

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**
