

Seat No.: _____

Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY
B.PHARM - SEMESTER- 7 EXAMINATION – SUMMER -2020

Subject Code: 2270005**Date: 02-11-2020****Subject Name: Pharmacognosy-V****Time: 2:30 PM TO 5:30 PM****Total Marks: 80****Instructions:**

1. Attempt any five questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks

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| Q.1 | (a) Discuss the detail pharmacognosy of Shankhpushpi. | 06 |
| | (b) Give brief details of Jyotishmati. | 05 |
| | (c) Write a short note on Dhatkipushpa. | 05 |
| Q.2 | (a) Write a detail Pharmacognosy of Rasna. | 06 |
| | (b) Write short note on Nagod. | 05 |
| | (c) Discuss the benefits of Shilajit. | 05 |
| Q.3 | (a) Define Nutraceuticals. Give the detail classification of Nutraceuticals. | 06 |
| | (b) Give the detail pharmacognosy of Punarnava. | 05 |
| | (c) Write a short note on Mucuna. | 05 |
| Q.4 | (a) Write in details about any two plant used for herbal cosmetic preparations. | 06 |
| | (b) Detail note on photosensitizing agent. | 05 |
| | (c) Write a note on plant uses as Pesticides. | 05 |
| Q.5 | (a) Discuss the methods of preparation of Asava and Arista. Discuss various parameters of their evaluation. | 06 |
| | (b) Discuss the principal of Ayurved and Unani system of medicine. | 05 |
| | (c) Discuss in details about preparation and standardization of Churna and Kwath. | 05 |
| Q.6 | (a) Discuss in details about acetate mavalonate pathway. | 06 |
| | (b) Give the biogenesis of carotenoids. | 05 |
| | (c) Write a brief note on biosynthetic pathway of Ergot alkaloids. | 05 |
| Q.7 | (a) Discuss in detail about Biosynthesis of Quinine. | 06 |
| | (b) Write a short note on Fungal toxin. | 05 |
| | (c) Write a short note on plant origin sweetening agent. | 05 |
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