

GUJARAT TECHNOLOGICAL UNIVERSITY
B.Ph. - SEMESTER-VIII • EXAMINATION – SUMMER -2021

Subject Code: 280005**Date: 06/08/2021****Subject Name: Pharmacognosy VII(Herbal Formulations & Complimentary Therapies)****Time: 10:30PM TO 01:30PM****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) | What is churna? Describe in detail method of preparation, standardization parameters and advantages and disadvantages of churna as a formulation. | 06 |
| | (b) | Define Asavas and Arista. Describe in detail method of preparation of Asavas. Describe parameters for standardization of Asavas and Arista. | 05 |
| | (c) | What is Grita? Describe in detail method of preparation of Grita. Describe quality control parameters for Grita. | 05 |
| Q.2 | (a) | Name different traditional systems of medicine. Describe holistic concept of drug administration in these systems. | 06 |
| | (b) | Describe active constituents, uses and market formulations of Piper and Vaj. | 05 |
| | (c) | Write detail note on Nagod. | 05 |
| Q.3 | (a) | What is Kwath? Describe in detail method of preparation of Kwath. Describe Parameters for standardization of Kwath. What are advantages and disadvantages of Kwath as a formulation? | 06 |
| | (b) | Give active constituents, uses and market formulations of Majith and Shirish. | 05 |
| | (c) | Give active constituents, uses and market formulations of Baheda and Vidang. | 05 |
| Q.4 | (a) | Enlist different modern analytical techniques and describe any one method in detail? | 06 |
| | (b) | What is Taila? Describe in detail method of preparation of Taila. Describe quality control parameters for Taila. | 05 |
| | (c) | Write a note on poisonous plants. | 05 |
| Q.5 | (a) | Describe biological and geographical sources for podophyllotoxin. Describe method of Production and estimation of podophyllotoxin. | 06 |
| | (b) | Describe biological and geographical sources of Senna. Describe method of Production and estimation of Calcium sennoside. Describe utilization of Calcium sennaoside. | 05 |
| | (c) | Describe biological and geographical sources for quinine. Describe method of Production and estimation of quinine. | 05 |
| Q.6 | (a) | Describe biological and geographical sources of mentha oil. Describe method of production and estimation of mentha oil and menthol. Name industries and institutions involved in work of mentha oil. | 06 |
| | (b) | Describe biological and geographical sources of geranium oil, sandalwood oil and lemongrass oil. | 05 |
| | (c) | Write biological source, geographical sources, draw and label morphological and microscopical characters of Tylophora. | 05 |
| Q.7 | (a) | Give active constituents, uses and market formulations of Kantakari and Garlic. | 06 |
| | (b) | Describe active constituents, uses and market formulations of Vidang and Bhilama. | 05 |
| | (c) | Describe biological sources, geographical sources, draw and label morphological and microscopical characters of Pterocarpus. | 05 |