

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 <i>Asavas</i> . | 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 <i>Kalijiri</i> . | 05 |
| Q.3 | (a) Give details of Shikimic acid pathway | 06 |
| | (b) Write Pharmacognosy of <i>Chitrak</i> . | 05 |
| | (c) Write a note on <i>Shilajit</i> . | 05 |
| Q.4 | (a) Give biological source, family, active constituents and uses of different plants named as Punarnava and differentiate <i>Satodi</i> and <i>satodo</i> . | 06 |
| | (b) Give details Natural sweetners | 05 |
| | (c) Give brief outline of Nutraceuticals. | 05 |
| Q.5 | (a) Define <i>Bhasma</i> , give its preparation and enumerate standardization parameters for the same. | 06 |
| | (b) Differentiate <i>Asava</i> & <i>Arishta</i> | 05 |
| | (c) Write a note on Poisonous plants with special emphasis on <i>Calotropis</i> | 05 |
| Q. 6 | (a) Write detailed notes on Fungal Toxins. | 06 |
| | (b) Define <i>Bhasma</i> , 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 <i>Shankhpushpi</i> | 06 |
| | (b) What are pesticides? Name different natural pesticides and herbicides giving their source and activity. | 05 |
| | (c) Write a note on <i>Galo</i> . | 05 |
