

PY - 805(C)
B.Pharm. VIII Semester
 Examination, June 2015
Herbal Drug Technology
Elective-II

Time : Three Hours

Maximum Marks : 70

Note : Attempt any five questions. All questions carry equal marks.

1. a) Discuss the various factors affecting cultivation and processing of Herbal drugs. 7
 b) Explain briefly natural and artificial drying of crude drugs with suitable examples. **rgpvonline.com** 7
2. a) Explain in detail various analytical techniques used in quality control of Herbal drugs. 10
 b) Discuss applications of HPTLC over TLC for quality assessment of Herbal drug. 4
3. a) Write a detail note on Formulation considerations of Ayurvedic Dosage forms Asava and Arishta. 10
 b) Give the evaluation parameters of Ayurvedic Semisolid Preparation. 4

4. a) Discuss the recent development of immobilized cell techniques for the production of plant secondary metabolites. 10
 b) Write a brief note on Protoplast fusion technique of tissue culture. 4
5. a) Explain in detail Current scenario of trading of Indian Herbal drugs in Global Market. 10
 b) Discuss the formulation consideration of Herbal tablet. 4
6. Explain in detail Quality control of Herbal Medicines as per WHO guideline. 14
7. Write note on any Two : 7 each
 - a) Explain briefly physicochemical parameters for the evaluation of Herbal drug adulteration.
 - b) Suspension Culture
 - c) Packaging of Herbal crud drugs.
