | 06 05 05 |
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