

September 2008

[KT 337]

Sub. Code : 2873

M.Pharm. DEGREE EXAMINATION.

First Year

(Regulations 2006)

Branch VIII — Phytopharmacy and Phytomedicine

Paper II — ADVANCED PHARMACOGNOSY

Q.P. Code : 262873

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

I. Long Essay : (3 × 20 = 60)

1. (a) Elaborate on good practices in cultivation.
(b) Describe the role of pharmacognosy in the herbal industry.
2. (a) Classify herbal drugs with special reference to chemotaxonomy.
(b) Comment upon international trade of herbal drugs.

3. (a) Highlight the need and importance of Quality control of crude drugs.

(b) Describe and discuss the WHO guidelines with reference to Quality control of herbal drugs.

II. Short Notes on : (8 × 5 = 40)

1. Plant growth regulators.
2. Weed and pest control.
3. Highlight the recent advances in Pharmacognosy.
4. Describe the in vivo screening methods for Immunomodulatory drugs.
5. Describe the role of biomarkers in crude drug analysis.
6. Describe the phytochemistry of carbohydrates.
7. Add a note on plant tissue culture.
8. Describe the advances in fermentation technology.