

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

Subject Code: 280005**Date: 04/12/2021****Subject Name: Pharmacognosy- VII****Time: 10:30am 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.

- Q.1** (a) Justify the importance of modern analytical techniques for screening of herbal drugs. **06**
(b) Discuss basic concepts of Homeopathic system of medicine. **05**
(c) Describe the method of preparation of Asava and Arista. **05**
- Q.2** (a) Write a complete pharmacognosy of Kantakari. **06**
(b) What is Bhasma. Discuss evaluation parameters of it. **05**
(c) Discuss briefly on poisonous plants. **05**
- Q.3** (a) Write a detailed note on piper species. **06**
(b) Give biological source, chemical constituents and uses of Majith. **05**
(c) Write sources and utilization of sandal wood oil and Geranium oil. **05**
- Q.4** (a) Write on holistic concepts of Ayurvedic system of medicine. **06**
(b) Draw well labelled diagrams of morphology and microscopy of Nagod. **05**
(c) Write a detailed pharmacognostic note on Gymnema. **05**
- Q.5** (a) Write biological source, morphology, chemical constituents and uses of Palash. **06**
(b) Write isolation and estimation of quinine. **05**
(c) Give a brief account on Plant based industries in India. **05**
- Q. 6** (a) Give biological source and uses of Bhilama. Why it is purified before use? Explain method of purification of it. **06**
(b) Give detailed account on Panchakarma treatment of Ayurveda. **05**
(c) Discuss morphological characters and chemical constituents of Harde and Baheda. **05**
- Q.7** (a) Write sources, isolation methods and utilization of Diosgenin. **06**
(b) Write a detailed pharmacognostic note on Shirish. **05**
(c) Give biological source, chemical constituents and uses of Tylophora. **05**
