

GUJARAT TECHNOLOGICAL UNIVERSITY
B. Pharm. - SEMESTER-7 • EXAMINATION – SUMMER -2018

Subject Code: 2270005**Date: 30/05/2018****Subject Name: Pharmacognosy-V****Time: 02:30 PM TO 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) Enumerate various Ayurvedic Formulations. Give details of Gutika and *Asavas*. **06**
(b) Write a note on standardization of Ayurvedic Formulations. **05**
(c) Give significance of Column Chromatography in evaluation of herbal drugs **05**
- Q.2** (a) Write a note on herbal Cosmetics **06**
(b) What are natural allergens? Describe different types of natural allergens and corresponding effects produced by them. **05**
(c) Give Pharmacognosy of *Kalijiri*. **05**
- Q.3** (a) Give details of Shikimic acid pathway **06**
(b) Write Pharmacognosy of *Chitrak*. **05**
(c) Write a note on *Shilajit*. **05**
- Q.4** (a) Give biological source, family, active constituents and uses of different plants named as Punarnava and differentiate *Satodi* and *satodo*. **06**
(b) Give details Natural sweetners **05**
(c) Give brief outline of Neutraceuticals. **05**
- Q.5** (a) Define *Bhasma*, give its preparation and enumerate standardization parameters for the same. **06**
(b) Differentiate *Asava* & *Arishta* **05**
(c) Write a note on Poisonous plants with special emphasis on *Calotropis* **05**
- Q. 6** (a) Write detailed notes on Fungal Toxins. **06**
(b) Define *Bhasma* , give its preparation and enumerate standardization parameters for the same **05**
(c) Give details of Acetate mevalonate Pathway **05**
- Q.7** (a) Give biological source, family, active constituents and uses of different plants named as *Shankhpushpi* **06**
(b) What are pesticides? Name different natural pesticides and herbicides giving their source and activity. **05**
(c) Write a note on *Galo*. **05**
