GUJARAT TECHNOLOGICAL UNIVERSITY
B. Pharm. – SEMESTER – VII • EXAMINATION – SUMMER • 2015

Subject Code: 270005   **Date: 15-05-2015**
Subject Name: Pharmacognosy- VI (Herbal Drug Technology)
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) Define and classify the chromatographic techniques used for evaluation of
Herbal drug.   **06**
(b) Write application of TLC and HPTLC for evaluation of herbal drugs.   **05**
(c) Write a note on natural plant sweetener with commercial application.   **05**

Q-2 (a) Draw morphological and histological characters of Talishpatra.   **06**
(b) Write Pharmacognosy of any one drug useful to improve memory power.   **05**
(c) Write different between Chhota & Bada Gokhru and Red and White punarnava.   **05**

Q-3 (a) Give the botanical source, chemical constituents, pharmacological action and
Market preparation of gokhru.   **06**
(b) Write the complete pharmacognosy of Nagarmoth.   **05**
(c) Explain in detail pharmacognosy of Ashoka bark.   **05**

Q-4 (a) Write the classification of pesticides with ideal properties.   **06**
(b) Define and classification of allergens in detail.   **05**
(c) Write the method of preparation of allergenic extract.   **05**

Q-5 (a) write a note on skin and hair care herbal cosmetic.   **06**
(b) Define & classify various marine agents from marine sources.   **05**
(c) Describe in details anticancer agent obtains from marine sponge and gorgonian. **05**

Q-6 (a) Define & classify chemotaxonomy with principle.   **06**
(b) Write the different stage of chemotaxonomic investigation.   **05**
(c) Write chemotaxonomic significance of alkaloids and glycosides.   **05**

Q-7 (a) Write a note on photosensitizing agents.   **06**
(b) Write note on natural plant bitters with application.   **05**
(c) Write on photosensitizing reaction with photodynamic therapy.   **05**

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