

GUJARAT TECHNOLOGICAL UNIVERSITY

B.PHARM – SEMESTER – VIII • EXAMINATION – WINTER – 2015

Subject Code: 280005

Date: 14/12/2015

Subject Name: Pharmacognosy VII (Herbal Formulations and Complimentary Therapies)

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

- Q.1** (a) Describe method of preparation of Asavas. How method of preparation of Arishta differs from Asavas and why? Explain importance of Asavas as a formulation. **06**
- (b) Describe method of preparation of Bhasma. Describe evaluation methods for Bhasmas. **05**
- (c) Describe method of preparation of Churna. Discuss merits and demerits of churna as a formulation. **05**
- Q.2** (a) Discuss holistic concept of drug administration in traditional system of medicine. **06**
- (b) Describe method of preparation of kwatha. Discuss importance of kwatha as a formulation. **05**
- (c) Write a note on poisonous plants. **05**
- Q.3** (a) Enumerate different analytical techniques involved in screening of herbal drugs and explain their role briefly. **06**
- (b) What do you mean by phytopharmaceutical evaluation? Explain it in details. **05**
- (c) Write a note on Garlic. **05**
- Q.4** (a) Give sources, production, estimation and utilisation of diosgenin. **06**
- (b) Describe sources, production, estimation and utilisation of Sennosides. **05**
- (c) Discuss sources, production, estimation and utilisation of tropane alkaloids. **05**
- Q.5** (a) Describe sources, production, estimation and utilisation of Sandalwood oil. **06**
- (b) Give sources, production, estimation and utilisation of mentha oil. **05**
- (c) Describe sources, production, estimation and utilisation of quinine. **05**
- Q. 6** (a) Describe sources, morphology, active constituents and main medicinal uses of kantakari. Give name of a popular formulation where its roots are used as one of the ingredient, give uses of the formulation. **06**
- (b) Describe sources, morphology, microscopy, active constituents and main medicinal uses of Nagod. **05**
- (c) Write a note on Vidang. **05**
- Q.7** (a) Give botanical sources, active constituents and uses of (a) Karanj (b) Bhilama (C) Palash. **06**
- (b) Describe sources, morphology, microscopy, active constituents and main medicinal uses of Tylophora. **05**
- (c) Describe sources, different species, family, active constituents and uses of (a) Majith (b) Pipper. **05**
