

GUJARAT TECHNOLOGICAL UNIVERSITY
B.PHARM - SEMESTER– 6 EXAMINATION – WINTER -2024

Subject Code: BP603TP**Date: 25-11-2024****Subject Name: Herbal Drug Technology****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.

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| Q.1 | (a) | Classify Herbal Cosmetics. Describe in detail about Skin Care Cosmetics. | 06 |
| | (b) | Write a brief note on phytopharmaceutical evaluation method used in screening of Herbal Drug. | 05 |
| | (c) | Write in detail Good Agricultural Practices for Medicinal plants. | 05 |
| Q.2 | (a) | What is the role of Fixed oil, Waxes and Gums in manufacturing of Herbal Cosmetics as a Raw material? | 06 |
| | (b) | Define Bhasma. Comment “Bhasmas are considered as Nanoparticles”. | 05 |
| | (c) | Give short note on Biopesticide. | 05 |
| Q.3 | (a) | Define Asava. Write method of preparation of Asava. Describe quality control parameters for Asava. | 06 |
| | (b) | Discuss merit and demerits of Churna as Ayurvedic formulation. | 05 |
| | (c) | Explain the principle of Homeopathic system of medicine. | 05 |
| Q.4 | (a) | What are Ghrita and Taila? How do they differ? Describe standardisation parameter of same. | 06 |
| | (b) | Discuss in detail about BIS guideline for Herbal Cosmetics. | 05 |
| | (c) | Write a note on concept of Schedule T. | 05 |
| Q.5 | (a) | Describe importance of bleaching agent, perfumes and protective agents in Herbal Formulation. | 06 |
| | (b) | Discuss about Natural products used as Hepatoprotective agents. | 05 |
| | (c) | Give names, source and active constituents of any four Nutraceuticals remedies for common disorder like Diabetes. | 05 |
| Q.6 | (a) | What are cGMP requirement in India for manufacturing of Sterile Ayurvedic preparation. | 06 |
| | (b) | Discuss drug and possible side effect and interaction Ginkobiloba. | 05 |
| | (c) | Write a note on role of Ashwagandha in human health as Nutraceuticals supplement. | 05 |
| Q.7 | (a) | Discuss about general infrastructure, manpower need and specialized equipment requirement of a Herbal Drug Technology. | 06 |
| | (b) | Define terms. Patent, IPR, Farmer’s Right, Breeder’s Right, Biopiracy. | 05 |
| | (c) | Write a note on patenting aspect of Traditional Knowledge and Natural Products. | 05 |
