

GUJARAT TECHNOLOGICAL UNIVERSITY
B.PHARM. - SEMESTER-7 • EXAMINATION – SUMMER -2025

Subject Code: 2270005**Date:13/05/2025****Subject Name: Pharmacognosy-V****Time: 02:30PM TO 05:30PM****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) Write a note on methods of preparation of Asava and Arista with evaluation parameters. **06**
(b) Write down biosynthetic pathway of Menthol. **05**
(c) Define Nutraceuticals. Write down short note on Dietary fibres. **05**
- Q.2** (a) Explain in detail Shikimic acid pathways with chemistry. **06**
(b) Give brief account on Shilajit. **05**
(c) Enlist various cosmetics for hair. Explain Herbal shampoo in detail. **05**
- Q.3** (a) Give methods of preparation of Bhasma and discuss its Standardization parameters. **06**
(b) Define pesticides. Classify with suitable examples. Write essentials of good pesticides. **05**
(c) Write a note on Fungal toxin. **05**
- Q.4** (a) Define : Herbal Cosmetics. Describe in detailed about Skin care products. **06**
(b) Write down B.S, Fam, G.S, C.C, Uses of Punarnava. **05**
(c) Draw a well labelled neat and clean diagram of Nagod. **05**
- Q.5** (a) Describe Ayurveda with its “TRIDOSHA” theory. **06**
(b) Write note on Photosensitizing agent. **05**
(c) Write down B.S, Fam, G.S, C.C, Uses of Galo and Dhatakpushpa. **05**
- Q. 6** (a) Write Acetate malonate pathways for biosynthesis of Linoleic acid. **06**
(b) Write a role of anti-oxidants in Nutraceuticals. **05**
(c) Write a note on Plant Sweeteners. **05**
- Q.7** (a) Define: a) Ghrita b) Kwatha c) Pisti **06**
(b) Write down biosynthetic pathways of Diosgenin. **05**
(c) Short note on Preparation of Taila. **05**
